

All Digits Flexible Power Representations of Natural Numbers From 11112 to 30000

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Abstract

There are different ways of representing natural numbers, such as writing in terms of 1 to 9 or 9 to 1, writing in terms of single letter, single digit, flexible power, etc. These types of representations we call as **crazy representations**. This paper extends the authors previous work [7] on representation of natural numbers in terms of **flexible powers** using all digits with different permutations. The previous work [7] is up to 11111. This paper bring numbers 11112 to 30000 in terms of **flexible powers** using all digits with different permutations.

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1 Crazy Representations of Natural Numbers

In this section, we shall write different ways of writing natural numbers. These representations are divided in four different types.

1.1 First Type: Increasing and Decreasing

In 2014, author [1] wrote natural numbers in increasing and decreasing orders of 1 to 9 and 9 to 1. See examples below:

$$100 := 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 \times 9 = 9 \times 8 + 7 + 6 + 5 + 4 + 3 + 2 + 1$$

$$101 := 1 + 2 + 34 + 5 + 6 \times 7 + 8 + 9 = 9 \times 8 + 7 + 6 + 5 + 4 + 3 \times 2 + 1$$

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$$\begin{aligned}
102 &:= 12 + 3 \times 4 \times 5 + 6 + 7 + 8 + 9 &= 9 + 8 + 7 + 6 + 5 + 4^3 + 2 + 1 \\
103 &:= 1 \times 2 \times 34 + 5 + 6 + 7 + 8 + 9 &= 9 + 8 + 7 \times 6 + 5 \times 4 + 3 + 21 \\
104 &:= 1 + 23 + 4 + 5 + 6 + 7 \times 8 + 9 &= 9 + 8 + 7 + 65 + 4 \times 3 + 2 + 1 \\
105 &:= 1 + 2 \times 3 \times 4 + 56 + 7 + 8 + 9 &= 9 + 8 \times 7 + 6 \times 5 + 4 + 3 + 2 + 1 \\
106 &:= 12 + 3 + 4 \times 5 + 6 + 7 \times 8 + 9 &= 9 + 8 \times 7 + 6 \times 5 + 4 + 3 \times 2 + 1 \\
107 &:= 1 \times 23 + 4 + 56 + 7 + 8 + 9 &= 9 + 8 + 76 + 5 + 4 + 3 + 2 \times 1 \\
108 &:= 1 + 2 + 3 + 4 + 5 + 6 + 78 + 9 &= 9 + 8 + 76 + 5 + 4 + 3 + 2 + 1.
\end{aligned}$$

See more examples,

$$\begin{aligned}
999 &:= 12 \times 3 \times (4 + 5) + (67 + 8) \times 9 &= 9 + 8 + 7 + 654 + 321. \\
2535 &:= 1 + 2345 + (6 + 7 + 8) \times 9 &= 9 + 87 \times (6 + 5 \times 4 + 3) + 2 + 1. \\
2607 &:= 123 \times 4 \times 5 + 6 + (7 + 8) \times 9 &= 987 + 6 \times 54 \times (3 + 2) \times 1. \\
10958 &:= 12 \times 3 + \sqrt{4} + 5! \times (67 + 8 \times \sqrt{9}) &= (9 + 8 \times 7 \times 65 + 4) \times 3 - 2 + 1. \\
11807 &:= 1 \times 234 \times (5 + 6 \times 7) + 89 &= -9 + 8 + 7 \times (6 + 5) \times (4 \times 3)^2 \times 1.
\end{aligned}$$

We observe that the number 10958 is the only number among 0 to 11111, where we need extra operations, such as **square-root**, **factorial**, etc. to write in increasing case. For more details refer author's web-site link [5]. Extension of numbers from 11112 to 30000 refer [2, 3, 4].

1.2 Second Type: Flexible Power Representations

Let us consider two numbers, 1 and 2. Using the idea of power and the operations of *addition* and *subtraction*, we can write following 3 numbers in terms of 1 and 2, as $1 = -1^2 + 2^1$, $3 = 1^2 + 2^1$ and $5 = 1^1 + 2^2$. In this situation, we observe that *bases* and *exponents* are of same digits. Permutations of exponent values helps in bringing different numbers. In case of repeated values, for example, $3 = 1^2 + 2^1 = -1^1 + 2^2$, only possibilities is considered. There is only one number having single digit, i.e., $1 = 1^1$. For simplicity, let us represent the above procedure as $(1, 2)^{(1, 2)}$, resulting in three possible values. The above procedure is with two digits. Instead having two digits, we can work with two letters, such as,

$$(a, b)^{(a, b)}, \dots (a, b, c, d, e, f, g, h, i)^{(a, b, c, d, e, f, g, h, i)},$$

where $a, b, c, d, e, f, g, h, i \in \{1, 2, 3, 4, 5, 6, 7, 8, 9\}$, all distinct.

1.2.1 Unequal String Lengths

$$\begin{aligned}
100 &:= 2^6 + 6^2 & 107 &:= -1^2 + 2^7 - 3^3 + 7^1 & 114 &:= -2^2 + 3^5 - 5^3 \\
101 &:= 1^1 + 2^6 + 6^2 & 108 &:= 1^7 + 2^6 + 6^2 + 7^1 & 115 &:= 1^5 - 2^1 - 3^2 + 5^3 \\
102 &:= -2^5 + 3^2 + 5^3 & 109 &:= 1^2 + 2^7 - 3^3 + 7^1 & 116 &:= 2^2 + 3^5 - 4^4 + 5^3 \\
103 &:= 1^1 - 2^5 + 3^2 + 5^3 & 110 &:= 1^9 + 2^6 + 6^2 + 9^1 & 117 &:= -1^1 + 3^5 - 5^3 \\
104 &:= -1^1 + 2^3 + 3^4 + 4^2 & 111 &:= -1^3 + 2^7 - 3^2 - 7^1 & 118 &:= 3^5 - 5^3 \\
105 &:= 2^3 + 3^4 + 4^2 & 112 &:= 3^5 - 4^4 + 5^3 & 119 &:= 1^1 + 3^5 - 5^3. \\
106 &:= 2^7 + 3^3 - 7^2 & 113 &:= -1^5 - 2^1 - 3^2 + 5^3
\end{aligned}$$

See more examples,

$$\begin{aligned}
 638 &:= -1^5 - 2^1 - 4^2 + 5^4 \\
 666 &:= -2^5 + 3^2 + 4^3 + 5^4 \\
 786 &:= -1^4 + 3^6 + 4^3 - 6^1 \\
 1933 &:= -1^3 - 2^2 + 3^7 - 4^4 + 7^1 \\
 1934 &:= 2^9 + 3^6 - 6^2 + 9^3 \\
 3098 &:= -3^3 + 5^5 \\
 2280 &:= -1^1 - 2^6 + 4^5 + 5^2 + 6^4 \\
 6922 &:= -3^6 - 5^3 + 6^5 \\
 9711 &:= 1^3 + 2^4 + 3^8 + 4^2 + 5^5 - 8^1 \\
 9777 &:= 1^9 + 2^1 + 4^7 - 7^2 - 9^4 \\
 11110 &:= 1^1 + 2^2 + 3^9 - 5^6 + 6^5 - 9^3 \\
 11111 &:= -1^1 + 2^7 + 3^8 - 4^2 + 7^3 + 8^4.
 \end{aligned}$$

The whole work is from 1 to 11111. For details refer [6].

1.2.2 Equal String Lengths

Based on second type still we can write natural numbers in a sequential way with uniform representations. Instead working with unequal strings as of previous section, here we worked with equal string using the digits 0 to 9, i.e., using all the 10 digits, {0,1,2,3,4,5,6,7,8,9}. The results obtained are symmetric, i.e., writing in 0 to 9 or 9 to 0, the resulting number is same. See some examples below,

$$\begin{aligned}
 201 &:= 0^3 + 1^9 + 2^4 + 3^7 - 4^8 + 5^1 + 6^6 + 7^5 + 8^2 + 9^0 \\
 202 &:= 0^0 + 1^9 + 2^6 + 3^8 - 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4 \\
 203 &:= 0^3 - 1^9 + 2^4 + 3^7 - 4^8 + 5^0 + 6^6 + 7^5 + 8^2 + 9^1 \\
 204 &:= 0^8 + 1^9 + 2^5 + 3^7 - 4^6 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3 \\
 205 &:= 0^3 + 1^9 + 2^4 + 3^7 - 4^8 + 5^0 + 6^6 + 7^5 + 8^2 + 9^1 \\
 206 &:= 0^7 - 1^9 - 2^5 - 3^8 + 4^6 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2 \\
 207 &:= 0^8 + 1^9 + 2^5 + 3^7 - 4^6 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3 \\
 208 &:= 0^7 + 1^9 - 2^5 - 3^8 + 4^6 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2 \\
 209 &:= 0^7 - 1^9 - 2^5 - 3^8 + 4^6 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2 \\
 210 &:= 0^5 - 1^7 - 2^8 - 3^9 + 4^1 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2 \\
 211 &:= 0^7 + 1^9 - 2^5 - 3^8 + 4^6 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2 \\
 212 &:= 0^5 + 1^7 - 2^8 - 3^9 + 4^1 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2 \\
 213 &:= 0^5 + 1^8 - 2^7 - 3^9 + 4^1 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2 \\
 214 &:= 0^5 + 1^7 - 2^8 - 3^9 + 4^0 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2 \\
 215 &:= 0^5 + 1^9 + 2^8 + 3^7 - 4^6 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1 \\
 216 &:= 0^1 - 1^7 + 2^8 - 3^9 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2 \\
 217 &:= 0^7 - 1^9 + 2^5 - 3^8 + 4^6 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0 \\
 218 &:= 0^1 + 1^7 + 2^8 - 3^9 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2 \\
 219 &:= 0^7 + 1^9 + 2^5 - 3^8 + 4^6 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0 \\
 220 &:= 0^7 + 1^9 + 2^5 - 3^8 + 4^6 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1.
 \end{aligned}$$

Below are more examples,

$$\begin{aligned}
 11080 &:= 0^8 + 1^9 + 2^7 + 3^6 + 4^2 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4 \\
 11081 &:= 0^8 - 1^9 + 2^6 + 3^7 + 4^4 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3 \\
 11082 &:= 0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2 \\
 11083 &:= 0^8 + 1^9 + 2^6 + 3^7 + 4^4 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3 \\
 11084 &:= 0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4 \\
 11085 &:= 0^8 + 1^9 + 2^6 + 3^7 + 4^4 + 5^0 + 6^5 + 7^1 + 8^2 + 9^3 \\
 11086 &:= 0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4 \\
 11087 &:= 0^6 + 1^9 - 2^8 + 3^7 + 4^2 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3.
 \end{aligned}$$

The whole work is from 1 to 11111. For details refer [7]. This paper extends de to 30000, i.e., from 11112 to 30000.

Analysing the procedures given in sections 1.1 and 1.2, we observe that in section 1.1, all the 9 digits are used in increasing and decreasing ways to bring natural numbers, where each digit appears only once. In this case, the operations used are, **addition, subtraction, multiplication, division, potentiation, factorial** and **square-root**. The section 1.2 works with representations of natural numbers written in a way that we use each digit twice, where **bases** and **exponents** are of same digits with different permutations. Subsection 1.2.1 choose the digits from 1 to 9, according to necessity, while subsection 1.2.2 works with all the 10 digits, i.e., 0 to 9, along with the operations of **addition** and **subtraction**.

1.3 Third Way: Single Digit Representations

In [1], author wrote natural numbers 1 to 1000 using single digit in each case. For example,

$$\mathbf{717} := (1+1)^{11} - 11^{(1+1+1)}$$

$$:= 22^2 + 222 + 22/2$$

$$:= 3^{(3+3)} - 3 - 3 \times 3$$

$$:= 4 \times (4 \times 44 + 4) - 4 + 4/4$$

$$:= (55 \times (55 + 5 + 5) + 5 + 5)/5$$

$$:= (6 \times 6/(6+6))^6 - 6 - 6$$

$$:= 777 - 7 \times 7 - 77/7$$

$$:= 8 \times 88 + (88 + 8 + 8)/8$$

$$:= 9 \times 9 \times 9 - (99 + 9)/9.$$

$$\mathbf{995} := (11-1)^{(1+1+1)} - (11-1)/(1+1)$$

$$:= 22 + 2 \times (22^2 + 2) + 2/2$$

$$:= 3 \times 333 - 3 - 3/3$$

$$:= 4 \times (4^4 - 4 - 4) + 4 - 4/4$$

$$:= 5 \times (5+5) \times (5 \times 5 - 5) - 5$$

$$:= 666 + 6 \times 66 - 66 - 6/6$$

$$:= (7+7) \times (77-7) + 7 + 7 + 7/7$$

$$:= 888 + 88 + 8 + 88/8$$

$$:= 999 - (9+9+9+9)/9.$$

$$\mathbf{786} := ((1+1+1)^{(1+1+1)} + 1)^{(1+1)} + 1 + 1$$

$$:= (22 + 2 + 2 + 2)^2 + 2$$

$$:= 33 \times (3^3 - 3) - 3 - 3$$

$$:= 4 \times (4 \times (44 + 4) + 4) + (4 + 4)/4$$

$$:= 5 + (5^5 - 5/5)/(5 - 5/5)$$

$$:= 66 \times (6+6) - 6$$

$$:= 777 + 7 + (7+7)/7$$

$$:= 8 \times (88 + 8) + 8 + (88 - 8)/8$$

$$:= 9 \times 99 - 99 - 9 + (9+9+9)/9$$

$$\mathbf{1000} := (11-1)^{(1+1+1)}$$

$$:= 2 \times (22^2 + 2^{(2+2)})$$

$$:= (3 \times 3 + 3/3)^3$$

$$:= 4 \times (4^4 - 4) - 4 - 4$$

$$:= 5 \times (5+5) \times (5 \times 5 - 5)$$

$$:= ((66 - 6)/6)^{(6 \times 6/(6+6))}$$

$$:= (7+7+7-7/7) \times (7 \times 7 + 7/7)$$

$$:= 888 + 88 + 8 + 8 + 8$$

$$:= 999 + 9/9.$$

Values are calculated up to 1.000.000 (.txt file), but the work is written only up to 20000. For details see author's work [8, 9, 10, 11, 12]

1.4 Forth Way: Single Letter Representations

We observe that the numbers written in previous section 1.3 are in terms of each digit, not necessarily symmetric. But there are numbers, that can be written in a symmetric way, see examples below:

$$\mathbf{5} = \frac{11-1}{1+1} = \frac{22-2}{2+2} = \frac{33-3}{3+3} = \frac{44-4}{4+4} = \frac{55-5}{5+5} = \frac{66-6}{6+6} = \frac{77-7}{7+7} = \frac{88-8}{8+8} = \frac{99-9}{9+9}.$$

$$6 = \frac{11+1}{1+1} = \frac{22+2}{2+2} = \frac{33+3}{3+3} = \frac{44+4}{4+4} = \frac{55+5}{5+5} = \frac{66+6}{6+6} = \frac{77+7}{7+7} = \frac{88+8}{8+8} = \frac{99+9}{9+9}.$$

$$55 = \frac{111-1}{1+1} = \frac{222-2}{2+2} = \frac{333-3}{3+3} = \frac{444-4}{4+4} = \frac{555-5}{5+5} = \frac{666-6}{6+6} = \frac{777-7}{7+7} = \frac{888-8}{8+8} = \frac{999-9}{9+9}.$$

$$56 = \frac{111+1}{1+1} = \frac{222+2}{2+2} = \frac{333+3}{3+3} = \frac{444+4}{4+4} = \frac{555+5}{5+5} = \frac{666+6}{6+6} = \frac{777+7}{7+7} = \frac{888+8}{8+8} = \frac{999+9}{9+9}.$$

Motivated by this idea, instead working for each digit separately, we can work with a **single letter "a"**, for example,

• Running-Type

$$\begin{aligned} 5 &:= (aa - a)/(a + a) \\ 6 &:= (aa + a)/(a + a) \\ 55 &:= (aaa - a)/(a + a) \\ 56 &:= (aaa + a)/(a + a) \\ 561 &:= (aaaa + aa)/(a + a) \\ 666 &:= aaa \times (aa + a)/((a + a) \times a) \\ 925 &:= (aaaaa - aa)/(aa + a) \\ 1089 &:= (aaaa - aa - aa)/a \\ 1991 &:= (aaaaaa/aaa \times (a + a) - aa)/a \\ 2020 &:= (aaaaa - a)/aa \times (a + a)/a \\ 2035 &:= (aaaa - a)/(a + a + a) \times aa/(a + a) \\ 4477 &:= (aaa/(a + a + a) \times aa \times aa)/(a \times a) \\ 4999 &:= (aaaaa - aaaa - a - a)/(a + a) \\ 5000 &:= (aaaaa - aaaa)/(a + a). \end{aligned}$$

• Fraction-Type

$$\begin{aligned} 5 &:= \frac{aa - a}{a + a} \\ 6 &:= \frac{aa + a}{a + a} \\ 55 &:= \frac{aaa - a}{a + a} \\ 56 &:= \frac{aaa + a}{a + a} \\ 561 &:= \frac{aaaa + aa}{a + a} \\ 666 &:= \frac{aaa \times (aa + a)}{(a + a) \times a} \\ 786 &:= \frac{(\frac{aaa + a}{a} - a) \times (aa + a)}{(a + a) \times a} \\ 925 &:= \frac{aaaaa - aa}{aa + a} \\ 1089 &:= \frac{aaaa - aa - aa}{a} \\ 1991 &:= \frac{\frac{aaaaaa}{aaa} \times (a + a) - aa}{\frac{aaaaa - a}{aa} \times (a + a)} \\ 2020 &:= \frac{\frac{aaaaa - a}{aa} \times (a + a)}{\frac{aaaa - a}{a + a + a} \times aa} \\ 2035 &:= \frac{\frac{aaaa - a}{a + a + a} \times aa}{\frac{aaa}{a + a + a} \times aa \times aa} \\ 4477 &:= \frac{\frac{aaaaa - aaaa - a - a}{(a + a)}}{a \times a} \\ 4999 &:= \frac{(aaaaa - aaaa - a - a)}{(a + a)} \\ 5000 &:= \frac{(aaaaa - aaaa)}{(a + a)} \\ 122988 &:= \frac{(aaaa - a - a - a) \times aaa}{a \times a} \end{aligned}$$

where $a \in \{1, 2, 3, 4, 5, 6, 7, 8, 9\}$, and $aa = 10 \times a + a$, $aaa = 10^2 \times a + 10 \times a + a$, etc.

The full work is from 1 to 11111 numbers, written in two different ways. One running type [16] and another in fraction-type way [17]. For previous work refer [13, 14]. The summary of author's work on recreation of numbers in different situations refer [23].

1.5 Running Expressions

Previous subsections, works with natural numbers in different situations using 9 or 10 digits. In this section also we shall do similar kind of work, but in little different way. It is based on the idea of subsection 1.1. We divide the numbers in equal parts, two or three in such a way that the results are increasing and decreasing orders 1 to 9 or 9 to 1 or 9 to 0 separated by equalities, for example,

$$1^{234} = (5 + 67) / (8 \times 9)$$

$$98/7 + 6 = 54/3 + 2 \times 1.$$

Below are more examples, written in increasing and decreasing ways:

- **Increasing Order**

$$\begin{aligned} 12 &= 3 + 4 + (5 \times 6 + 7 + 8) / 9 \\ 123 &= 4 + 5 + 6 \times 7 + 8 \times 9 \\ 1234 &= -5 + 6! + 7 + 8^{\sqrt{9}} \end{aligned} \tag{1}$$

$$\begin{aligned} 12 + 3 \times 4 + 5 \times (6 + 7) &= 89 \\ 1 + 23 + 45 + 6! &= 789 \end{aligned}$$

- **Decreasing Order**

$$\begin{aligned} 98 - 7 \times (6 + 5) \times (4 - 3) &= 21 \\ \sqrt{9} \times 87 + 6 + 54 &= 321 \\ 9 - 8 + 7! - 6 \times 5! &= 4321 \end{aligned} \tag{2}$$

$$\begin{aligned} 9 - 8 + 7 - 6 + 5 + 4 - 3 + 2 &= 10 \\ 9 \times (8 + 7) + 6 + 5 + 4^3 &= 210 \\ (9 - 87 + 6!) \times 5! / 4! &= 3210 \end{aligned}$$

$$\begin{aligned} 98 &= (7 + 6) \times 5 + 4 \times 3 + 21 \\ 987 &= 6! + 5! + (4 + 3) \times 21 \\ 98 &= 7 + 65 + 4 + 32 - 10 \\ 987 &= 6! + 54 + 3 + 210 \end{aligned}$$

Above examples give representations separated by equality sign having the digits in either increasing and/or decreasing orders. There are numbers that can be written in increasing as well as decreasing orders at the same time with single or double equality signs, such as

$$\begin{aligned} \mathbf{16} &:= 12/3 \times 4 = 5 + 6 + (7+8)/\sqrt{9} \\ &:= (9+87)/6 = 5 + 4 + 3 \times 2 + 1 \end{aligned}$$

$$\begin{aligned} \mathbf{18} &= 12 + 3! = \sqrt{4+5} \times 6 = 7 + 8 + \sqrt{9} \\ &= \sqrt{9} + 8 + 7 = \sqrt{6 \times 54} = -3 + 21 = 3! + 2 + 10 \end{aligned}$$

$$\begin{aligned} \mathbf{120} &:= (1 \times 2 + 3)! = 4 \times 5 \times 6 = ((7+8)/\sqrt{9})! \\ &:= ((\sqrt{9})! - 8 + 7)! = 6 \times 5 \times 4 = (3 \times 2 - 1)! = 3! \times 2 \times 10 \end{aligned} \quad (3)$$

The above three examples divide the numbers in two and three parts respectively with equality signs using the numbers in increasing as well as decreasing orders. From the examples (1), (2) and (3), we observe that the operations used are **addition, subtraction, multiplication, division, potentiation, factorial** and **square-root**. More details can be seen in [23, 19, 20]. In this work, our interest is to found examples similar to (1), (2) and (3), using **Fibonacci sequence** values.

1.5.1 Running Expressions with Fibonacci Sequence

Fibonacci sequence numbers are well known in literature. This sequence is defined as

$$F(0) = 0, \quad F(1) = 1, \quad F(n+1) = F(n) + F(n-1), \quad n \geq 1.$$

Similar to (1) and (2), given above, below are examples of running expressions using **Fibonacci sequence** numbers. Most of the results uses basic operations, except numbers 21 and 9876, where extra operation, such as factorial is used.

• Increasing Order

$$\begin{aligned} \mathbf{12} &= F(3) \times F(4) \times F(5) + 6 - 7 - 8 - 9 \\ \mathbf{123} &= -4 \times 5 \times (6 - F(7)) - 8 - 9 \\ \mathbf{1234} &= 5 \times F(6) \times F(7) + F(8) \times F(9) \end{aligned} \quad (4)$$

$$\begin{aligned} 1 + F(2^3 + F(4)) + (5 - 6)^7 &= \mathbf{89} \\ 1 \times 2 \times 3^4 \times 5 - F(F(6)) &= \mathbf{789} \\ 1 + 23 + F(4 \times 5) &= \mathbf{6789}. \end{aligned}$$

• Decreasing Order

$$\begin{aligned}
9 + (-F(8)/7 + 6) \times 5 - F(4)! + 3 &= \mathbf{21} \\
-98 - F(7) + F(6) \times 54 &= \mathbf{321} \\
(F(9) \times F(8) + 7) \times 6 - 5 &= \mathbf{4321}
\end{aligned} \tag{5}$$

$$\begin{aligned}
\mathbf{98} &= (7 - 6) \times 5 + F(4) \times (32 - 1) \\
\mathbf{987} &= (6 - 5) \times F(4 \times (3 + 2 - 1))
\end{aligned}$$

$$\begin{aligned}
\mathbf{98} &= -5 - 4 - 3 + 2 \times F(10) \\
\mathbf{987} &= (6 - 5)^4 \times F(3 \times 2 + 10) \\
\mathbf{9876} &= (\sqrt{5 + 4})! + F(F(3!) \times 2) \times 10
\end{aligned}$$

More details can be seen in Taneja [21].

1.5.2 Running Expressions with Triangular Numbers

Triangular numbers are very much famous in the literature of mathematics. These are given by

$$1, 3, 6, 10, 15, 21, \dots$$

The general formula to write these numbers is given by

$$T(n) = 1 + 2 + 3 + \dots = \frac{n+1}{2} = C(n+1, 2)$$

The letter " C " represents as "**binomial coefficient**".

In this paper our aim is to bring **running expressions** by use of **triangle numbers**. This we have done in subsequent sections. Due to high quantity of numbers, we the work is limited to 3 digits in case of single equality. As a part of results, see below some interesting examples,

- **Increasing Order**

$$\begin{aligned}
\mathbf{12} &= T(3) - 4 - 5 + 6 - (7 - 8) \times 9 \\
\mathbf{123} &= (-4 + 5) \times 6 + T(7) + 89 \\
\mathbf{1234} &= T(56 \times 7/8) + 9
\end{aligned} \tag{6}$$

$$\begin{aligned}
1 + 2 + T(3) \times 4 - 5 + 67 &= \mathbf{89} \\
1 + 2 + T(3) + T(45 - 6) &= \mathbf{789} \\
-1 - 2 + T(3) + T(-4 + T(T(5))) &= \mathbf{6789}.
\end{aligned}$$

• Decreasing Order

$$\begin{aligned}
 9 \times 8 - T(7) - T(6) + 5 - 4 - 3 &= \mathbf{21} \\
 T(9 + 8) - 7 \times 6 + T(5 \times 4) &= \mathbf{321} \\
 (-T(9) + T(T(8))) \times 7 - T(6) - 5 &= \mathbf{4321}
 \end{aligned} \tag{7}$$

$$\begin{aligned}
 \mathbf{98} &= (7 - 6) \times 5^4 - T(32) + 1 \\
 \mathbf{987} &= T(6) \times (5 \times T(4) - 3) \times (2 - 1) \\
 \mathbf{9876} &= T(5 \times T(4 + 3)) + T(2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 \mathbf{98} &= (7 - 6) \times T(5) - 4 + 32 + T(10) \\
 \mathbf{987} &= (6 - 5) \times 4 \times (T(T(T(3))) + 2) + T(10) \\
 \mathbf{9876} &= (-5 + T(T(T(4)))) \times T(3) + T(T(-2 + 10))
 \end{aligned} \tag{8}$$

$$\begin{aligned}
 9 \times 8 - T(7) - T(6) - T(5) - 4 + 3 \times 2 &= \mathbf{10} \\
 T(9) + 87 \times (6 - 5) + T(4 \times 3) &= \mathbf{210} \\
 T(9) + 8 + 7 + T(6) \times T(5) \times T(4) &= \mathbf{3210}
 \end{aligned}$$

More details can be seen in Taneja [22].

2 All Digits Flexible Power Representation From 11112 to 20000

This subsection bring the natural numbers from 11112 to 30000 written in terms of all digits, with permutable flexible power representations. This work extend the author's previous work [7] done up to 11111.

$\mathbf{11112} := 0^8 + 1^9 + 2^7 + 3^6 + 4^0 + 5^5 + 6^1 + 7^2 + 8^3 + 9^4$	$\mathbf{11130} := 0^8 - 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$	$\mathbf{11148} := 0^7 + 1^9 - 2^8 + 3^3 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
$\mathbf{11113} := 0^8 - 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$	$\mathbf{11131} := 0^8 - 1^9 + 2^7 + 3^6 + 4^3 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0$	$\mathbf{11149} := 0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^0 + 6^5 + 7^3 + 8^2 + 9^1$
$\mathbf{11114} := 0^6 - 1^9 - 2^8 + 3^7 + 4^1 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$	$\mathbf{11132} := 0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$	$\mathbf{11150} := 0^8 + 1^9 - 2^7 + 3^5 + 4^6 + 5^2 + 6^0 + 7^3 + 8^1 + 9^4$
$\mathbf{11115} := 0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$	$\mathbf{11133} := 0^8 + 1^9 + 2^7 + 3^6 + 4^3 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0$	$\mathbf{11151} := 0^5 - 1^6 - 2^9 - 3^8 + 4^7 + 5^2 + 6^4 + 7^1 + 8^3 + 9^0$
$\mathbf{11116} := 0^6 + 1^9 - 2^8 + 3^7 + 4^1 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$	$\mathbf{11134} := 0^8 + 1^9 + 2^7 + 3^6 + 4^3 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1$	$\mathbf{11152} := 0^7 - 1^8 - 2^9 + 3^6 + 4^1 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$
$\mathbf{11117} := 0^8 - 1^9 - 2^5 + 3^7 + 4^6 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3$	$\mathbf{11135} := 0^7 + 1^9 - 2^8 + 3^3 + 4^6 + 5^5 + 6^2 + 7^0 + 8^4 + 9^1$	$\mathbf{11153} := 0^5 + 1^6 - 2^9 - 3^8 + 4^7 + 5^2 + 6^4 + 7^1 + 8^3 + 9^0$
$\mathbf{11118} := 0^6 - 1^9 - 2^8 + 3^7 + 4^0 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$	$\mathbf{11136} := 0^8 - 1^9 + 2^0 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$	$\mathbf{11154} := 0^7 + 1^8 - 2^9 + 3^6 + 4^1 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$
$\mathbf{11119} := 0^8 + 1^9 - 2^5 + 3^7 + 4^6 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3$	$\mathbf{11137} := 0^3 + 1^8 + 2^6 - 3^9 + 4^7 + 5^2 + 6^5 + 7^0 + 8^1 + 9^4$	$\mathbf{11155} := 0^4 - 1^7 + 2^9 - 3^8 + 4^5 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0$
$\mathbf{11120} := 0^8 - 1^9 + 2^0 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$	$\mathbf{11138} := 0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$	$\mathbf{11156} := 0^7 - 1^8 - 2^9 + 3^6 + 4^0 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$
$\mathbf{11121} := 0^8 + 1^9 - 2^5 + 3^7 + 4^6 + 5^0 + 6^2 + 7^1 + 8^4 + 9^3$	$\mathbf{11139} := 0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^3 + 7^1 + 8^4 + 9^0$	$\mathbf{11157} := 0^5 - 1^7 - 2^9 + 3^8 + 4^6 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$
$\mathbf{11122} := 0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$	$\mathbf{11140} := 0^3 + 1^8 - 2^9 - 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$	$\mathbf{11158} := 0^7 + 1^8 - 2^9 + 3^6 + 4^0 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$
$\mathbf{11123} := 0^8 + 1^9 - 2^6 + 3^7 + 4^1 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2$	$\mathbf{11141} := 0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^3 + 7^1 + 8^4 + 9^0$	$\mathbf{11159} := 0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$
$\mathbf{11124} := 0^8 - 1^9 - 2^6 + 3^7 + 4^0 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$	$\mathbf{11142} := 0^3 + 1^8 - 2^9 - 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4$	$\mathbf{11160} := 0^6 - 1^8 + 2^9 + 3^7 + 4^4 + 5^1 + 6^5 + 7^3 + 8^0 + 9^2$
$\mathbf{11125} := 0^7 + 1^9 + 2^6 - 3^8 + 4^4 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$	$\mathbf{11143} := 0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^3 + 7^0 + 8^4 + 9^1$	$\mathbf{11161} := 0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0$
$\mathbf{11126} := 0^8 + 1^9 - 2^6 + 3^7 + 4^0 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$	$\mathbf{11144} := 0^7 - 1^8 - 2^9 + 3^6 + 4^2 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$	$\mathbf{11162} := 0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^1 + 6^5 + 7^3 + 8^0 + 9^2$
$\mathbf{11127} := 0^1 - 1^9 + 2^8 - 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$	$\mathbf{11145} := 0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^1 + 6^5 + 7^3 + 8^2 + 9^0$	$\mathbf{11163} := 0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0$
$\mathbf{11128} := 0^8 + 1^9 - 2^1 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$	$\mathbf{11146} := 0^7 + 1^8 - 2^9 + 3^6 + 4^2 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$	$\mathbf{11164} := 0^7 - 1^9 + 2^6 - 3^8 + 4^4 + 5^1 + 6^0 + 7^5 + 8^3 + 9^2$
$\mathbf{11129} := 0^6 - 1^9 - 2^8 + 3^7 + 4^1 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$	$\mathbf{11147} := 0^6 - 1^8 + 2^9 + 3^7 + 4^4 + 5^0 + 6^5 + 7^3 + 8^2 + 9^1$	$\mathbf{11165} := 0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^0 + 6^5 + 7^3 + 8^1 + 9^2$

11166 := $0^7 - 1^8 + 2^9 + 3^6 + 4^2 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
11167 := $0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1$
11168 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
11169 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
11170 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1$
11171 := $0^8 - 1^9 + 2^5 + 3^7 + 4^6 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3$
11172 := $0^8 - 1^9 + 2^5 + 3^7 + 4^6 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$
11173 := $0^8 + 1^9 + 2^5 + 3^7 + 4^6 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3$
11174 := $0^8 + 1^9 + 2^5 + 3^7 + 4^6 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$
11175 := $0^7 - 1^9 - 2^8 + 3^3 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$
11176 := $0^7 - 1^9 - 2^8 + 3^3 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$
11177 := $0^7 + 1^9 - 2^8 + 3^3 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$
11178 := $0^7 + 1^9 - 2^8 + 3^3 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$
11179 := $0^5 + 1^6 - 2^9 - 3^8 + 4^7 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$
11180 := $0^7 + 1^9 + 2^5 - 3^8 + 4^0 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$
11181 := $0^7 - 1^9 + 2^6 + 3^8 + 4^3 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0$
11182 := $0^6 + 1^7 - 2^9 - 3^8 + 4^2 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$
11183 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0$
11184 := $0^8 - 1^9 + 2^7 + 3^6 + 4^2 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$
11185 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^5 + 6^4 + 7^0 + 8^2 + 9^1$
11186 := $0^8 + 1^9 + 2^7 + 3^6 + 4^2 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$
11187 := $0^8 - 1^9 + 2^6 + 3^7 + 4^2 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0$
11188 := $0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1$
11189 := $0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0$
11190 := $0^7 + 1^9 - 2^8 + 3^5 + 4^6 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$
11191 := $0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^4 + 6^5 + 7^0 + 8^3 + 9^1$
11192 := $0^7 - 1^8 - 2^9 + 3^6 + 4^0 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$
11193 := $0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2$
11194 := $0^8 - 1^9 + 2^5 + 3^7 + 4^6 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3$
11195 := $0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2$
11196 := $0^8 + 1^9 + 2^5 + 3^7 + 4^6 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3$
11197 := $0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^3 + 7^1 + 8^4 + 9^2$
11198 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
11199 := $0^8 + 1^9 + 2^7 + 3^5 + 4^6 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$
11200 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2$
11201 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$
11202 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$
11203 := $0^7 - 1^8 + 2^9 + 3^6 - 4^1 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$
11204 := $0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^4 + 6^0 + 7^3 + 8^1 + 9^2$
11205 := $0^7 - 1^9 + 2^8 + 3^6 + 4^2 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$
11206 := $0^7 - 1^9 + 2^8 + 3^6 + 4^2 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$
11207 := $0^7 + 1^9 + 2^8 + 3^6 + 4^2 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$
11208 := $0^7 + 1^9 + 2^8 + 3^6 + 4^2 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$
11209 := $0^6 - 1^7 + 2^9 - 3^8 + 4^4 + 5^3 + 6^1 + 7^5 + 8^2 + 9^0$
11210 := $0^8 + 1^9 + 2^7 + 3^5 + 4^6 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4$
11211 := $0^6 - 1^9 + 2^8 + 3^7 + 4^2 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$
11212 := $0^8 + 1^9 + 2^7 + 3^5 + 4^6 + 5^3 + 6^0 + 7^2 + 8^1 + 9^4$
11213 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$
11214 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1$
11215 := $0^7 + 1^8 + 2^9 - 3^5 + 4^6 + 5^0 + 6^3 + 7^1 + 8^2 + 9^4$
11216 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4$
11217 := $0^8 - 1^9 + 2^6 + 3^7 + 4^1 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$
11218 := $0^6 + 1^9 - 2^5 - 3^8 + 4^7 + 5^4 + 6^0 + 7^1 + 8^2 + 9^3$
11219 := $0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$
11220 := $0^6 - 1^8 + 2^0 - 3^9 + 4^7 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$
11221 := $0^6 - 1^8 + 2^9 + 3^7 + 4^3 + 5^4 + 6^5 + 7^2 + 8^1 + 9^0$
11222 := $0^6 - 1^8 + 2^9 + 3^7 + 4^3 + 5^4 + 6^5 + 7^2 + 8^0 + 9^1$
11223 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^4 + 6^5 + 7^2 + 8^1 + 9^0$
11224 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^4 + 6^5 + 7^2 + 8^0 + 9^1$
11225 := $0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^5 + 6^2 + 7^0 +$

$$\begin{aligned}
11313 &:= 0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0 \\
11314 &:= 0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1 \\
11315 &:= 0^8 + 1^9 + 2^7 + 3^5 + 4^6 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4 \\
11316 &:= 0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4 \\
11317 &:= 0^7 + 1^9 + 2^8 + 3^6 + 4^3 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2 \\
11318 &:= 0^8 + 1^9 - 2^7 + 3^5 + 4^6 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4 \\
11319 &:= 0^8 - 1^9 - 2^7 + 3^6 + 4^1 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0 \\
11320 &:= 0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2 \\
11321 &:= 0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2 \\
11322 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2 \\
11323 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2 \\
11324 &:= 0^7 - 1^9 + 2^8 + 3^5 + 4^6 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4 \\
11325 &:= 0^7 - 1^9 + 2^8 + 3^5 + 4^6 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4 \\
11326 &:= 0^7 + 1^9 + 2^8 + 3^5 + 4^6 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4 \\
11327 &:= 0^7 + 1^9 + 2^8 + 3^5 + 4^6 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4 \\
11328 &:= 0^3 + 1^6 + 2^8 - 3^9 + 4^7 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4 \\
11329 &:= 0^6 - 1^8 + 2^9 + 3^7 + 4^4 + 5^1 + 6^5 + 7^0 + 8^3 + 9^2 \\
11330 &:= 0^7 + 1^9 + 2^6 - 3^8 + 4^4 + 5^2 + 6^0 + 7^5 + 8^1 + 9^3 \\
11331 &:= 0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^1 + 6^5 + 7^0 + 8^3 + 9^2 \\
11332 &:= 0^6 + 1^9 + 2^0 + 3^8 - 4^7 + 5^2 + 6^3 + 7^5 + 8^4 + 9^1 \\
11333 &:= 0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^0 + 6^5 + 7^1 + 8^3 + 9^2 \\
11334 &:= 0^7 - 1^9 - 2^6 + 3^8 + 4^0 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1 \\
11335 &:= 0^7 - 1^9 - 2^8 + 3^0 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1 \\
11336 &:= 0^7 - 1^9 + 2^8 + 3^5 + 4^6 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4 \\
11337 &:= 0^7 + 1^9 - 2^8 + 3^0 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1 \\
11338 &:= 0^7 + 1^9 + 2^8 + 3^5 + 4^6 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4 \\
11339 &:= 0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0 \\
11340 &:= 0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4 \\
11341 &:= 0^6 + 1^7 - 2^9 + 3^8 + 4^5 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1 \\
11342 &:= 0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4 \\
11343 &:= 0^3 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^4 + 8^1 + 9^0 \\
11344 &:= 0^3 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^4 + 8^0 + 9^1 \\
11345 &:= 0^2 + 1^8 + 2^9 - 3^7 + 4^6 + 5^4 + 6^5 + 7^0 + 8^3 + 9^1 \\
11346 &:= 0^7 - 1^9 - 2^6 + 3^8 + 4^1 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2 \\
11347 &:= 0^5 - 1^6 + 2^9 - 3^8 + 4^7 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0 \\
11348 &:= 0^7 + 1^9 - 2^6 + 3^8 + 4^1 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2 \\
11349 &:= 0^6 - 1^7 - 2^9 + 3^8 + 4^5 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0 \\
11350 &:= 0^7 - 1^9 - 2^6 + 3^8 + 4^0 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2 \\
11351 &:= 0^7 - 1^9 + 2^8 + 3^5 + 4^6 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4 \\
11352 &:= 0^7 - 1^9 + 2^8 + 3^5 + 4^6 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4 \\
11353 &:= 0^7 + 1^9 + 2^8 + 3^5 + 4^6 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4 \\
11354 &:= 0^7 + 1^9 + 2^8 + 3^5 + 4^6 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4 \\
11355 &:= 0^7 - 1^9 + 2^8 + 3^6 + 4^1 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0 \\
11356 &:= -0^0 + 1^8 - 2^9 - 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4 \\
11357 &:= 0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0 \\
11358 &:= 0^0 + 1^8 - 2^9 - 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4 \\
11359 &:= 0^1 - 1^9 + 2^8 - 3^7 + 4^6 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3 \\
11360 &:= 0^7 - 1^9 + 2^8 + 3^6 + 4^0 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1 \\
11361 &:= 0^7 - 1^9 - 2^8 + 3^1 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2 \\
11362 &:= 0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1 \\
11363 &:= 0^7 + 1^9 - 2^8 + 3^1 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2 \\
11364 &:= 0^6 - 1^9 + 2^5 - 3^8 + 4^7 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2 \\
11365 &:= 0^7 - 1^9 - 2^8 + 3^0 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2 \\
11366 &:= 0^6 + 1^9 + 2^5 - 3^8 + 4^7 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2 \\
11367 &:= 0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0 \\
11368 &:= 0^0 + 1^9 + 2^8 - 3^7 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3 \\
11369 &:= 0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0 \\
11370 &:= 0^3 - 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1 \\
11371 &:= 0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^4 + 6^1 + 7^0 + 8^3 + 9^2 \\
11372 &:= 0^7 - 1^9 + 2^8 + 3^6 + 4^1 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2 \\
11373 &:= 0^4 - 1^7 + 2^9 - 3^8 + 4^5 + 5^6 + 6^2 + 7^0 + 8^1 + 9^3 \\
11374 &:= 0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2 \\
11375 &:= 0^9 - 1^0 + 2^8 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1 \\
11376 &:= -0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1 \\
11377 &:= 0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1 \\
11378 &:= 0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1 \\
11379 &:= 0^6 - 1^9 + 2^8 + 3^7 + 4^2 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0 \\
11380 &:= -0^0 + 1^4 - 2^9 + 3^7 - 4^8 + 5^6 + 6^1 + 7^2 + 8^3 + 9^5 \\
11381 &:= 0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0 \\
11382 &:= 0^6 - 1^7 - 2^9 + 3^8 + 4^5 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2 \\
11383 &:= 0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^4 + 6^5 + 7^0 + 8^3 + 9^1 \\
11384 &:= 0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2 \\
11385 &:= 0^1 + 1^8 + 2^9 - 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0 \\
11386 &:= 0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2 \\
11387 &:= 0^6 + 1^8 - 2^2 - 3^9 + 4^7 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4 \\
11388 &:= 0^3 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^1 + 9^2 \\
11389 &:= 0^6 - 1^9 - 2^7 + 3^8 + 4^2 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0 \\
11390 &:= -0^0 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2 \\
11391 &:= 0^9 - 1^0 + 2^8 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2 \\
11392 &:= -0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2 \\
11393 &:= 0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2 \\
11394 &:= 0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2 \\
11395 &:= 0^5 - 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3 \\
11396 &:= 0^5 - 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3 \\
11397 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3 \\
11398 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3 \\
11399 &:= 0^5 + 1^9 + 2^6 - 3^8 + 4^7 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2 \\
11400 &:= 0^7 - 1^9 - 2^8 + 3^6 + 4^2 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3 \\
11401 &:= 0^4 + 1^7 + 2^9 - 3^8 + 4^5 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3 \\
11402 &:= 0^8 - 1^9 + 2^7 + 3^5 + 4^6 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4 \\
11403 &:= 0^7 - 1^9 - 2^8 + 3^6 + 4^2 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3 \\
11404 &:= 0^8 + 1^9 + 2^7 + 3^5 + 4^6 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4 \\
11405 &:= 0^5 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3 \\
11406 &:= 0^7 + 1^9 + 2^8 + 3^5 + 4^6 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4 \\
11407 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3 \\
11408 &:= 0^7 - 1^9 - 2^8 + 3^6 + 4^1 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3 \\
11409 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^2 + 7^1 + 8^4 + 9^3 \\
11410 &:= 0^7 + 1^9 - 2^8 + 3^6 + 4^1 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3 \\
11411 &:= 0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0 \\
11412 &:= 0^8 - 1^9 + 2^7 + 3^5 + 4^6 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4 \\
11413 &:= 0^7 - 1^9 + 2^6 + 3^8 + 4^2 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0 \\
11414 &:= 0^8 + 1^9 + 2^7 + 3^5 + 4^6 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4 \\
11415 &:= 0^7 + 1^9 + 2^6 + 3^8 + 4^2 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0 \\
11416 &:= 0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1 \\
11417 &:= 0^8 + 1^9 + 2^7 + 3^5 + 4^6 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4 \\
11418 &:= 0^5 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3 \\
11419 &:= 0^5 - 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^1 + 7^2 + 8^4 + 9^3 \\
11420 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3 \\
11421 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^1 + 7^2 + 8^4 + 9^3 \\
11422 &:= 0^7 - 1^9 - 2^8 + 3^2 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1 \\
11423 &:= 0^8 + 1^9 - 2^7 + 3^2 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0 \\
11424 &:= 0^7 + 1^9 - 2^8 + 3^2 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1 \\
11425 &:= 0^8 + 1^9 - 2^7 + 3^2 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^1 \\
11426 &:= 0^7 - 1^9 + 2^8 + 3^5 + 4^6 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4 \\
11427 &:= 0^5 - 1^9 - 2^7 + 3^8 + 4^6 + 5^4 + 6^3 + 7^2 + 8^1 + 9^0 \\
11428 &:= 0^7 + 1^9 + 2^8 + 3^5 + 4^6 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4 \\
11429 &:= 0^7 - 1^9 + 2^8 + 3^5 + 4^6 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4 \\
11430 &:= 0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^4 + 6^3 + 7^2 + 8^0 + 9^1 \\
11431 &:= 0^7 + 1^9 + 2^8 + 3^5 + 4^6 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4 \\
11432 &:= 0^2 - 1^8 - 2^9 - 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4 \\
11433 &:= 0^3 + 1^7 - 2^9 - 3^8 + 4^6 + 5^0 + 6^5 + 7^1 + 8^2 + 9^4 \\
11434 &:= 0^8 - 1^9 + 2^6 + 3^7 + 4^1 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3 \\
11435 &:= 0^1 + 1^7 - 2^9 - 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0 \\
11436 &:= 0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3 \\
11437 &:= 0^8 - 1^9 - 2^2 + 3^7 + 4^6 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3 \\
11438 &:= 0^8 - 1^9 + 2^6 + 3^7 + 4^0 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3 \\
11439 &:= 0^8 + 1^9 - 2^2 + 3^7 + 4^6 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3 \\
11440 &:= 0^8 + 1^9 + 2^6 + 3^7 + 4^0 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3 \\
11441 &:= 0^6 - 1^9 + 2^8 + 3^7 + 4^1 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2 \\
11442 &:= 0^8 + 1^9 + 2^7 + 3^5 + 4^6 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4 \\
11443 &:= 0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2 \\
11444 &:= 0^6 - 1^9 + 2^8 + 3^7 + 4^0 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2 \\
11445 &:= 0^7 + 1^9 + 2^8 + 3^5 + 4^6 + 5^0 + 6^3 + 7^1 + 8^2 + 9^4 \\
11446 &:= 0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2 \\
11447 &:= 0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3 \\
11448 &:= 0^7 - 1^9 - 2^8 + 3^6 + 4^0 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3 \\
11449 &:= 0^8 - 1^9 + 2^6 + 3^7 + 4^1 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3 \\
11450 &:= 0^7 + 1^9 - 2^8 + 3^6 + 4^0 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3 \\
11451 &:= 0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3 \\
11452 &:= 0^8 - 1^9 + 2^6 + 3^7 + 4^0 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3 \\
11453 &:= 0^6 + 1^9 - 2^7 + 3^8 + 4^1 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2 \\
11454 &:= 0^8 + 1^9 + 2^6 + 3^7 + 4^0 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3 \\
11455 &:= 0^7 + 1^9 - 2^6 + 3^8 + 4^2 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0 \\
11456 &:= 0^6 + 1^9 - 2^7 + 3^8 + 4^0 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2 \\
11457 &:= 0^7 - 1^9 + 2^6 + 3^8 + 4^1 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0 \\
11458 &:= 0^5 - 1^9 - 2^7 + 3^8 + 4^6 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2 \\
11459 &:= 0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0
\end{aligned}$$

11460 := $0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$
11461 := $0^7 - 1^8 + 2^9 + 3^6 + 4^2 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$
11462 := $0^7 - 1^8 + 2^9 + 3^6 + 4^2 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$
11463 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$
11464 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$
11465 := $0^8 + 1^9 - 2^7 + 3^0 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
11466 := $0^6 + 1^9 - 2^5 - 3^8 + 4^7 + 5^2 + 6^4 + 7^3 + 8^0 + 9^1$
11467 := $0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$
11468 := $0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1$
11469 := $0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$
11470 := $0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1$
11471 := $0^6 + 1^8 - 2^9 + 3^7 + 4^3 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$
11472 := $0^1 + 1^8 + 2^6 - 3^9 + 4^7 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$
11473 := $0^6 + 1^7 - 2^9 + 3^8 + 4^5 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2$
11474 := $0^7 - 1^9 + 2^6 + 3^8 + 4^1 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$
11475 := $0^6 + 1^7 - 2^9 + 3^8 + 4^5 + 5^0 + 6^3 + 7^1 + 8^4 + 9^2$
11476 := $0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$
11477 := $0^6 - 1^9 + 2^7 + 3^8 + 4^2 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0$
11478 := $0^6 - 1^9 + 2^7 + 3^8 + 4^2 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1$
11479 := $0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0$
11480 := $0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1$
11481 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$
11482 := $0^7 - 1^8 + 2^9 + 3^6 + 4^0 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$
11483 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^4 + 7^0 + 8^3 + 9^1$
11484 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$
11485 := $0^7 + 1^9 - 2^6 + 3^8 + 4^1 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0$
11486 := $0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3$
11487 := $0^7 - 1^9 + 2^6 - 3^8 + 4^1 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$
11488 := $0^7 - 1^9 - 2^6 + 3^8 + 4^0 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
11489 := $0^8 - 1^9 - 2^7 + 3^1 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2$
11490 := $0^8 - 1^9 + 2^0 + 3^7 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$
11491 := $0^8 + 1^9 - 2^7 + 3^1 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2$
11492 := $0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$
11493 := $0^6 - 1^8 + 2^9 + 3^7 + 4^4 + 5^2 + 6^5 + 7^0 + 8^1 + 9^3$
11494 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^2 + 6^5 + 7^1 + 8^0 + 9^3$
11495 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^2 + 6^5 + 7^0 + 8^1 + 9^3$
11496 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^5 + 6^1 + 7^2 + 8^3 + 9^4$
11497 := $0^6 + 1^8 - 2^9 + 3^7 + 4^3 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$
11498 := $0^6 + 1^8 - 2^9 + 3^7 + 4^3 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$
11499 := $0^8 - 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$
11500 := $-0^0 + 1^3 - 2^7 - 3^8 - 4^9 + 5^1 + 6^4 + 7^5 + 8^6 + 9^2$
11501 := $0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$
11502 := $0^8 - 1^9 - 2^0 + 3^7 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$
11503 := $0^6 - 1^9 - 2^5 - 3^8 + 4^7 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$
11504 := $0^8 - 1^9 + 2^0 + 3^7 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$
11505 := $0^8 - 1^9 + 2^7 - 3^3 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$
11506 := $0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$
11507 := $0^8 + 1^9 + 2^7 - 3^3 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$
11508 := $0^8 + 1^9 + 2^7 - 3^3 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$
11509 := $0^1 - 1^8 + 2^6 - 3^9 + 4^7 + 5^0 + 6^5 + 7^3 + 8^2 + 9^4$
11510 := $0^5 - 1^7 - 2^9 - 3^8 + 4^0 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1$
11511 := $0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$
11512 := $-0^0 - 1^8 + 2^6 - 3^9 + 4^7 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$
11513 := $0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$
11514 := $0^6 - 1^8 + 2^9 + 3^7 + 4^4 + 5^1 + 6^5 + 7^2 + 8^0 + 9^3$
11515 := $0^7 - 1^8 + 2^9 + 3^6 + 4^3 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0$
11516 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^1 + 6^5 + 7^2 + 8^0 + 9^3$
11517 := $0^7 + 1^8 + 2^9 + 3^6 + 4^3 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0$
11518 := $0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$
11519 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^0 + 6^5 + 7^2 +$

116007 := $0^7 - 1^8 + 2^9 + 3^5 + 4^6 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$
116008 := $0^7 - 1^8 + 2^9 + 3^5 + 4^6 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$
116009 := $0^7 + 1^8 + 2^9 + 3^5 + 4^6 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$
11610 := $0^7 + 1^8 + 2^9 + 3^5 + 4^6 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$
11611 := $0^7 - 1^8 + 2^9 + 3^6 + 4^1 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
11612 := $0^5 - 1^9 + 2^6 - 3^8 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$
11613 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
11614 := $0^5 + 1^9 + 2^6 - 3^8 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$
11615 := $0^6 - 1^7 + 2^9 + 3^8 + 4^3 + 5^5 + 6^4 + 7^2 + 8^1 + 9^0$
11616 := $0^6 - 1^7 + 2^9 + 3^8 + 4^3 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1$
11617 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^5 + 6^4 + 7^2 + 8^1 + 9^0$
11618 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1$
11619 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2$
11620 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$
11621 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2$
11622 := $-0^0 + 1^8 + 2^9 - 3^7 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$
11623 := $0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
11624 := $0^5 - 1^7 - 2^9 + 3^8 + 4^6 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$
11625 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
11626 := $0^6 - 1^9 + 2^8 + 3^7 + 4^1 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
11627 := $0^5 + 1^7 + 2^9 - 3^8 + 4^2 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$
11628 := $0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
11629 := $0^6 - 1^7 + 2^9 + 3^8 + 4^3 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0$
11630 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$
11631 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0$
11632 := $0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
11633 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^5 + 6^4 + 7^0 + 8^2 + 9^1$
11634 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
11635 := $0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0$
11636 := $0^6 + 1^8 - 2^9 + 3^7 + 4^0 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$
11637 := $0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0$
11638 := $0^6 + 1^9 - 2^7 + 3^8 + 4^1 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3$
11639 := $0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^4 + 6^5 + 7^0 + 8^3 + 9^1$
11640 := $0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$
11641 := $0^6 - 1^9 + 2^8 + 3^7 + 4^1 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$
11642 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$
11643 := $0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$
11644 := $0^6 - 1^9 + 2^8 + 3^7 + 4^0 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$
11645 := $0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2$
11646 := $0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$
11647 := $0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$
11648 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2$
11649 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$
11650 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$
11651 := $0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3$
11652 := $0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$
11653 := $0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3$
11654 := $0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$
11655 := $0^7 - 1^9 + 2^8 + 3^3 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
11656 := $0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2$
11657 := $0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
11658 := $0^7 - 1^9 + 2^8 + 3^3 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
11659 := $0^8 - 1^9 + 2^7 - 3^2 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0$
11660 := $0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
11661 := $0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3$
11662 := $0^7 + 1^8 + 2^9 + 3^5 + 4^6 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4$
11663 := $0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3$
11664 := $0^1 + 1^6 + 2^8 - 3^9 + 4^7 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$
11665 := $0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^2 + 7^1 + 8^4 + 9^3$
11666 := $0^7 - 1^9 - 2^5 + 3^8 + 4^6 + 5^4 + 6^0 + 7^$

11754 := $0^6 + 1^9 - 2^8 + 3^7 + 4^3 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$	11803 := $0^8 - 1^9 + 2^7 + 3^2 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$	11852 := $0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3$
11755 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$	11804 := $0^7 + 1^9 + 2^5 - 3^8 + 4^0 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2$	11853 := $0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$
11756 := $0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^4 + 6^0 + 7^1 + 8^3 + 9^2$	11805 := $0^8 + 1^9 + 2^7 + 3^2 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$	11854 := $0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3$
11757 := $0^7 + 1^9 + 2^6 - 3^8 + 4^2 + 5^3 + 6^4 + 7^5 + 8^1 + 9^0$	11806 := $0^8 - 1^9 + 2^7 + 3^2 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1$	11855 := $0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$
11758 := $-0^0 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$	11807 := $0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0$	11856 := $0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$
11759 := $0^7 - 1^9 + 2^8 + 3^6 + 4^1 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$	11808 := $0^8 + 1^9 + 2^7 + 3^2 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1$	11857 := $0^6 + 1^9 - 2^7 + 3^8 + 4^5 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2$
11760 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$	11809 := $0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^1$	11858 := $0^6 + 1^9 - 2^8 + 3^7 + 4^2 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
11761 := $0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$	11810 := $0^7 - 1^9 + 2^1 - 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$	11859 := $0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$
11762 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$	11811 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2$	11860 := $0^0 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$
11763 := $0^7 - 1^9 + 2^8 - 3^6 + 4^2 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$	11812 := $0^7 + 1^9 + 2^1 - 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$	11861 := $0^6 - 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0$
11764 := $0^0 + 1^6 + 2^9 + 3^8 - 4^7 + 5^3 + 6^2 + 7^5 + 8^4 + 9^1$	11813 := $0^2 + 1^6 + 2^8 - 3^9 + 4^7 + 5^1 + 6^5 + 7^0 + 8^3 + 9^4$	11862 := $0^6 - 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1$
11765 := $0^6 - 1^9 - 2^7 + 3^8 + 4^5 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$	11814 := $-0^0 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	11863 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0$
11766 := $0^6 - 1^9 - 2^7 + 3^8 + 4^5 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2$	11815 := $0^8 - 1^0 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	11864 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1$
11767 := $0^6 + 1^9 - 2^7 + 3^8 + 4^5 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$	11816 := $-0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	11865 := $0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3$
11768 := $0^6 + 1^9 - 2^7 + 3^8 + 4^5 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2$	11817 := $0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	11866 := $0^6 + 1^7 - 2^9 + 3^8 + 4^0 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
11769 := $0^6 + 1^9 + 2^7 - 3^8 + 4^3 + 5^2 + 6^4 + 7^5 + 8^1 + 9^0$	11818 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	11867 := $0^7 + 1^9 - 2^6 + 3^8 + 4^5 + 5^2 + 6^3 + 7^1 + 8^4 + 9^0$
11770 := $0^6 + 1^9 + 2^7 - 3^8 + 4^1 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$	11819 := $0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^2 + 6^4 + 7^3 + 8^1 + 9^0$	11868 := $0^8 + 1^9 + 2^7 - 3^1 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
11771 := $0^7 - 1^9 + 2^8 - 3^6 + 4^1 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0$	11820 := $0^2 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1$	11869 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0$
11772 := $0^6 - 1^8 - 2^9 + 3^7 + 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$	11821 := $0^6 + 1^9 + 2^7 - 3^8 + 4^2 + 5^3 + 6^4 + 7^5 + 8^1 + 9^0$	11870 := $0^5 - 1^7 - 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$
11773 := $0^7 + 1^9 + 2^8 - 3^6 + 4^1 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0$	11822 := $0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1$	11871 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0$
11774 := $0^6 + 1^8 - 2^9 + 3^7 + 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$	11823 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$	11872 := $0^8 - 1^9 + 2^7 + 3^1 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
11775 := $0^7 + 1^8 + 2^9 - 3^6 + 4^3 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$	11824 := $0^7 - 1^8 + 2^9 + 3^5 + 4^6 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$	11873 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^4 + 6^2 + 7^0 + 8^3 + 9^1$
11776 := $0^6 + 1^8 - 2^9 + 3^7 + 4^0 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$	11825 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$	11874 := $0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
11777 := $0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0$	11826 := $0^7 + 1^8 + 2^9 + 3^5 + 4^6 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$	11875 := $0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2$
11778 := $0^2 - 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$	11827 := $0^7 + 1^8 + 2^9 + 3^5 + 4^6 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4$	11876 := $0^8 + 1^9 - 2^3 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$
11779 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0$	11828 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1$	11877 := $0^8 + 1^9 + 2^7 + 3^0 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^2$
11780 := $0^2 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$	11829 := $0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$	11878 := $0^6 + 1^7 - 2^9 + 3^8 + 4^1 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$
11781 := $0^5 - 1^9 + 2^6 - 3^8 + 4^7 + 5^1 + 6^4 + 7^0 + 8^3 + 9^2$	11830 := $0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3$	11879 := $0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$
11782 := $0^1 + 1^8 - 2^9 - 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$	11831 := $0^8 - 1^9 + 2^7 + 3^6 + 4^1 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3$	11880 := $0^6 - 1^7 - 2^9 + 3^8 + 4^0 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$
11783 := $0^5 + 1^9 + 2^6 - 3^8 + 4^7 + 5^1 + 6^4 + 7^0 + 8^3 + 9^2$	11832 := $0^7 - 1^9 + 2^6 + 3^8 + 4^0 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$	11881 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$
11784 := $0^8 - 1^9 + 2^7 + 3^6 + 4^2 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$	11833 := $0^8 + 1^9 + 2^7 + 3^6 + 4^1 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3$	11882 := $0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
11785 := $0^8 - 1^0 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$	11834 := $0^7 + 1^9 + 2^6 + 3^8 + 4^0 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$	11883 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$
11786 := $0^8 + 1^9 + 2^7 + 3^6 + 4^2 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$	11835 := $0^8 + 1^9 + 2^7 + 3^0 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1$	11884 := $0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
11787 := $0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$	11836 := $0^5 + 1^9 + 2^7 - 3^8 + 4^2 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1$	11885 := $0^6 - 1^9 - 2^5 - 3^8 + 4^7 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3$
11788 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$	11837 := $0^7 + 1^9 + 2^8 - 3^1 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$	11886 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1$
11789 := $0^8 + 1^9 + 2^7 + 3^6 + 4^2 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3$	11838 := $-0^0 + 1^6 + 2^8 - 3^9 + 4^7 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4$	11887 := $0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$
11790 := $0^7 + 1^8 + 2^9 + 3^5 + 4^6 + 5^2 + 6^0 + 7^3 + 8^1 + 9^4$	11839 := $0^6 + 1^0 + 2^8 - 3^9 + 4^7 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4$	11888 := $0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
11791 := $0^7 + 1^9 + 2^8 - 3^2 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^1$	11840 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$	11889 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$
11792 := $0^8 - 1^9 + 2^7 + 3^6 + 4^1 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$	11841 := $0^7 - 1^9 + 2^8 + 3^1 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$	11890 := $0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$
11793 := $0^7 - 1^9 + 2^1 - 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$	11842 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$	11891 := $0^7 - 1^9 - 2^6 + 3^8 + 4^5 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1$
11794 := $0^8 + 1^9 + 2^7 + 3^6 + 4^1 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$	11843 := $0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$	11892 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$
11795 := $0^7 + 1^9 + 2^1 - 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$	11844 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^0 + 7^3 + 8^1 + 9^2$	11893 := $0^7 + 1^9 - 2^6 + 3^8 + 4^5 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1$
11796 := $0^7 - 1^8 + 2^9 + 3^5 + 4^6 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$	11845 := $0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$	11894 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3$
11797 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$	11846 := $0^7 - 1^9 + 2^6 + 3^8 + 4^0 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$	11895 := $0^7 + 1^9 - 2^8 + 3^4 + 4^6 + 5^3 + 6^5 + 7^1 + 8^2 + 9^0$
11798 := $0^7 + 1^8 + 2^9 + 3^5 + 4^6 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$	11847 := $0^7 - 1^9 + 2^8 + 3^0 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$	11896 := $0^6 - 1^9 + 2^7 + 3^8 + 4^0 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$
11799 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$	11848 := $0^7 + 1^9 + 2^6 + 3^8 + 4^0 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$	11897 := $0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$
11800 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$	11849 := $0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$	11898 := $0^6 + 1^9 + 2^7 + 3^8 + 4^0 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$
11801 := $0^7 + 1^8 + 2^9 + 3^5 + 4^6 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4$	11850 := $0^1 - 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$	11899 := $0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$
11802 := $0^7 + 1^9 - 2^6 + 3^8 + 4^5 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1$	11851 := $0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^4 + 6^1 + 7^0 + 8^3 + 9^2$	11900 := $0^6 - 1^8 + 2^9 + 3^7 + 4^0 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$

11901 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$
11902 := $0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$
11903 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^5 + 6^2 + 7^0 + 8^4 + 9^1$
11904 := $0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2$
11905 := $0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
11906 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2$
11907 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
11908 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^1 + 9^2$
11909 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$
11910 := $0^6 - 1^7 + 2^9 + 3^8 + 4^0 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
11911 := $0^7 - 1^8 + 2^9 + 3^3 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
11912 := $0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
11913 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
11914 := $0^7 + 1^9 + 2^8 + 3^6 + 4^2 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$
11915 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^4 + 6^1 + 7^0 + 8^3 + 9^2$
11916 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
11917 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1$
11918 := $0^6 + 1^8 - 2^9 + 3^7 + 4^0 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$
11919 := $0^8 + 1^9 - 2^6 + 3^7 + 4^3 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$
11920 := $0^7 - 1^9 + 2^8 + 3^6 + 4^1 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$
11921 := $0^7 + 1^9 - 2^6 + 3^8 + 4^5 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2$
11922 := $0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$
11923 := $0^7 + 1^9 - 2^6 + 3^8 + 4^5 + 5^0 + 6^3 + 7^1 + 8^4 + 9^2$
11924 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$
11925 := $0^7 - 1^9 + 2^6 + 3^8 + 4^5 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0$
11926 := $0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$
11927 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0$
11928 := $0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$
11929 := $0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^4 + 6^2 + 7^0 + 8^1 + 9^3$
11930 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1$
11931 := $0^7 - 1^9 + 2^8 + 3^2 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$
11932 := $0^6 + 1^7 - 2^9 + 3^8 + 4^5 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$
11933 := $0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$
11934 := $0^7 - 1^9 + 2^8 + 3^2 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1$

11935 := $0^8 + 1^9 - 2^7 + 3^2 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^3$
11936 := $0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1$
11937 := $0^6 - 1^9 - 2^7 + 3^8 + 4^5 + 5^1 + 6^2 + 7^3 + 8^4 + 9^0$
11938 := $0^5 - 1^9 - 2^7 + 3^8 + 4^6 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3$
11939 := $0^6 + 1^9 - 2^7 + 3^8 + 4^5 + 5^1 + 6^2 + 7^3 + 8^4 + 9^0$
11940 := $0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3$
11941 := $0^6 + 1^7 - 2^9 + 3^8 + 4^5 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3$
11942 := $0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^4 + 6^0 + 7^2 + 8^1 + 9^3$
11943 := $0^7 - 1^8 + 2^9 + 3^3 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$
11944 := $0^7 - 1^8 + 2^9 + 3^3 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$
11945 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$
11946 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$
11947 := $0^5 + 1^9 + 2^6 - 3^8 + 4^7 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3$
11948 := $0^8 - 1^9 + 2^2 - 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$
11949 := $0^6 - 1^8 - 2^9 + 3^7 + 4^3 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0$
11950 := $0^6 - 1^8 - 2^9 + 3^7 + 4^3 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1$
11951 := $0^7 - 1^8 + 2^9 + 3^6 + 4^2 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$
11952 := $0^2 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3$
11953 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$
11954 := $0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3$
11955 := $0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3$
11956 := $0^7 - 1^8 + 2^9 + 3^5 + 4^6 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$
11957 := $0^7 + 1^8 + 2^9 + 3^5 + 4^6 + 5^2 + 6^1 + 7^0 + 8^3 + 9^4$
11958 := $0^7 + 1^8 + 2^9 + 3^5 + 4^6 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$
11959 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$
11960 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2$
11961 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0$
11962 := $0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$
11963 := $0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1$
11964 := $0^7 - 1^8 + 2^9 + 3^6 + 4^0 + 5^2 + 6^5 + 7^4 + 8^3 + 9^1$
11965 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0$
11966 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^2 + 6^5 + 7^4 + 8^3 + 9^1$
11967 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0$
11968 := $0^5 + 1^9 + 2^6 - 3^8 + 4^7 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3$

11969 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^2 + 7^0 + 8^3 + 9^1$
11970 := $0^8 - 1^9 - 2^7 + 3^1 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$
11971 := $0^3 + 1^7 + 2^9 - 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^2 + 9^1$
11972 := $0^8 + 1^9 - 2^7 + 3^1 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$
11973 := $0^8 - 1^9 - 2^7 + 3^0 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$
11974 := $0^8 + 1^9 - 2^1 - 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
11975 := $0^8 + 1^9 - 2^7 + 3^0 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$
11976 := $0^8 - 1^9 + 2^1 - 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
11977 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$
11978 := $0^7 - 1^8 + 2^9 + 3^5 + 4^6 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4$
11979 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$
11980 := $0^7 + 1^8 + 2^9 + 3^5 + 4^6 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4$
11981 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1$
11982 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1$
11983 := $0^6 - 1^9 - 2^7 + 3^8 + 4^5 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2$
11984 := $0^6 + 1^9 - 2^7 + 3^8 + 4^5 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2$
11985 := $0^6 + 1^9 - 2^7 + 3^8 + 4^5 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2$
11986 := $0^6 + 1^9 - 2^8 + 3^7 + 4^2 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4$
11987 := $0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^2 + 6^4 + 7^1 + 8^3 + 9^0$
11988 := $0^0 + 1^8 + 2^9 + 3^2 - 4^7 + 5^6 + 6^5 + 7^3 + 8^4 + 9^1$
11989 := $0^6 - 1^9 + 2^7 + 3^8 + 4^5 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0$
11990 := $0^6 - 1^9 - 2^8 - 3^7 + 4^3 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4$
11991 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0$
11992 := $0^6 - 1^9 + 2^7 + 3^8 + 4^5 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1$
11993 := $0^7 - 1^9 + 2^6 + 3^8 + 4^5 + 5^2 + 6^3 + 7^1 + 8^4 + 9^0$
11994 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1$
11995 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^2 + 6^3 + 7^1 + 8^4 + 9^0$
11996 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3$
11997 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^2 + 6^3 + 7^0 + 8^4 + 9^1$
11998 := $0^0 + 1^1 - 2^8 + 3^7 - 4^9 + 5^5 + 6^2 + 7^3 + 8^6 + 9^4$
11999 := $0^5 + 1^6 - 2^9 - 3^8 + 4^7 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$
12000 := $0^7 - 1^9 + 2^8 + 3^1 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$

12001 := $0^8 - 1^0 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$
12002 := $0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
12003 := $0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$
12004 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$
12005 := $0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^2$
12006 := $0^6 + 1^9 - 2^8 + 3^7 + 4^0 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$
12007 := $0^6 + 1^8 - 2^9 + 3^7 + 4^3 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2$
12008 := $0^5 - 1^9 - 2^7 + 3^8 + 4^6 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$
12009 := $0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$
12010 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^0 + 7^1 + 8^3 + 9^2$
12011 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$
12012 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^0 + 7^1 + 8^3 + 9^2$
12013 := $0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$
12014 := $-0^0 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$

12015 := $0^7 - 1^8 + 2^9 + 3^6 + 4^1 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$
12016 := $-0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$
12017 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$
12018 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$
12019 := $0^7 - 1^9 + 2^6 + 3^8 + 4^5 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1$
12020 := $0^1 + 1^7 - 2^9 + 3^8 - 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
12021 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1$
12022 := $0^6 - 1^9 + 2^7 + 3^8 + 4^5 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2$
12023 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$
12024 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2$
12025 := $0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^3 + 6^4 + 7^0 + 8^2 + 9^1$
12026 := $0^7 + 1^9 - 2^6 - 3^8 + 4^0 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1$
12027 := $0^7 - 1^8 + 2^9 - 3^6 + 4^1 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0$
12028 := $0^6 - 1^9 - 2^8 + 3^7 + 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$

12029 := $0^6 - 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$
12030 := $0^6 + 1^9 - 2^8 + 3^7 + 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
12031 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$
12032 := $0^6 + 1^9 - 2^8 + 3^7 + 4^0 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$
12033 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^4 + 7^0 + 8^3 + 9^1$
12034 := $0^2 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3$
12035 := $0^2 + 1^9 + 2^7 - 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^1$
12036 := $0^2 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^1 + 9^3$
12037 := $0^8 - 1^9 + 2^2 + 3^7 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$
12038 := $0^8 - 1^9 + 2^2 + 3^7 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$
12039 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$
12040 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$
12041 := $0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^0 + 8^3 + 9^2$
12042 := $0^7 + 1^8 - 2^9 - 3^4 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^3$

12043 := $0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^0 + 6^4 + 7^1 + 8^3 + 9^2$	12092 := $0^1 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$	12141 := $0^7 + 1^9 + 2^6 - 3^8 + 4^2 + 5^1 + 6^4 + 7^5 + 8^3 + 9^0$
12044 := $0^8 - 1^9 + 2^6 + 3^7 + 4^3 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$	12093 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2$	12142 := $0^0 + 1^7 + 2^3 + 3^8 - 4^9 + 5^5 + 6^2 + 7^4 + 8^6 + 9^1$
12045 := $0^8 - 1^9 + 2^6 + 3^7 + 4^3 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$	12094 := $0^6 - 1^7 + 2^9 + 3^8 + 4^0 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	12143 := $0^7 - 1^9 + 2^6 - 3^8 + 4^2 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1$
12046 := $0^8 + 1^9 + 2^6 + 3^7 + 4^3 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$	12095 := $0^6 + 1^9 - 2^7 + 3^8 + 4^3 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$	12144 := $0^1 + 1^7 + 2^9 + 3^3 - 4^8 + 5^6 + 6^0 + 7^4 + 8^2 + 9^5$
12047 := $0^8 + 1^9 + 2^6 + 3^7 + 4^3 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$	12096 := $0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	12145 := $0^7 + 1^9 + 2^6 - 3^8 + 4^2 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1$
12048 := $0^7 + 1^9 - 2^6 + 3^8 + 4^5 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2$	12097 := $0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$	12146 := $0^1 - 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$
12049 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2$	12098 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$	12147 := $0^5 + 1^9 + 2^7 - 3^8 + 4^1 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0$
12050 := $0^8 + 1^9 - 2^6 + 3^7 + 4^2 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$	12099 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$	12148 := $0^1 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$
12051 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^0 + 6^3 + 7^1 + 8^4 + 9^2$	12100 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$	12149 := $0^7 + 1^9 + 2^6 - 3^8 + 4^1 + 5^2 + 6^4 + 7^5 + 8^3 + 9^0$
12052 := $0^6 + 1^8 - 2^9 + 3^7 + 4^0 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$	12101 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2$	12150 := $-0^0 - 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2$
12053 := $0^8 - 1^9 + 2^7 - 3^6 + 4^1 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$	12102 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^4 + 6^0 + 7^2 + 8^1 + 9^3$	12151 := $0^6 - 1^9 - 2^8 + 3^7 + 4^2 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$
12054 := $0^3 - 1^9 + 2^7 - 3^8 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$	12103 := $0^7 - 1^8 + 2^9 + 3^0 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$	12152 := $0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2$
12055 := $0^8 + 1^9 + 2^7 - 3^6 + 4^1 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$	12104 := $0^7 - 1^9 - 2^5 + 3^8 + 4^6 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$	12153 := $0^6 + 1^9 - 2^8 + 3^7 + 4^2 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$
12056 := $0^8 - 1^9 + 2^6 + 3^7 + 4^3 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$	12105 := $0^7 + 1^8 + 2^9 + 3^0 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$	12154 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2$
12057 := $0^6 - 1^9 + 2^7 + 3^8 + 4^5 + 5^2 + 6^3 + 7^1 + 8^4 + 9^0$	12106 := $0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$	12155 := $0^9 - 1^0 - 2^7 - 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$
12058 := $0^8 + 1^9 + 2^6 + 3^7 + 4^3 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$	12107 := $0^1 + 1^9 + 2^7 - 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$	12156 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^1 + 9^2$
12059 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^2 + 6^3 + 7^1 + 8^4 + 9^0$	12108 := $0^8 - 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$	12157 := $0^7 - 1^9 - 2^6 + 3^8 + 4^3 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$
12060 := $0^8 + 1^9 + 2^6 + 3^7 + 4^3 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4$	12109 := $0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^4 + 8^1 + 9^0$	12158 := $0^6 + 1^7 + 2^9 - 3^8 + 4^0 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3$
12061 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0$	12110 := $0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$	12159 := $0^7 + 1^9 - 2^6 + 3^8 + 4^3 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$
12062 := $0^1 - 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3$	12111 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^4 + 8^1 + 9^0$	12160 := $0^7 - 1^9 - 2^6 + 3^8 + 4^3 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$
12063 := $0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0$	12112 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^4 + 8^0 + 9^1$	12161 := $0^6 - 1^9 - 2^8 + 3^7 - 4^1 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$
12064 := $0^6 - 1^7 + 2^9 + 3^8 + 4^0 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$	12113 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2$	12162 := $0^7 + 1^9 - 2^6 + 3^8 + 4^3 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$
12065 := $0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^1$	12114 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^4 + 6^0 + 7^1 + 8^2 + 9^3$	12163 := $0^8 - 1^9 + 2^3 - 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$
12066 := $0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$	12115 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^0 + 6^3 + 7^1 + 8^4 + 9^2$	12164 := $0^3 + 1^8 + 2^9 - 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$
12067 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^3 + 7^2 + 8^1 + 9^0$	12116 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^4 + 6^0 + 7^1 + 8^2 + 9^3$	12165 := $0^8 + 1^9 + 2^3 - 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$
12068 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^3 + 7^2 + 8^0 + 9^1$	12117 := $0^7 - 1^9 - 2^5 + 3^8 + 4^6 + 5^3 + 6^4 + 7^1 + 8^2 + 9^0$	12166 := $0^3 + 1^8 + 2^9 - 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4$
12069 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^3 + 7^2 + 8^1 + 9^0$	12118 := $0^1 + 1^9 + 2^8 - 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$	12167 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$
12070 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^3 + 7^2 + 8^0 + 9^1$	12119 := $0^7 - 1^9 + 2^6 + 3^8 + 4^5 + 5^2 + 6^1 + 7^3 + 8^4 + 9^0$	12168 := $0^7 - 1^8 + 2^9 + 3^6 + 4^2 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$
12071 := $0^8 - 1^9 + 2^6 + 3^7 + 4^3 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$	12120 := $0^8 + 1^9 + 2^2 - 3^7 + 4^6 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$	12169 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$
12072 := $0^8 - 1^9 + 2^6 + 3^7 + 4^3 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$	12121 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^2 + 6^1 + 7^3 + 8^4 + 9^0$	12170 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$
12073 := $0^8 + 1^9 + 2^6 + 3^7 + 4^3 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$	12122 := $0^7 - 1^9 + 2^6 + 3^8 + 4^5 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1$	12171 := $0^7 - 1^8 + 2^9 + 3^6 + 4^2 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3$
12074 := $0^8 + 1^9 + 2^6 + 3^7 + 4^3 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$	12123 := $0^7 - 1^8 + 2^9 - 3^1 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2$	12172 := $0^6 - 1^7 - 2^9 + 3^8 + 4^1 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$
12075 := $0^7 + 1^9 - 2^8 + 3^4 + 4^6 + 5^2 + 6^5 + 7^3 + 8^1 + 9^0$	12124 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1$	12173 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3$
12076 := $0^2 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1$	12125 := $0^7 + 1^8 + 2^9 - 3^1 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2$	12174 := $0^7 - 1^9 + 2^6 + 3^8 + 4^5 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2$
12077 := $0^2 + 1^9 + 2^8 - 3^7 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$	12126 := $0^7 - 1^9 - 2^8 + 3^4 + 4^6 + 5^1 + 6^5 + 7^3 + 8^0 + 9^2$	12175 := $0^7 - 1^9 + 2^6 + 3^8 + 4^5 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2$
12078 := $0^8 - 1^9 - 2^6 + 3^7 + 4^1 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$	12127 := $0^6 - 1^7 - 2^9 + 3^8 + 4^1 + 5^5 + 6^2 + 7^4 + 8^3 + 9^0$	12176 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2$
12079 := $0^6 - 1^9 + 2^7 + 3^8 + 4^5 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0$	12128 := $0^7 + 1^9 - 2^8 + 3^4 + 4^6 + 5^1 + 6^5 + 7^3 + 8^0 + 9^2$	12177 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2$
12080 := $0^8 + 1^9 - 2^6 + 3^7 + 4^1 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$	12129 := $0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2$	12178 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$
12081 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0$	12130 := $0^5 + 1^7 + 2^9 - 3^8 + 4^3 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$	12179 := $0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
12082 := $0^8 - 1^9 - 2^6 + 3^7 + 4^0 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$	12131 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2$	12180 := $0^7 - 1^8 + 2^9 + 3^6 + 4^0 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$
12083 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^3 + 7^1 + 8^2 + 9^0$	12132 := $0^6 - 1^7 - 2^9 + 3^8 + 4^0 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$	12181 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$
12084 := $0^8 + 1^9 - 2^6 + 3^7 + 4^0 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$	12133 := $0^7 - 1^8 + 2^9 + 3^0 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$	12182 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$
12085 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^3 + 7^0 + 8^2 + 9^1$	12134 := $0^6 + 1^7 - 2^9 + 3^8 + 4^0 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$	12183 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$
12086 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^4 + 6^2 + 7^1 + 8^0 + 9^3$	12135 := $0^7 + 1^8 + 2^9 + 3^0 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$	12184 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$
12087 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^4 + 6^2 + 7^0 + 8^1 + 9^3$	12136 := $0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2$	12185 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^2 + 7^0 + 8^1 + 9^3$
12088 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^4 + 6^2 + 7^1 + 8^0 + 9^3$	12137 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$	12186 := $0^6 - 1^9 + 2^7 + 3^8 + 4^5 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1$
12089 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^4 + 6^2 + 7^0 + 8^1 + 9^3$	12138 := $0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$	12187 := $0^7 - 1^8 + 2^9 + 3^2 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$
12090 := $0^1 - 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$	12139 := $0^9 + 1^0 + 2^8 - 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4$	12188 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1$
12091 := $0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2$	12140 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$	12189 := $0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$

12190 := $0^7 - 1^8 + 2^9 + 3^2 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1$
12191 := $0^8 + 1^9 + 2^7 + 3^2 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^3$
12192 := $0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1$
12193 := $0^6 - 1^9 + 2^7 + 3^8 + 4^5 + 5^1 + 6^2 + 7^3 + 8^4 + 9^0$
12194 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3$
12195 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^1 + 6^2 + 7^3 + 8^4 + 9^0$
12196 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3$
12197 := $0^6 - 1^9 + 2^7 + 3^8 + 4^5 + 5^0 + 6^2 + 7^3 + 8^4 + 9^1$
12198 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^0 + 7^2 + 8^1 + 9^3$
12199 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^0 + 6^2 + 7^3 + 8^4 + 9^1$
12200 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2$
12201 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$
12202 := $0^6 + 1^9 - 2^7 + 3^8 + 4^2 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$
12203 := $0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^2 + 6^4 + 7^3 + 8^1 + 9^0$
12204 := $0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^2 + 6^4 + 7^1 + 8^0 + 9^3$
12205 := $0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3$
12206 := $0^8 - 1^9 + 2^6 + 3^7 + 4^1 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
12207 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$
12208 := $0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
12209 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$
12210 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1$
12211 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^1 + 7^0 + 8^2 + 9^3$
12212 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1$
12213 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$
12214 := $0^6 + 1^9 - 2^7 - 3^8 + 4^0 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$
12215 := $0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3$
12216 := $0^7 - 1^8 + 2^9 + 3^6 + 4^0 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$
12217 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3$
12218 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$
12219 := $0^7 + 1^8 + 2^9 + 3^0 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1$
12220 := $0^8 - 1^9 - 2^6 + 3^7 + 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
12221 := $0^8 - 1^9 + 2^6 + 3^7 + 4^1 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$
12222 := $0^8 + 1^9 - 2^6 + 3^7 + 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
12223 := $0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$
12224 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$
12225 := $0^8 + 1^9 + 2^2 - 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$
12226 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$
12227 := $0^5 - 1^7 - 2^9 + 3^8 + 4^6 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3$
12228 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^0 + 7^3 + 8^1 + 9^2$
12229 := $0^8 - 1^9 + 2^7 + 3^0 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$
12230 := $0^1 - 1^9 + 2^8 - 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
12231 := $0^8 + 1^9 + 2^7 + 3^0 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$
12232 := $0^1 + 1^9 + 2^8 - 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
12233 := $0^5 + 1^6 + 2^9 - 3^8 + 4^7 + 5^0 + 6^4 + 7^1 + 8^3 + 9^2$
12234 := $0^7 + 1^9 - 2^5 - 3^8 + 4^0 + 5^6 + 6^1 + 7^4 + 8^2 + 9^3$
12235 := $0^8 + 1^9 - 2^7 - 3^4 + 4^6 + 5^0 + 6^5 + 7^2 + 8^3 + 9^1$
12236 := $0^6 - 1^9 + 2^8 + 3^7 + 4^3 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$
12237 := $0^6 - 1^9 + 2^8 + 3^7 + 4^3 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$
12238 := $0^6 + 1^9 + 2^8 + 3^7 + 4^3 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$
12239 := $0^6 + 1^9 + 2^8 + 3^7 + 4^3 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$
12240 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2$
12241 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2$
12242 := $0^7 - 1^9 + 2^1 - 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$
12243 := $0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^0 + 6^4 + 7^1 + 8^2 + 9^3$
12244 := $0^7 + 1^9 + 2^1 - 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$
12245 := $0^6 + 1^9 - 2^7 + 3^8 + 4^1 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$
12246 := $0^6 - 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3$
12247 := $0^6 - 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3$
12248 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3$
12249 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^4 + 7^0 +$

12337 := $0^6 - 1^9 - 2^7 + 3^8 + 4^5 + 5^0 + 6^1 + 7^2 + 8^4 + 9^3$	12386 := $0^1 + 1^7 + 2^0 + 3^8 - 4^9 + 5^5 + 6^3 + 7^4 + 8^6 + 9^2$	12435 := $0^7 - 1^9 + 2^6 + 3^8 + 4^1 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$
12338 := $0^6 + 1^9 - 2^7 + 3^8 + 4^5 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3$	12387 := $0^6 + 1^8 - 2^9 + 3^7 + 4^2 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$	12436 := $0^3 + 1^9 - 2^7 - 3^8 + 4^5 + 5^6 + 6^0 + 7^4 + 8^2 + 9^1$
12339 := $0^6 + 1^9 - 2^7 + 3^8 + 4^5 + 5^0 + 6^1 + 7^2 + 8^4 + 9^3$	12388 := $0^0 + 1^7 + 2^1 + 3^8 - 4^9 + 5^5 + 6^3 + 7^4 + 8^6 + 9^2$	12437 := $0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$
12340 := $0^8 - 1^9 + 2^6 + 3^7 - 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$	12389 := $0^7 + 1^9 - 2^6 + 3^8 + 4^5 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3$	12438 := $0^3 - 1^7 + 2^9 - 3^8 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$
12341 := $0^7 - 1^9 + 2^8 + 3^1 + 4^6 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3$	12390 := $0^5 - 1^9 + 2^7 - 3^8 + 4^1 + 5^6 + 6^0 + 7^4 + 8^2 + 9^3$	12439 := $0^8 + 1^9 - 2^6 + 3^7 + 4^3 + 5^0 + 6^5 + 7^4 + 8^2 + 9^1$
12342 := $0^8 + 1^9 + 2^6 + 3^7 - 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$	12391 := $0^3 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$	12440 := $0^7 - 1^9 + 2^6 + 3^8 + 4^0 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
12343 := $0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3$	12392 := $0^7 - 1^9 + 2^6 + 3^8 + 4^2 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$	12441 := $0^6 - 1^7 + 2^9 + 3^8 + 4^5 + 5^2 + 6^3 + 7^1 + 8^4 + 9^0$
12344 := $0^6 - 1^7 - 2^9 + 3^8 + 4^1 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3$	12393 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$	12442 := $0^7 + 1^9 + 2^6 + 3^8 + 4^0 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
12345 := $0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$	12394 := $0^7 + 1^9 + 2^6 + 3^8 + 4^2 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$	12443 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^2 + 6^3 + 7^1 + 8^4 + 9^0$
12346 := $0^6 + 1^7 - 2^9 + 3^8 + 4^1 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3$	12395 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^1 + 7^0 + 8^3 + 9^2$	12444 := $0^6 + 1^9 - 2^5 - 3^8 + 4^7 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$
12347 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$	12396 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$	12445 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^2 + 6^3 + 7^0 + 8^4 + 9^1$
12348 := $0^8 - 1^9 + 2^6 + 3^7 + 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$	12397 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$	12446 := $0^8 - 1^9 - 2^7 - 3^4 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^3$
12349 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0$	12398 := $0^6 - 1^9 + 2^8 + 3^7 + 4^1 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$	12447 := $0^5 + 1^9 - 2^6 - 3^8 + 4^7 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$
12350 := $0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$	12399 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$	12448 := $0^8 + 1^9 - 2^7 - 3^4 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^3$
12351 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0$	12400 := $0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$	12449 := $0^6 - 1^8 - 2^9 + 3^7 + 4^1 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$
12352 := $0^8 + 1^9 + 2^6 + 3^7 + 4^0 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$	12401 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$	12450 := $0^6 - 1^8 - 2^9 + 3^7 + 4^0 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2$
12353 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^2 + 7^0 + 8^3 + 9^1$	12402 := $0^6 - 1^9 + 2^8 + 3^7 + 4^0 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$	12451 := $0^6 + 1^8 - 2^9 + 3^7 + 4^1 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$
12354 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$	12403 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$	12452 := $0^7 - 1^9 + 2^6 + 3^8 + 4^1 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$
12355 := $0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$	12404 := $0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$	12453 := $0^7 - 1^8 - 2^9 + 3^6 + 4^2 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$
12356 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$	12405 := $0^6 - 1^7 + 2^9 + 3^8 + 4^5 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$	12454 := $0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$
12357 := $0^7 - 1^9 + 2^8 + 3^0 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$	12406 := $0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$	12455 := $0^6 - 1^9 + 2^7 + 3^8 + 4^2 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$
12358 := $0^7 + 1^9 - 2^8 + 3^3 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$	12407 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$	12456 := $0^6 - 1^9 + 2^7 + 3^8 + 4^2 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$
12359 := $0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$	12408 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2$	12457 := $0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$
12360 := $0^5 + 1^9 - 2^6 - 3^8 + 4^7 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$	12409 := $0^7 + 1^9 + 2^8 + 3^4 + 4^6 + 5^3 + 6^5 + 7^0 + 8^2 + 9^1$	12458 := $0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$
12361 := $0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^2 + 7^4 + 8^3 + 9^0$	12410 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2$	12459 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^4 + 7^3 + 8^1 + 9^0$
12362 := $0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$	12411 := $0^3 - 1^9 + 2^8 - 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$	12460 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^4 + 7^3 + 8^0 + 9^1$
12363 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$	12412 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^1 + 9^2$	12461 := $0^7 + 1^9 - 2^8 + 3^4 + 4^6 + 5^2 + 6^5 + 7^0 + 8^1 + 9^3$
12364 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$	12413 := $0^6 - 1^9 + 2^8 + 3^7 + 4^1 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$	12462 := $0^6 + 1^9 - 2^8 - 3^7 + 4^0 + 5^1 + 6^5 + 7^2 + 8^3 + 9^4$
12365 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1$	12414 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$	12463 := $0^6 - 1^7 + 2^9 + 3^8 + 4^5 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0$
12366 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1$	12415 := $0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$	12464 := $-0^0 - 1^7 + 2^9 - 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$
12367 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^4 + 8^1 + 9^0$	12416 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$	12465 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0$
12368 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^4 + 8^0 + 9^1$	12417 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^0 + 6^4 + 7^3 + 8^1 + 9^2$	12466 := $0^7 - 1^8 - 2^9 + 3^6 + 4^0 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$
12369 := $0^6 - 1^9 + 2^8 + 3^7 + 4^2 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$	12418 := $0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4$	12467 := $0^6 - 1^7 + 2^9 + 3^8 + 4^5 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1$
12370 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^5 + 6^0 + 7^4 + 8^1 + 9^2$	12419 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^0 + 6^4 + 7^3 + 8^1 + 9^2$	12468 := $0^7 + 1^8 - 2^9 + 3^6 + 4^0 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$
12371 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$	12420 := $0^0 + 1^9 + 2^8 - 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^3 + 9^4$	12469 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1$
12372 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$	12421 := $0^6 - 1^9 + 2^7 + 3^8 - 4^5 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$	12470 := $0^6 + 1^9 + 2^5 - 3^8 + 4^7 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$
12373 := $0^6 - 1^7 + 2^9 + 3^8 + 4^5 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0$	12422 := $0^7 - 1^9 + 2^8 + 3^4 + 4^6 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$	12471 := $0^8 - 1^9 + 2^6 + 3^7 + 4^2 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$
12374 := $0^6 + 1^7 - 2^9 + 3^8 + 4^1 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$	12423 := $0^7 - 1^9 + 2^8 + 3^4 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^2$	12472 := $0^8 - 1^9 + 2^6 + 3^7 + 4^2 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$
12375 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0$	12424 := $0^7 + 1^9 + 2^8 + 3^4 + 4^6 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$	12473 := $0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$
12376 := $0^6 - 1^7 + 2^9 + 3^8 + 4^5 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1$	12425 := $0^7 + 1^9 + 2^8 + 3^4 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^2$	12474 := $0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$
12377 := $0^7 - 1^9 - 2^6 + 3^8 + 4^5 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3$	12426 := $0^7 + 1^9 + 2^8 - 3^4 + 4^6 + 5^2 + 6^5 + 7^3 + 8^0 + 9^1$	12475 := $0^2 - 1^9 + 2^8 - 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$
12378 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1$	12427 := $0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^0 + 6^4 + 7^1 + 8^3 + 9^2$	12476 := $0^2 - 1^9 + 2^8 - 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$
12379 := $0^7 + 1^9 - 2^6 + 3^8 + 4^5 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3$	12428 := $0^6 + 1^9 + 2^5 - 3^8 + 4^7 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$	12477 := $0^2 + 1^9 + 2^8 - 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$
12380 := $0^7 + 1^9 - 2^6 + 3^8 + 4^5 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$	12429 := $0^5 - 1^6 + 2^9 - 3^8 + 4^7 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3$	12478 := $0^2 + 1^9 + 2^8 - 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$
12381 := $0^8 + 1^0 + 2^9 - 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$	12430 := $0^3 + 1^9 + 2^8 - 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2$	12479 := $0^7 - 1^9 + 2^8 - 3^4 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^2$
12382 := $0^0 + 1^8 + 2^9 - 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$	12431 := $0^5 + 1^6 + 2^9 - 3^8 + 4^7 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3$	12480 := $0^7 - 1^9 - 2^8 + 3^4 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^3$
12383 := $0^2 + 1^8 + 2^3 + 3^7 - 4^9 + 5^0 + 6^5 + 7^4 + 8^6 + 9^1$	12432 := $0^6 - 1^9 + 2^7 - 3^8 + 4^0 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3$	12481 := $0^7 + 1^9 + 2^8 - 3^4 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^2$
12384 := $0^1 - 1^7 + 2^0 + 3^8 - 4^9 + 5^5 + 6^3 + 7^4 + 8^6 + 9^2$	12433 := $0^8 - 1^9 - 2^6 + 3^7 + 4^3 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$	12482 := $0^7 + 1^9 - 2^8 + 3^4 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^3$
12385 := $0^6 - 1^8 - 2^9 + 3^7 + 4^2 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$	12434 := $0^6 + 1^9 + 2^7 - 3^8 + 4^0 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3$	12483 := $0^7 - 1^9 - 2^8 + 3^4 + 4^6 + 5^0 + 6^5 + 7^2 + 8^1 + 9^3$

12484 := $0^8 - 1^9 - 2^7 + 3^3 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$
12485 := $0^7 + 1^9 - 2^8 + 3^4 + 4^6 + 5^0 + 6^5 + 7^2 + 8^1 + 9^3$
12486 := $0^8 + 1^9 - 2^7 + 3^3 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$
12487 := $0^8 + 1^9 - 2^7 + 3^3 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2$
12488 := $0^1 + 1^8 + 2^9 - 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
12489 := $0^8 - 1^9 + 2^6 + 3^7 + 4^1 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$
12490 := $0^8 - 1^9 + 2^3 + 3^7 - 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$
12491 := $0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$
12492 := $0^6 - 1^8 + 2^9 + 3^7 + 4^3 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$
12493 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$
12494 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$
12495 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$
12496 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$
12497 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2$
12498 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4$
12499 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$
12500 := $0^8 + 1^9 - 2^6 + 3^7 + 4^0 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$
12501 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$
12502 := $0^8 - 1^9 + 2^6 + 3^7 + 4^1 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$
12503 := $0^5 + 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$
12504 := $0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$
12505 := $0^7 - 1^9 + 2^6 + 3^8 + 4^5 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3$
12506 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$
12507 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3$
12508 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4$
12509 := $0^1 + 1^0 + 2^8 + 3^7 - 4^9 + 5^5 + 6^2 + 7^3 + 8^6 + 9^4$
12510 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$
12511 := $0^6 - 1^9 - 2^7 + 3^8 + 4^1 + 5^5 + 6^2 + 7^4 + 8^3 + 9^0$
12512 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$
12513 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^4 + 7^3 + 8^1 + 9^2$
12514 := $0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
12515 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^4 + 7^3 + 8^1 + 9^2$
12516 := $0^6 - 1^9 + 2^7 + 3^8 + 4^1 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$
12517 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3$
12518 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$
12519 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^0 + 6^2 + 7^1 + 8^4 + 9^3$
12520 := $0^6 - 1^8 + 2^9 + 3^7 + 4^3 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$
12521 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$
12522 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$
12523 := $0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^0 + 6^4 + 7^1 + 8^3 + 9^2$
12524 := $0^6 - 1^9 + 2^8 - 3^7 + 4^3 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$
12525 := $0^8 - 1^9 + 2^6 + 3^7 + 4^3 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0$
12526 := $0^8 - 1^9 + 2^6 + 3^7 + 4^3 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1$
12527 := $0^8 + 1^9 + 2^6 + 3^7 + 4^3 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0$
12528 := $0^8 + 1^9 + 2^6 + 3^7 + 4^3 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1$
12529 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^2 + 6^4 + 7^1 + 8^3 + 9^0$
12530 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3$
12531 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^2 + 6^4 + 7^1 + 8^3 + 9^0$
12532 := $-0^0 - 1^7 - 2^9 - 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1$
12533 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^2 + 6^4 + 7^0 + 8^3 + 9^1$
12534 := $0^5 - 1^7 + 2^9 - 3^8 + 4^0 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1$
12535 := $0^7 + 1^0 - 2^9 - 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1$
12536 := $0^5 + 1^7 + 2^9 - 3^8 + 4^0 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1$
12537 := $0^1 - 1^9 + 2^7 - 3^8 + 4^6 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4$
12538 := $0^5 - 1^9 + 2^6 - 3^8 + 4^7 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$
12539 := $0^1 + 1^9 + 2^7 - 3^8 + 4^6 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4$
12540 := $0^6 - 1^9 + 2^8 + 3^7 + 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
12541 := $0^6 + 1^9 + 2^8 - 3^7 + 4^3 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4$
12542 := $0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
12543 := $0^6 + 1^9 + 2^5 - 3^8 + 4^7 + 5^1 + 6^3 + 7^4 +$

12631 := 0 ⁵ +1 ⁸ +2 ⁴ -3 ⁹ +4 ⁷ +5 ⁶ +6 ³ +7 ¹ +8 ² +9 ⁰	12680 := 0 ⁵ +1 ⁷ +2 ⁹ +3 ⁸ +4 ⁶ +5 ³ +6 ⁴ +7 ¹ +8 ⁰ +9 ²	12729 := 0 ⁸ -1 ⁹ -2 ⁷ +3 ² +4 ⁶ +5 ⁴ +6 ⁵ +7 ³ +8 ¹ +9 ⁰
12632 := 0 ² -1 ⁷ +2 ⁹ -3 ⁸ +4 ⁵ +5 ⁶ +6 ⁴ +7 ¹ +8 ⁰ +9 ³	12681 := 0 ⁵ +1 ⁷ +2 ⁹ +3 ⁸ +4 ⁶ +5 ³ +6 ⁴ +7 ⁰ +8 ¹ +9 ²	12730 := 0 ⁶ +1 ⁹ -2 ⁷ +3 ⁸ +4 ¹ +5 ⁵ +6 ² +7 ⁴ +8 ⁰ +9 ³
12633 := 0 ³ +1 ⁸ +2 ⁹ -3 ⁷ +4 ⁶ +5 ² +6 ⁵ +7 ⁴ +8 ¹ +9 ⁰	12682 := 0 ⁷ -1 ⁹ -2 ⁵ +3 ⁸ +4 ⁶ +5 ² +6 ⁴ +7 ¹ +8 ⁰ +9 ³	12731 := 0 ⁸ +1 ⁹ -2 ⁷ +3 ² +4 ⁶ +5 ⁴ +6 ⁵ +7 ³ +8 ¹ +9 ⁰
12634 := 0 ² +1 ⁷ +2 ⁹ -3 ⁸ +4 ⁵ +5 ⁶ +6 ⁴ +7 ¹ +8 ⁰ +9 ³	12683 := 0 ⁵ +1 ⁹ +2 ⁷ +3 ⁸ +4 ⁶ +5 ⁰ +6 ⁴ +7 ¹ +8 ³ +9 ²	12732 := 0 ⁷ +1 ⁸ -2 ⁹ +3 ² +4 ⁶ +5 ⁴ +6 ⁵ +7 ¹ +8 ⁰ +9 ³
12635 := 0 ² +1 ⁷ +2 ⁹ -3 ⁸ +4 ⁵ +5 ⁶ +6 ⁴ +7 ⁰ +8 ¹ +9 ³	12684 := 0 ⁶ -1 ⁹ +2 ⁸ +3 ⁷ +4 ⁰ +5 ⁵ +6 ² +7 ¹ +8 ³ +9 ⁴	12733 := 0 ⁶ -1 ⁷ +2 ⁹ +3 ⁸ +4 ³ +5 ⁵ +6 ¹ +7 ⁴ +8 ² +9 ⁰
12636 := 0 ² -1 ⁹ +2 ³ +3 ⁷ -4 ⁸ +5 ⁶ +6 ⁴ +7 ¹ +8 ⁰ +9 ⁵	12685 := 0 ⁷ -1 ⁹ +2 ⁶ +3 ⁸ +4 ² +5 ⁵ +6 ¹ +7 ⁴ +8 ³ +9 ⁰	12734 := 0 ⁶ +1 ⁹ -2 ⁷ +3 ⁸ +4 ⁰ +5 ⁵ +6 ² +7 ⁴ +8 ¹ +9 ³
12637 := 0 ⁴ -1 ⁵ -2 ⁸ -3 ⁹ +4 ⁷ +5 ⁶ +6 ¹ +7 ² +8 ³ +9 ⁰	12686 := 0 ⁶ +1 ⁹ +2 ⁸ +3 ⁷ +4 ⁰ +5 ⁵ +6 ² +7 ¹ +8 ³ +9 ⁴	12735 := 0 ⁶ +1 ⁷ +2 ⁹ +3 ⁸ +4 ³ +5 ⁵ +6 ¹ +7 ⁴ +8 ² +9 ⁰
12638 := 0 ⁷ -1 ⁹ +2 ⁸ +3 ⁴ +4 ⁶ +5 ¹ +6 ⁵ +7 ³ +8 ⁰ +9 ²	12687 := 0 ⁷ +1 ⁹ +2 ⁶ +3 ⁸ +4 ² +5 ⁵ +6 ¹ +7 ⁴ +8 ³ +9 ⁰	12736 := 0 ⁶ -1 ⁷ +2 ⁹ +3 ⁸ +4 ³ +5 ⁵ +6 ⁰ +7 ⁴ +8 ² +9 ¹
12639 := 0 ⁴ +1 ⁵ -2 ⁸ -3 ⁹ +4 ⁷ +5 ⁶ +6 ¹ +7 ² +8 ³ +9 ⁰	12688 := 0 ⁷ -1 ⁹ +2 ⁶ +3 ⁸ +4 ² +5 ⁵ +6 ⁰ +7 ⁴ +8 ³ +9 ¹	12737 := 0 ² +1 ⁷ +2 ⁹ -3 ⁸ +4 ⁶ +5 ⁰ +6 ⁵ +7 ³ +8 ¹ +9 ⁴
12640 := 0 ⁷ +1 ⁹ +2 ⁸ +3 ⁴ +4 ⁶ +5 ¹ +6 ⁵ +7 ³ +8 ⁰ +9 ²	12689 := 0 ³ +1 ⁸ +2 ⁹ -3 ⁷ +4 ⁶ +5 ⁰ +6 ⁵ +7 ⁴ +8 ¹ +9 ²	12738 := 0 ⁶ +1 ⁷ +2 ⁹ +3 ⁸ +4 ³ +5 ⁵ +6 ⁰ +7 ⁴ +8 ² +9 ¹
12641 := 0 ⁷ -1 ⁹ +2 ⁸ +3 ⁴ +4 ⁶ +5 ⁰ +6 ⁵ +7 ³ +8 ¹ +9 ²	12690 := 0 ⁷ +1 ⁹ +2 ⁶ +3 ⁸ +4 ² +5 ⁵ +6 ⁰ +7 ⁴ +8 ³ +9 ¹	12739 := 0 ⁶ +1 ⁹ +2 ⁸ +3 ⁷ -4 ² +5 ³ +6 ⁵ +7 ⁴ +8 ¹ +9 ⁰
12642 := 0 ⁸ -1 ⁹ +2 ⁶ +3 ⁷ +4 ⁰ +5 ³ +6 ⁵ +7 ⁴ +8 ¹ +9 ²	12691 := 0 ¹ +1 ⁷ +2 ⁹ -3 ⁸ +4 ⁵ +5 ⁶ +6 ⁴ +7 ⁰ +8 ² +9 ³	12740 := 0 ⁸ -1 ⁹ +2 ⁷ +3 ³ +4 ⁶ +5 ⁴ +6 ⁵ +7 ¹ +8 ⁰ +9 ²
12643 := 0 ⁷ +1 ⁹ +2 ⁸ +3 ⁴ +4 ⁶ +5 ⁰ +6 ⁵ +7 ³ +8 ¹ +9 ²	12692 := 0 ³ +1 ⁹ +2 ⁷ -3 ⁸ +4 ⁵ +5 ⁶ +6 ⁰ +7 ⁴ +8 ² +9 ¹	12741 := 0 ⁸ -1 ⁹ +2 ⁷ +3 ³ +4 ⁶ +5 ⁴ +6 ⁵ +7 ⁰ +8 ¹ +9 ²
12644 := 0 ⁸ +1 ⁹ +2 ⁶ +3 ⁷ +4 ⁰ +5 ³ +6 ⁵ +7 ⁴ +8 ¹ +9 ²	12693 := 0 ⁹ +1 ⁰ +2 ⁷ +3 ⁸ -4 ⁶ +5 ⁵ +6 ¹ +7 ³ +8 ² +9 ⁴	12742 := 0 ⁸ +1 ⁹ +2 ⁷ +3 ³ +4 ⁶ +5 ⁴ +6

$12778 := 0^7 + 1^9 - 2^6 + 3^8 + 4^2 + 5^5 + 6^0 + 7^4 + 8^1 + 9^3$
 $12779 := 0^7 - 1^9 + 2^8 + 3^4 + 4^6 + 5^0 + 6^5 + 7^2 + 8^3 + 9^1$
 $12780 := 0^6 + 1^9 + 2^8 - 3^7 + 4^1 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$
 $12781 := 0^7 + 1^9 + 2^8 + 3^4 + 4^6 + 5^0 + 6^5 + 7^2 + 8^3 + 9^1$
 $12782 := 0^6 + 1^8 + 2^9 - 3^7 + 4^3 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$
 $12783 := 0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3$
 $12784 := 0^5 - 1^9 - 2^8 + 3^7 + 4^6 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$
 $12785 := 0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3$
 $12786 := 0^5 + 1^9 - 2^8 + 3^7 + 4^6 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$
 $12787 := 0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^0 + 6^4 + 7^1 + 8^2 + 9^3$
 $12788 := 0^4 - 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$
 $12789 := 0^1 + 1^8 + 2^9 - 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
 $12790 := 0^4 + 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$
 $12791 := 0^1 - 1^7 + 2^9 - 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^2 + 9^4$
 $12792 := 0^7 - 1^9 - 2^6 + 3^8 + 4^1 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3$
 $12793 := 0^1 + 1^7 + 2^9 - 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^2 + 9^4$
 $12794 := 0^7 + 1^9 - 2^6 + 3^8 + 4^1 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3$
 $12795 := 0^5 - 1^7 - 2^9 + 3^8 + 4^6 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$
 $12796 := 0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
 $12797 := 0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$
 $12798 := 0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
 $12799 := 0^6 + 1^8 + 2^9 - 3^7 + 4^3 + 5^0 + 6^5 + 7^1 + 8^2 + 9^4$
 $12800 := 0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$
 $12801 := 0^8 - 1^9 - 2^7 + 3^0 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$
 $12802 := 0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3$
 $12803 := 0^8 + 1^9 - 2^7 + 3^0 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$
 $12804 := 0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^1 + 9^3$
 $12805 := 0^7 - 1^9 - 2^8 + 3^1 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$
 $12806 := 0^1 + 1^8 + 2^9 - 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$
 $12807 := 0^7 - 1^9 + 2^8 + 3^4 + 4^6 + 5^1 + 6^5 + 7^0 + 8^3 + 9^2$
 $12808 := 0^7 - 1^9 + 2^8 - 3^4 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^3$
 $12809 := 0^7 + 1^9 + 2^8 + 3^4 + 4^6 + 5^1 + 6^5 + 7^0 + 8^3 + 9^2$
 $12810 := 0^7 + 1^9 + 2^8 - 3^4 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^3$
 $12811 := 0^7 + 1^9 + 2^8 + 3^4 + 4^6 + 5^0 + 6^5 + 7^1 + 8^3 + 9^2$
 $12812 := 0^6 - 1^9 + 2^7 + 3^8 + 4^1 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$
 $12813 := 0^6 - 1^9 + 2^8 + 3^7 + 4^1 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
 $12814 := 0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$
 $12815 := 0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
 $12816 := 0^6 + 1^9 + 2^7 + 3^8 + 4^0 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2$
 $12817 := 0^7 + 1^9 + 2^8 - 3^3 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2$
 $12818 := 0^6 - 1^9 + 2^8 + 3^7 + 4^0 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$
 $12819 := 0^6 + 1^9 + 2^8 - 3^7 + 4^1 + 5^0 + 6^5 + 7^3 + 8^2 + 9^4$
 $12820 := 0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$
 $12821 := 0^3 + 1^7 - 2^8 - 3^9 + 4^4 + 5^6 + 6^1 + 7^5 + 8^2 + 9^0$
 $12822 := 0^7 + 1^9 - 2^6 + 3^8 + 4^1 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$
 $12823 := 0^4 - 1^6 - 2^9 - 3^8 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$
 $12824 := 0^7 + 1^9 - 2^6 + 3^8 + 4^0 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3$
 $12825 := 0^8 - 1^9 + 2^7 + 3^6 + 4^3 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$
 $12826 := 0^8 + 1^9 + 2^2 - 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$

$12827 := 0^8 + 1^9 + 2^7 + 3^6 + 4^3 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$
 $12828 := 0^0 + 1^1 + 2^8 + 3^7 - 4^9 + 5^3 + 6^5 + 7^4 + 8^6 + 9^2$
 $12829 := 0^8 + 1^9 + 2^7 + 3^6 + 4^3 + 5^2 + 6^5 + 7^0 + 8^4 + 9^1$
 $12830 := 0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3$
 $12831 := 0^5 - 1^7 - 2^9 + 3^8 + 4^6 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$
 $12832 := 0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3$
 $12833 := 0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$
 $12834 := 0^6 - 1^9 + 2^8 + 3^7 + 4^0 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$
 $12835 := 0^8 + 1^9 - 2^6 + 3^7 + 4^2 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$
 $12836 := 0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$
 $12837 := 0^7 - 1^9 + 2^8 + 3^3 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^0$
 $12838 := -0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$
 $12839 := 0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^0$
 $12840 := 0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$
 $12841 := 0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$
 $12842 := 0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$
 $12843 := 0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^4 + 7^3 + 8^1 + 9^0$
 $12844 := 0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1$
 $12845 := 0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3$
 $12846 := 0^8 - 1^9 - 2^6 + 3^7 + 4^0 + 5^2 + 6^5 + 7^4 + 8^3 + 9^1$
 $12847 := 0^8 - 1^9 + 2^7 + 3^6 + 4^3 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$
 $12848 := 0^8 + 1^9 - 2^6 + 3^7 + 4^0 + 5^2 + 6^5 + 7^4 + 8^3 + 9^1$
 $12849 := 0^8 + 1^9 + 2^7 + 3^6 + 4^3 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$
 $12850 := 0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$
 $12851 := 0^7 - 1^9 + 2^8 + 3^3 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^0$
 $12852 := 0^7 + 1^8 - 2^9 + 3^6 + 4^0 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3$
 $12853 := 0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^0$
 $12854 := 0^6 + 1^7 + 2^9 - 3^8 + 4^0 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$
 $12855 := 0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^4 + 6^5 + 7^0 + 8^2 + 9^1$
 $12856 := 0^6 + 1^9 + 2^5 - 3^8 + 4^7 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2$
 $12857 := 0^4 + 1^5 + 2^8 - 3^9 + 4^7 + 5^6 + 6^3 + 7^2 + 8^1 + 9^0$
 $12858 := 0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$
 $12859 := 0^2 - 1^9 + 2^8 - 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$
 $12860 := 0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$
 $12861 := 0^5 - 1^9 - 2^8 + 3^7 + 4^6 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4$
 $12862 := -0^0 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3$
 $12863 := 0^9 - 1^0 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3$
 $12864 := -0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3$
 $12865 := 0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3$
 $12866 := 0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3$
 $12867 := 0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3$
 $12868 := 0^7 - 1^9 + 2^8 + 3^3 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$
 $12869 := 0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3$
 $12870 := 0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$
 $12871 := 0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^4 + 8^3 + 9^0$
 $12872 := 0^6 + 1^9 - 2^8 + 3^7 + 4^0 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$
 $12873 := 0^7 + 1^8 - 2^9 + 3^6 + 4^1 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$
 $12874 := 0^7 + 1^8 - 2^9 + 3^6 + 4^0 + 5^1 + 6^5 + 7^2 + 8^4 + 9^3$
 $12875 := 0^5 + 1^9 - 2^8 + 3^7 + 4^6 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$

$12876 := -0^0 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$
 $12877 := 0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$
 $12878 := -0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$
 $12879 := 0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$
 $12880 := 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$
 $12881 := 0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3$
 $12882 := 0^5 + 1^8 - 2^4 - 3^9 + 4^7 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$
 $12883 := 0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$
 $12884 := 0^8 - 1^9 + 2^0 - 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$
 $12885 := 0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$
 $12886 := 0^8 + 1^9 + 2^0 - 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$
 $12887 := 0^5 + 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$
 $12888 := 0^6 - 1^7 + 2^9 + 3^8 + 4^0 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
 $12889 := 0^5 + 1^8 - 2^9 + 3^7 + 4^6 + 5^0 + 6^2 + 7^1 + 8^3 + 9^4$
 $12890 := 0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
 $12891 := 0^5 + 1^7 - 2^9 - 3^8 + 4^2 + 5^6 + 6^3 + 7^0 + 8^4 + 9^1$
 $12892 := 0^6 - 1^7 + 2^9 + 3^8 - 4^1 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$
 $12893 := 0^4 - 1^8 - 2^5 - 3^9 + 4^7 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$
 $12894 := 0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$
 $12895 := 0^4 + 1^8 - 2^5 - 3^9 + 4^7 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$
 $12896 := 0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$
 $12897 := 0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^4 + 7^3 + 8^1 + 9^2$
 $12898 := 0^5 - 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4$
 $12899 := 0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^4 + 7^3 + 8^1 + 9^2$
 $12900 := 0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$
 $12901 := 0^5 + 1^8 - 2^9 + 3^7 + 4^6 + 5^0 + 6^1 + 7^2 + 8^3 + 9^4$
 $12902 := 0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$
 $12903 := 0^8 + 1^9 - 2^7 + 3^6 + 4^1 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$
 $12904 := 0^7 + 1^9 + 2^6 + 3^8 + 4^2 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3$
 $12905 := 0^6 - 1^9 - 2^8 + 3^7 + 4^1 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3$
 $12906 := 0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$
 $12907 := 0^8 - 1^9 + 2^7 + 3^6 + 4^1 + 5^3 + 6^5 + 7^2 + 8^4 + 9^0$
 $12908 := 0^6 + 1^9 - 2^8 + 3^7 + 4^0 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$
 $12909 := 0^8 + 1^9 + 2^7 + 3^6 + 4^1 + 5^3 + 6^5 + 7^2 + 8^4 + 9^0$
 $12910 := 0^4 - 1^8 - 2^7 - 3^9 + 4^0 + 5^6 + 6^3 + 7^5 + 8^2 + 9^1$
 $12911 := 0^5 + 1^8 + 2^4 - 3^9 + 4^7 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$
 $12912 := 0^8 - 1^9 + 2^7 + 3^6 + 4^0 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1$
 $12913 := 0^4 - 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0$
 $12914 := 0^8 + 1^9 + 2^7 + 3^6 + 4^0 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1$
 $12915 := 0^4 + 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0$
 $12916 := 0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$
 $12917 := 0^4 + 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^2 + 7^0 + 8^3 + 9^1$
 $12918 := -0^0 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2$
 $12919 := 0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$
 $12920 := -0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2$
 $12921 := 0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$
 $12922 := 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2$
 $12923 := 0^1 + 1^7 + 2^9 - 3^8 + 4^6 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4$
 $12924 := 0^7 - 1^9 + 2^6 + 3^8 + 4^0 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$

12925 := $0^4 - 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$	12974 := $0^6 - 1^8 + 2^9 + 3^7 + 4^3 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1$	13023 := $0^5 + 1^6 + 2^9 - 3^8 + 4^7 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$
12926 := $0^7 + 1^9 + 2^6 + 3^8 + 4^0 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$	12975 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0$	13024 := $0^7 + 1^9 - 2^8 + 3^1 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
12927 := $0^4 + 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$	12976 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1$	13025 := $0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$
12928 := $-0^0 + 1^7 + 2^9 - 3^8 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4$	12977 := $0^7 + 1^9 + 2^8 + 3^6 + 4^3 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$	13026 := $0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$
12929 := $0^7 + 1^0 + 2^9 - 3^8 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4$	12978 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3$	13027 := $0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$
12930 := $0^0 + 1^7 + 2^9 - 3^8 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4$	12979 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^0 + 6^1 + 7^2 + 8^4 + 9^3$	13028 := $0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$
12931 := $0^5 - 1^6 + 2^9 - 3^8 + 4^7 + 5^3 + 6^1 + 7^4 + 8^2 + 9^0$	12980 := $0^8 - 1^9 - 2^5 + 3^7 + 4^6 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4$	13029 := $0^6 - 1^8 + 2^9 + 3^7 + 4^3 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2$
12932 := $0^5 + 1^9 - 2^6 - 3^8 + 4^7 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$	12981 := $0^7 + 1^9 + 2^8 + 3^6 + 4^3 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$	13030 := $0^4 + 1^8 + 2^7 - 3^9 + 4^3 + 5^6 + 6^1 + 7^5 + 8^0 + 9^2$
12933 := $0^8 - 1^9 - 2^7 + 3^1 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$	12982 := $0^8 + 1^9 - 2^5 + 3^7 + 4^6 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4$	13031 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2$
12934 := $0^5 - 1^6 + 2^9 - 3^8 + 4^7 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$	12983 := $0^8 + 1^9 - 2^5 + 3^7 + 4^6 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$	13032 := $0^4 + 1^8 + 2^7 - 3^9 + 4^3 + 5^6 + 6^0 + 7^5 + 8^1 + 9^2$
12935 := $0^8 + 1^9 - 2^7 + 3^1 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$	12984 := $0^6 - 1^9 + 2^7 + 3^8 + 4^1 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3$	13033 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^2 + 8^3 + 9^0$
12936 := $0^5 + 1^6 + 2^9 - 3^8 + 4^7 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$	12985 := $0^8 - 1^9 + 2^7 + 3^2 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$	13034 := $0^6 - 1^8 + 2^9 - 3^7 + 4^1 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$
12937 := $0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$	12986 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3$	13035 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$
12938 := $-0^0 - 1^9 + 2^8 - 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2$	12987 := $0^8 + 1^9 + 2^7 + 3^2 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$	13036 := $0^6 + 1^8 + 2^9 - 3^7 + 4^1 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$
12939 := $0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$	12988 := $0^8 + 1^9 + 2^7 + 3^2 + 4^6 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1$	13037 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$
12940 := $0^6 - 1^8 + 2^9 + 3^7 + 4^0 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$	12989 := $0^7 + 1^9 - 2^8 + 3^2 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$	13038 := $0^5 - 1^6 + 2^9 - 3^8 + 4^7 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$
12941 := $0^8 + 1^9 + 2^7 + 3^6 + 4^1 + 5^3 + 6^5 + 7^0 + 8^4 + 9^2$	12990 := $0^6 + 1^9 + 2^7 + 3^8 + 4^0 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$	13039 := $0^3 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^0 + 8^4 + 9^1$
12942 := $0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$	12991 := $0^4 - 1^6 - 2^9 - 3^8 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$	13040 := $0^7 - 1^9 + 2^8 + 3^6 + 4^0 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1$
12943 := $0^5 + 1^8 + 2^4 - 3^9 + 4^7 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$	12992 := $0^7 - 1^9 + 2^8 + 3^4 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^3$	13041 := $0^8 - 1^9 + 2^7 + 3^0 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$
12944 := $0^8 + 1^9 + 2^7 + 3^6 + 4^0 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$	12993 := $0^4 + 1^6 - 2^9 - 3^8 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$	13042 := $0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1$
12945 := $0^1 - 1^7 + 2^9 - 3^8 + 4^6 + 5^0 + 6^5 + 7^2 + 8^3 + 9^4$	12994 := $0^7 + 1^9 + 2^8 + 3^4 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^3$	13043 := $0^8 + 1^9 + 2^7 + 3^0 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$
12946 := $0^1 + 1^2 + 2^7 + 3^8 - 4^9 + 5^5 + 6^0 + 7^4 + 8^6 + 9^3$	12995 := $0^7 - 1^9 + 2^8 + 3^4 + 4^6 + 5^0 + 6^5 + 7^2 + 8^1 + 9^3$	13044 := $0^8 - 1^9 + 2^5 + 3^7 + 4^6 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4$
12947 := $0^1 + 1^7 + 2^9 - 3^8 + 4^6 + 5^0 + 6^5 + 7^2 + 8^3 + 9^4$	12996 := $0^8 + 1^9 - 2^5 + 3^7 + 4^6 + 5^3 + 6^0 + 7^2 + 8^1 + 9^4$	13045 := $0^8 - 1^9 + 2^5 + 3^7 + 4^6 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$
12948 := $0^7 - 1^9 + 2^6 + 3^8 + 4^1 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$	12997 := $0^7 + 1^9 + 2^8 + 3^4 + 4^6 + 5^0 + 6^5 + 7^2 + 8^1 + 9^3$	13046 := $0^8 + 1^9 + 2^5 + 3^7 + 4^6 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4$
12949 := $0^6 + 1^9 + 2^8 - 3^7 + 4^1 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4$	12998 := $0^4 - 1^5 + 2^8 - 3^9 + 4^7 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$	13047 := $0^8 + 1^9 + 2^5 + 3^7 + 4^6 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$
12950 := $0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$	12999 := $0^3 + 1^8 + 2^9 + 3^7 - 4^6 + 5^0 + 6^5 + 7^2 + 8^1 + 9^4$	13048 := $0^3 + 1^7 + 2^9 - 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
12951 := $0^7 + 1^0 + 2^9 - 3^8 + 4^6 + 5^1 + 6^5 + 7^2 + 8^3 + 9^4$	13000 := $0^5 - 1^9 - 2^8 + 3^7 + 4^6 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$	13049 := $0^3 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
12952 := $0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$	13001 := $0^5 - 1^9 - 2^8 + 3^7 + 4^6 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4$	13050 := $0^3 - 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
12953 := $0^6 - 1^7 + 2^9 + 3^8 + 4^5 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3$	13002 := $0^5 + 1^9 - 2^8 + 3^7 + 4^6 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$	13051 := $0^7 + 1^8 + 2^4 - 3^9 + 4^1 + 5^6 + 6^3 + 7^5 + 8^2 + 9^0$
12954 := $0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^5 + 6^1 + 7^2 + 8^3 + 9^4$	13003 := $0^5 + 1^9 - 2^8 + 3^7 + 4^6 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4$	13052 := $0^8 - 1^9 + 2^7 + 3^1 + 4^6 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$
12955 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3$	13004 := $0^6 - 1^9 + 2^7 + 3^8 - 4^1 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$	13053 := $0^8 - 1^9 - 2^6 + 3^7 + 4^2 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3$
12956 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$	13005 := $0^7 - 1^9 + 2^8 + 3^6 + 4^2 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$	13054 := $0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$
12957 := $0^7 + 1^9 + 2^8 + 3^6 + 4^3 + 5^2 + 6^5 + 7^0 + 8^4 + 9^1$	13006 := $0^7 - 1^8 + 2^4 - 3^9 + 4^2 + 5^6 + 6^3 + 7^5 + 8^0 + 9^1$	13055 := $0^8 + 1^9 - 2^6 + 3^7 + 4^2 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3$
12958 := $0^4 - 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$	13007 := $0^7 + 1^9 + 2^8 + 3^6 + 4^2 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$	13056 := $0^2 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3$
12959 := $0^4 + 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$	13008 := $0^8 - 1^9 - 2^5 + 3^7 + 4^6 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$	13057 := $0^8 - 1^9 + 2^7 + 3^0 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$
12960 := $0^4 + 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$	13009 := $0^7 + 1^9 + 2^8 + 3^4 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3$	13058 := $0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3$
12961 := $0^8 - 1^9 + 2^6 + 3^7 + 4^2 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$	13010 := $0^8 + 1^9 - 2^5 + 3^7 + 4^6 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$	13059 := $0^8 + 1^9 + 2^7 + 3^0 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$
12962 := $0^5 - 1^9 - 2^8 + 3^7 + 4^6 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4$	13011 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^4 + 7^1 + 8^3 + 9^0$	13060 := $0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^1 + 9^3$
12963 := $0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$	13012 := $0^6 - 1^9 + 2^7 + 3^8 + 4^1 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$	13061 := $0^8 - 1^9 - 2^5 + 3^7 + 4^6 + 5^2 + 6^3 + 7^0 + 8^1 + 9^4$
12964 := $0^5 + 1^9 - 2^8 + 3^7 + 4^6 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4$	13013 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^4 + 7^0 + 8^3 + 9^1$	13062 := $0^8 + 1^9 - 2^5 + 3^7 + 4^6 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4$
12965 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3$	13014 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$	13063 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^0 + 8^3 + 9^2$
12966 := $0^6 - 1^9 + 2^7 + 3^8 + 4^2 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3$	13015 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^0 + 6^5 + 7^4 + 8^2 + 9^1$	13064 := $0^8 + 1^9 - 2^6 + 3^7 + 4^0 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$
12967 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^0 + 6^2 + 7^1 + 8^4 + 9^3$	13016 := $0^6 + 1^9 + 2^7 + 3^8 + 4^0 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3$	13065 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^0 + 8^3 + 9^2$
12968 := $0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3$	13017 := $0^7 - 1^8 - 2^4 - 3^9 + 4^1 + 5^6 + 6^3 + 7^5 + 8^2 + 9^0$	13066 := $0^7 + 1^8 + 2^9 - 3^4 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^3$
12969 := $0^8 - 1^9 + 2^6 + 3^7 + 4^1 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0$	13018 := $0^6 + 1^9 + 2^5 - 3^8 + 4^7 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$	13067 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^4 + 7^1 + 8^3 + 9^2$
12970 := $0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^5 + 6^0 + 7^4 + 8^1 + 9^3$	13019 := $0^7 + 1^8 - 2^4 - 3^9 + 4^1 + 5^6 + 6^3 + 7^5 + 8^2 + 9^0$	13068 := $0^7 + 1^8 + 2^4 - 3^9 + 4^1 + 5^6 + 6^3 + 7^5 + 8^0 + 9^2$
12971 := $0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0$	13020 := $0^6 + 1^9 + 2^5 - 3^8 + 4^7 + 5^2 + 6^0 + 7^4 + 8^1 + 9^3$	13069 := $0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^3 + 6^5 + 7^0 + 8^4 + 9^2$
12972 := $0^7 + 1^9 + 2^8 + 3^4 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^3$	13021 := $0^5 - 1^6 + 2^9 - 3^8 + 4^7 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$	13070 := $0^7 - 1^9 + 2^8 + 3^6 + 4^0 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$
12973 := $0^7 + 1^9 + 2^8 + 3^4 + 4^6 + 5^2 + 6^5 + 7^0 + 8^1 + 9^3$	13022 := $0^7 - 1^9 - 2^8 + 3^1 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$	13071 := $0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$

$$\begin{aligned}
 13072 &:= 0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2 \\
 13073 &:= 0^8 + 1^9 + 2^5 + 3^7 + 4^6 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4 \\
 13074 &:= 0^8 + 1^9 + 2^5 + 3^7 + 4^6 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4 \\
 13075 &:= 0^6 + 1^8 + 2^9 - 3^7 + 4^1 + 5^0 + 6^5 + 7^3 + 8^2 + 9^4 \\
 13076 &:= 0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1 \\
 13077 &:= 0^7 + 1^0 + 2^9 + 3^8 - 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4 \\
 13078 &:= 0^2 + 1^9 + 2^8 - 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3 \\
 13079 &:= 0^3 - 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2 \\
 13080 &:= 0^3 - 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2 \\
 13081 &:= 0^3 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2 \\
 13082 &:= 0^3 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2 \\
 13083 &:= 0^7 - 1^8 + 2^3 - 3^9 + 4^4 + 5^6 + 6^1 + 7^5 + 8^2 + 9^0 \\
 13084 &:= 0^8 + 1^9 - 2^5 + 3^7 + 4^6 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4 \\
 13085 &:= 0^8 - 1^9 - 2^5 + 3^7 + 4^6 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4 \\
 13086 &:= 0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3 \\
 13087 &:= 0^8 + 1^9 - 2^5 + 3^7 + 4^6 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4 \\
 13088 &:= 0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3 \\
 13089 &:= 0^5 - 1^7 - 2^9 + 3^8 + 4^6 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0 \\
 13090 &:= 0^6 - 1^8 + 2^9 + 3^7 + 4^0 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2 \\
 13091 &:= 0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0 \\
 13092 &:= 0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2 \\
 13093 &:= 0^7 - 1^8 + 2^9 + 3^3 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^0 \\
 13094 &:= -0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3 \\
 13095 &:= 0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^0 \\
 13096 &:= 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3 \\
 13097 &:= 0^8 - 1^9 + 2^7 + 3^6 + 4^2 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1 \\
 13098 &:= 0^8 - 1^9 - 2^6 + 3^7 + 4^0 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3 \\
 13099 &:= 0^8 + 1^9 + 2^7 + 3^6 + 4^2 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1 \\
 13100 &:= 0^8 + 1^9 - 2^6 + 3^7 + 4^0 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3 \\
 13101 &:= 0^8 - 1^9 + 2^7 + 3^6 + 4^1 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0 \\
 13102 &:= 0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1 \\
 13103 &:= 0^8 + 1^9 + 2^7 + 3^6 + 4^1 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0 \\
 13104 &:= 0^7 + 1^8 + 2^3 - 3^9 + 4^4 + 5^6 + 6^0 + 7^5 + 8^1 + 9^2 \\
 13105 &:= 0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1 \\
 13106 &:= 0^8 - 1^9 + 2^7 + 3^6 + 4^0 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1 \\
 13107 &:= 0^7 - 1^8 + 2^9 + 3^3 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^0 \\
 13108 &:= 0^8 + 1^9 + 2^7 + 3^6 + 4^0 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1 \\
 13109 &:= 0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^0 \\
 13110 &:= 0^5 - 1^8 - 2^4 - 3^9 + 4^7 + 5^6 + 6^0 + 7^1 + 8^2 + 9^3 \\
 13111 &:= 0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^4 + 6^5 + 7^0 + 8^2 + 9^1 \\
 13112 &:= 0^5 + 1^8 - 2^4 - 3^9 + 4^7 + 5^6 + 6^0 + 7^1 + 8^2 + 9^3 \\
 13113 &:= 0^7 - 1^9 + 2^8 + 3^2 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0 \\
 13114 &:= 0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3 \\
 13115 &:= 0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0 \\
 13116 &:= 0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3 \\
 13117 &:= 0^8 + 1^9 - 2^7 + 3^2 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3 \\
 13118 &:= -0^0 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3 \\
 13119 &:= 0^8 - 1^0 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3 \\
 13120 &:= -0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3 \\
 13121 &:= 0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3 \\
 13122 &:= 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3 \\
 13123 &:= 0^5 + 1^9 + 2^6 + 3^4 - 4^8 + 5^7 + 6^2 + 7^3 + 8^1 + 9^0 \\
 13124 &:= 0^7 - 1^8 + 2^9 + 3^3 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2 \\
 13125 &:= 0^7 - 1^8 + 2^9 + 3^3 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2 \\
 13126 &:= 0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2 \\
 13127 &:= 0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2 \\
 13128 &:= 0^5 - 1^9 - 2^7 + 3^8 + 4^6 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1 \\
 13129 &:= 0^7 + 1^9 - 2^8 + 3^6 + 4^1 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3 \\
 13130 &:= 0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1 \\
 13131 &:= 0^5 - 1^9 - 2^8 + 3^7 + 4^6 + 5^2 + 6^1 + 7^0 + 8^3 + 9^4 \\
 13132 &:= 0^5 - 1^9 - 2^8 + 3^7 + 4^6 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4 \\
 13133 &:= 0^6 - 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0 \\
 13134 &:= 0^5 + 1^9 - 2^8 + 3^7 + 4^6 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4 \\
 13135 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0 \\
 13136 &:= 0^6 - 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1 \\
 13137 &:= 0^1 + 1^8 + 2^9 - 3^7 + 4^6 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0 \\
 13138 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1 \\
 13139 &:= 0^4 + 1^5 + 2^8 - 3^9 + 4^7 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0 \\
 13140 &:= 0^2 + 1^9 + 2^7 - 3^8 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^1 \\
 13141 &:= 0^5 - 1^9 - 2^8 + 3^7 + 4^6 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4 \\
 13142 &:= 0^5 - 1^9 - 2^7 + 3^8 + 4^6 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2 \\
 13143 &:= 0^5 + 1^9 - 2^8 + 3^7 + 4^6 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4 \\
 13144 &:= 0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2 \\
 13145 &:= 0^5 + 1^9 - 2^8 + 3^7 + 4^6 + 5^0 + 6^2 + 7^1 + 8^3 + 9^4 \\
 13146 &:= 0^8 - 1^9 + 2^5 + 3^7 + 4^6 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4 \\
 13147 &:= 0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2 \\
 13148 &:= 0^8 + 1^9 + 2^5 + 3^7 + 4^6 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4 \\
 13149 &:= 0^8 - 1^9 + 2^5 + 3^7 + 4^6 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4 \\
 13150 &:= 0^8 - 1^9 - 2^7 + 3^1 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3 \\
 13151 &:= 0^8 + 1^9 + 2^5 + 3^7 + 4^6 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4 \\
 13152 &:= 0^8 + 1^9 - 2^7 + 3^1 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3 \\
 13153 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^2 + 7^4 + 8^3 + 9^0 \\
 13154 &:= 0^5 - 1^9 - 2^8 + 3^7 + 4^6 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4 \\
 13155 &:= 0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0 \\
 13156 &:= 0^6 - 1^7 + 2^9 + 3^8 + 4^0 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1 \\
 13157 &:= 0^8 + 1^9 + 2^7 + 3^2 + 4^6 + 5^4 + 6^5 + 7^0 + 8^3 + 9^1 \\
 13158 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1 \\
 13159 &:= 0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^0 + 6^5 + 7^4 + 8^3 + 9^1 \\
 13160 &:= 0^8 + 1^9 + 2^7 + 3^6 + 4^0 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2 \\
 13161 &:= 0^6 - 1^9 + 2^8 + 3^7 + 4^1 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0 \\
 13162 &:= 0^0 + 1^9 - 2^7 - 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^2 + 9^3 \\
 13163 &:= 0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0 \\
 13164 &:= -0^0 - 1^8 - 2^7 - 3^9 + 4^4 + 5^6 + 6^3 + 7^5 + 8^2 + 9^1 \\
 13165 &:= 0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0 \\
 13166 &:= 0^6 - 1^9 + 2^8 + 3^7 + 4^0 + 5^2 + 6^5 + 7^4 + 8^3 + 9^1 \\
 13167 &:= 0^8 + 1^9 - 2^7 + 3^1 + 4^6 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3 \\
 13168 &:= 0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^2 + 6^5 + 7^4 + 8^3 + 9^1 \\
 13169 &:= 0^7 - 1^9 + 2^8 + 3^0 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1 \\
 13170 &:= 0^4 - 1^9 + 2^6 + 3^5 - 4^8 + 5^7 + 6^3 + 7^2 + 8^0 + 9^1 \\
 13171 &:= 0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1 \\
 13172 &:= -0^0 - 1^9 + 2^7 - 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1 \\
 13173 &:= 0^9 - 1^0 + 2^7 - 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1 \\
 13174 &:= -0^0 + 1^9 + 2^7 - 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1 \\
 13175 &:= 0^9 + 1^0 + 2^7 - 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1 \\
 13176 &:= 0^0 + 1^9 + 2^7 - 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1 \\
 13177 &:= 0^3 - 1^8 + 2^7 - 3^9 + 4^4 + 5^6 + 6^2 + 7^5 + 8^1 + 9^0 \\
 13178 &:= 0^8 - 1^9 + 2^6 + 3^7 + 4^2 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3 \\
 13179 &:= 0^5 - 1^9 - 2^7 + 3^8 + 4^6 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0 \\
 13180 &:= 0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3 \\
 13181 &:= 0^8 - 1^9 + 2^6 + 3^7 + 4^2 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3 \\
 13182 &:= 0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2 \\
 13183 &:= 0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3 \\
 13184 &:= 0^4 + 1^5 + 2^8 - 3^9 + 4^7 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2 \\
 13185 &:= 0^7 - 1^9 + 2^8 + 3^0 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2 \\
 13186 &:= 0^8 - 1^9 + 2^6 + 3^7 + 4^1 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3 \\
 13187 &:= 0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2 \\
 13188 &:= 0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3 \\
 13189 &:= 0^8 - 1^9 + 2^7 + 3^1 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0 \\
 13190 &:= 0^8 - 1^9 + 2^6 + 3^7 + 4^0 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3 \\
 13191 &:= 0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0 \\
 13192 &:= 0^8 + 1^9 + 2^6 + 3^7 + 4^0 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3 \\
 13193 &:= 0^1 + 1^8 + 2^9 - 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2 \\
 13194 &:= -0^0 - 1^8 + 2^9 - 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2 \\
 13195 &:= 0^8 - 1^9 + 2^7 + 3^0 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1 \\
 13196 &:= 0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2 \\
 13197 &:= 0^8 + 1^9 + 2^7 + 3^0 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1 \\
 13198 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2 \\
 13199 &:= 0^8 - 1^9 - 2^5 + 3^7 + 4^6 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4 \\
 13200 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2 \\
 13201 &:= 0^8 + 1^9 - 2^5 + 3^7 + 4^6 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4 \\
 13202 &:= 0^4 + 1^9 + 2^6 + 3^5 - 4^8 + 5^7 + 6^3 + 7^1 + 8^0 + 9^2 \\
 13203 &:= 0^3 - 1^8 + 2^7 - 3^9 + 4^4 + 5^6 + 6^1 + 7^5 + 8^2 + 9^0 \\
 13204 &:= -0^0 + 1^3 + 2^9 + 3^7 - 4^8 + 5^6 + 6^4 + 7^1 + 8^2 + 9^5 \\
 13205 &:= 0^3 + 1^8 + 2^7 - 3^9 + 4^4 + 5^6 + 6^1 + 7^5 + 8^2 + 9^0 \\
 13206 &:= 0^3 - 1^8 + 2^7 - 3^9 + 4^4 + 5^6 + 6^0 + 7^5 + 8^2 + 9^1 \\
 13207 &:= 0^6 + 1^9 - 2^4 - 3^8 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0 \\
 13208 &:= 0^3 + 1^8 + 2^7 - 3^9 + 4^4 + 5^6 + 6^0 + 7^5 + 8^2 + 9^1 \\
 13209 &:= 0^7 - 1^8 + 2^9 + 3^6 + 4^3 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0 \\
 13210 &:= 0^1 - 1^9 + 2^7 - 3^8 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2 \\
 13211 &:= 0^7 + 1^8 + 2^9 + 3^6 + 4^3 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0 \\
 13212 &:= 0^1 + 1^9 + 2^7 - 3^8 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2 \\
 13213 &:= 0^7 + 1^8 + 2^9 + 3^6 + 4^3 + 5^2 + 6^5 + 7^0 + 8^4 + 9^1 \\
 13214 &:= -0^0 - 1^9 + 2^7 - 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2 \\
 13215 &:= 0^2 - 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0 \\
 13216 &:= -0^0 + 1^9 + 2^7 - 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2 \\
 13217 &:= 0^6 - 1^9 + 2^8 + 3^7 + 4^1 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2 \\
 13218 &:= 0^6 - 1^9 + 2^8 + 3^7 + 4^0 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2
 \end{aligned}$$

13219 := $0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$
13220 := $0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2$
13221 := $0^7 - 1^9 + 2^8 + 3^6 + 4^2 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$
13222 := $0^3 + 1^8 + 2^7 - 3^9 + 4^4 + 5^6 + 6^1 + 7^5 + 8^0 + 9^2$
13223 := $0^7 + 1^9 + 2^8 + 3^6 + 4^2 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$
13224 := $0^7 - 1^9 - 2^5 + 3^8 + 4^6 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$
13225 := $0^7 - 1^9 + 2^8 + 3^6 + 4^2 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$
13226 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^4 + 7^1 + 8^0 + 9^3$
13227 := $0^7 + 1^9 + 2^8 + 3^6 + 4^2 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$
13228 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^4 + 7^1 + 8^0 + 9^3$
13229 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3$
13230 := $0^6 + 1^8 + 2^9 - 3^7 + 4^0 + 5^1 + 6^5 + 7^2 + 8^3 + 9^4$
13231 := $0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0$
13232 := $0^5 - 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$
13233 := $0^7 + 1^8 + 2^9 + 3^6 + 4^3 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$
13234 := $0^7 - 1^9 + 2^8 + 3^6 + 4^0 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$
13235 := $0^7 - 1^8 + 2^9 + 3^6 + 4^3 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
13236 := $0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$
13237 := $0^7 + 1^8 + 2^9 + 3^6 + 4^3 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
13238 := $0^7 - 1^9 - 2^5 + 3^8 + 4^6 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$
13239 := $0^6 + 1^9 + 2^4 - 3^8 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$
13240 := $0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$
13241 := $0^5 - 1^0 - 2^7 + 3^8 - 4^9 + 5^2 + 6^3 + 7^1 + 8^6 + 9^4$
13242 := $0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^3 + 6^0 + 7^4 + 8^1 + 9^2$
13243 := $0^3 - 1^7 + 2^9 + 3^8 - 4^6 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2$
13244 := $0^4 - 1^7 - 2^8 - 3^9 + 4^2 + 5^6 + 6^1 + 7^5 + 8^0 + 9^3$
13245 := $0^4 - 1^7 + 2^8 - 3^9 + 4^2 + 5^6 + 6^3 + 7^5 + 8^1 + 9^0$
13246 := $0^4 - 1^7 + 2^8 - 3^9 + 4^2 + 5^6 + 6^3 + 7^5 + 8^0 + 9^1$
13247 := $0^4 + 1^7 + 2^8 - 3^9 + 4^2 + 5^6 + 6^3 + 7^5 + 8^1 + 9^0$
13248 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3$
13249 := $0^7 + 1^9 - 2^5 - 3^8 + 4^3 + 5^6 + 6^1 + 7^2 + 8^4 + 9^0$
13250 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3$
13251 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3$
13252 := $0^8 + 1^9 + 2^5 + 3^7 + 4^6 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4$
13253 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3$
13254 := $0^8 + 1^9 + 2^5 + 3^7 + 4^6 + 5^2 + 6^0 + 7^3 + 8^1 + 9^4$
13255 := $0^8 - 1^9 - 2^7 + 3^6 + 4^1 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$
13256 := $0^8 - 1^9 - 2^7 + 3^6 + 4^0 + 5^1 + 6^5 + 7^2 + 8^4 + 9^3$
13257 := $0^8 + 1^9 - 2^7 + 3^6 + 4^1 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$
13258 := $0^8 + 1^9 - 2^7 + 3^6 + 4^0 + 5^1 + 6^5 + 7^2 + 8^4 + 9^3$
13259 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^3 + 6^2 + 7^4 + 8^1 + 9^0$
13260 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$
13261 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^3 + 6^2 + 7^4 + 8^1 + 9^0$
13262 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$
13263 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$
13264 := $-0^0 - 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
13265 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3$
13266 := $-0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
13267 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^4 + 7^1 + 8^2 + 9^3$
13268 := $0^5 - 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4$
13269 := $0^5 - 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$
13270 := $0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4$
13271 := $0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$
13272 := $0^2 + 1^7 - 2^8 - 3^9 + 4^4 + 5^6 + 6^0 + 7^5 + 8^3 + 9^1$
13273 := $0^4 + 1^9 - 2^6 - 3^8 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$
13274 := $0^4 + 1^9 - 2^6 - 3^8 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$
13275 := $0^7 - 1^9 - 2^5 + 3^8 + 4^6 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$
13276 := $0^7 - 1^9 - 2^5 + 3^8 + 4^6 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$
13277 := $0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$
13278 := $0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^2 + 6^3 + 7^4 +$

13366 := $0^7 + 1^8 + 2^4 - 3^9 + 4^0 + 5^6 + 6^1 + 7^5 + 8^3 + 9^2$	13415 := $0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^0 + 6^5 + 7^4 + 8^3 + 9^1$	13464 := $0^5 + 1^9 - 2^7 - 3^8 + 4^0 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$
13367 := $0^8 + 1^9 - 2^5 + 3^7 + 4^6 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$	13416 := $0^1 - 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$	13465 := $0^6 + 1^8 - 2^7 - 3^9 + 4^4 + 5^2 + 6^3 + 7^0 + 8^5 + 9^1$
13368 := $0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3$	13417 := $0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0$	13466 := $0^7 - 1^9 + 2^5 - 3^8 + 4^0 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$
13369 := $0^7 - 1^8 + 2^9 + 3^2 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$	13418 := $0^6 - 1^9 + 2^8 + 3^7 + 4^0 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$	13467 := $0^2 + 1^6 + 2^8 + 3^9 - 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
13370 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3$	13419 := $0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0$	13468 := $0^7 + 1^9 + 2^5 - 3^8 + 4^0 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$
13371 := $0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$	13420 := $0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$	13469 := $0^5 - 1^8 - 2^9 - 3^7 + 4^4 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$
13372 := $0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4$	13421 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$	13470 := $0^7 + 1^8 - 2^9 - 3^6 + 4^1 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$
13373 := $0^8 + 1^9 + 2^7 + 3^2 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$	13422 := $0^8 + 1^9 + 2^5 + 3^7 + 4^6 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$	13471 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$
13374 := $0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$	13423 := $0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$	13472 := $0^1 + 1^8 - 2^7 - 3^9 + 4^4 + 5^6 + 6^0 + 7^5 + 8^3 + 9^2$
13375 := $0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4$	13424 := $0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^2 + 6^5 + 7^4 + 8^3 + 9^1$	13473 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$
13376 := $0^4 + 1^8 - 2^7 - 3^9 + 4^2 + 5^6 + 6^0 + 7^5 + 8^1 + 9^3$	13425 := $0^7 - 1^8 + 2^9 + 3^0 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$	13474 := $0^5 - 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4$
13377 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$	13426 := $0^3 + 1^5 - 2^8 - 3^9 + 4^7 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$	13475 := $0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$
13378 := $0^6 - 1^9 + 2^8 + 3^7 + 4^1 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$	13427 := $0^7 + 1^8 + 2^9 + 3^0 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$	13476 := $0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4$
13379 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1$	13428 := $0^4 - 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1$	13477 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1$
13380 := $0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$	13429 := $0^8 - 1^9 + 2^5 + 3^7 + 4^6 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$	13478 := $0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^0 + 7^3 + 8^1 + 9^4$
13381 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1$	13430 := $0^4 + 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1$	13479 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$
13382 := $0^6 - 1^9 + 2^8 + 3^7 + 4^0 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$	13431 := $0^8 + 1^9 + 2^5 + 3^7 + 4^6 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$	13480 := $0^7 - 1^9 + 2^8 - 3^2 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3$
13383 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^1 + 7^4 + 8^2 + 9^0$	13432 := $0^1 + 1^8 + 2^7 - 3^9 + 4^4 + 5^6 + 6^3 + 7^5 + 8^0 + 9^2$	13481 := $0^8 + 1^9 + 2^7 + 3^6 + 4^2 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3$
13384 := $0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$	13433 := $0^8 + 1^9 + 2^5 + 3^7 + 4^6 + 5^0 + 6^2 + 7^1 + 8^3 + 9^4$	13482 := $0^7 + 1^9 + 2^8 - 3^2 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3$
13385 := $0^5 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$	13434 := $0^4 - 1^8 + 2^7 - 3^9 + 4^0 + 5^6 + 6^2 + 7^5 + 8^3 + 9^1$	13483 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$
13386 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$	13435 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$	13484 := $0^5 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$
13387 := $0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$	13436 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$	13485 := $0^7 - 1^8 + 2^9 + 3^6 + 4^1 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0$
13388 := $-0^0 - 1^9 + 2^7 - 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$	13437 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$	13486 := $0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$
13389 := $0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^3 + 7^1 + 8^2 + 9^4$	13438 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$	13487 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0$
13390 := $-0^0 + 1^9 + 2^7 - 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$	13439 := $0^8 + 1^0 + 2^7 - 3^9 + 4^4 + 5^6 + 6^3 + 7^5 + 8^1 + 9^2$	13488 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$
13391 := $0^6 + 1^7 - 2^9 + 3^8 + 4^3 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$	13440 := $0^0 + 1^8 + 2^7 - 3^9 + 4^4 + 5^6 + 6^3 + 7^5 + 8^1 + 9^2$	13489 := $0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4$
13392 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$	13441 := $0^7 - 1^8 + 2^9 + 3^0 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$	13490 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$
13393 := $0^1 + 1^8 + 2^9 - 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3$	13442 := $0^8 - 1^9 + 2^5 + 3^7 + 4^6 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4$	13491 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2$
13394 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$	13443 := $0^7 + 1^8 + 2^9 + 3^0 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$	13492 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$
13395 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2$	13444 := $0^8 + 1^9 + 2^5 + 3^7 + 4^6 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4$	13493 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2$
13396 := $0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$	13445 := $0^8 + 1^9 + 2^5 + 3^7 + 4^6 + 5^0 + 6^1 + 7^2 + 8^3 + 9^4$	13494 := $0^4 + 1^6 + 2^7 + 3^9 - 4^8 + 5^3 + 6^2 + 7^1 + 8^0 + 9^5$
13397 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2$	13446 := $0^4 + 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^0 + 7^3 + 8^1 + 9^2$	13495 := $0^7 + 1^9 + 2^5 - 3^8 + 4^1 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2$
13398 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$	13447 := $0^7 + 1^8 - 2^6 - 3^9 + 4^4 + 5^3 + 6^2 + 7^1 + 8^5 + 9^0$	13496 := $0^5 - 1^6 + 2^9 - 3^8 + 4^7 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$
13399 := $0^5 + 1^9 + 2^7 - 3^8 + 4^3 + 5^6 + 6^2 + 7^0 + 8^4 + 9^1$	13448 := $0^7 - 1^9 - 2^8 - 3^6 + 4^3 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4$	13497 := $0^4 + 1^9 + 2^6 + 3^5 - 4^8 + 5^7 + 6^1 + 7^0 + 8^3 + 9^2$
13400 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$	13449 := $0^4 + 1^6 - 2^8 - 3^9 + 4^7 + 5^3 + 6^1 + 7^5 + 8^2 + 9^0$	13498 := $0^7 - 1^9 + 2^8 + 3^2 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3$
13401 := $0^4 + 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$	13450 := $0^7 + 1^9 - 2^8 - 3^6 + 4^3 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4$	13499 := $0^7 - 1^9 + 2^8 + 3^2 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$
13402 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^0 + 7^4 + 8^1 + 9^2$	13451 := $0^7 + 1^9 - 2^8 - 3^6 + 4^3 + 5^2 + 6^5 + 7^0 + 8^1 + 9^4$	13500 := $0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3$
13403 := $0^2 + 1^8 - 2^9 - 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$	13452 := $0^4 + 1^6 - 2^8 - 3^9 + 4^7 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1$	13501 := $0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$
13404 := $0^7 + 1^9 - 2^5 - 3^8 + 4^0 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$	13453 := $0^4 + 1^9 - 2^6 - 3^8 + 4^7 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0$	13502 := $0^7 - 1^8 - 2^9 + 3^2 + 4^6 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
13405 := $0^2 + 1^8 - 2^9 - 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^4 + 9^1$	13454 := $0^0 + 1^8 - 2^9 - 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1$	13503 := $0^7 - 1^8 - 2^9 + 3^2 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
13406 := $0^8 - 1^9 + 2^7 + 3^1 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$	13455 := $0^3 - 1^5 - 2^8 - 3^9 + 4^7 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$	13504 := $0^7 + 1^8 - 2^9 + 3^2 + 4^6 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
13407 := $0^5 - 1^9 + 2^7 - 3^8 + 4^3 + 5^6 + 6^1 + 7^2 + 8^4 + 9^0$	13456 := $0^3 + 1^5 - 2^8 - 3^9 + 4^7 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$	13505 := $0^7 + 1^8 - 2^9 + 3^2 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
13408 := $0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$	13457 := $0^3 + 1^5 - 2^8 - 3^9 + 4^7 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$	13506 := $0^5 - 1^6 + 2^9 - 3^8 + 4^7 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$
13409 := $0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$	13458 := $0^5 + 1^8 - 2^9 - 3^7 + 4^4 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1$	13507 := $0^7 - 1^8 - 2^9 - 3^6 + 4^1 + 5^0 + 6^5 + 7^3 + 8^2 + 9^4$
13410 := $0^1 - 1^9 + 2^7 - 3^8 + 4^5 + 5^6 + 6^0 + 7^4 + 8^2 + 9^3$	13459 := $0^7 + 1^8 - 2^6 - 3^9 + 4^4 + 5^3 + 6^1 + 7^2 + 8^5 + 9^0$	13508 := $0^5 + 1^6 + 2^9 - 3^8 + 4^7 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$
13411 := $0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$	13460 := $0^5 - 1^9 - 2^7 - 3^8 + 4^1 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2$	13509 := $0^6 - 1^7 - 2^9 + 3^8 + 4^2 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0$
13412 := $0^1 + 1^9 + 2^7 - 3^8 + 4^5 + 5^6 + 6^0 + 7^4 + 8^2 + 9^3$	13461 := $0^7 - 1^9 + 2^5 - 3^8 + 4^1 + 5^6 + 6^3 + 7^2 + 8^4 + 9^0$	13510 := $0^7 + 1^8 - 2^9 - 3^6 + 4^0 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$
13413 := $0^8 + 1^9 + 2^7 + 3^0 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$	13462 := $0^5 + 1^9 - 2^7 - 3^8 + 4^1 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2$	13511 := $0^8 - 1^9 + 2^7 + 3^6 + 4^1 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$
13414 := $0^4 - 1^8 + 2^7 - 3^9 + 4^2 + 5^6 + 6^0 + 7^5 + 8^3 + 9^1$	13463 := $0^7 + 1^9 + 2^5 - 3^8 + 4^1 + 5^6 + 6^3 + 7^2 + 8^4 + 9^0$	13512 := $0^5 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$

$$\begin{aligned}
 13513 &:= 0^8 + 1^9 + 2^7 + 3^6 + 4^1 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3 \\
 13514 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4 \\
 13515 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4 \\
 13516 &:= 0^7 - 1^8 + 2^4 - 3^9 + 4^2 + 5^6 + 6^1 + 7^5 + 8^0 + 9^3 \\
 13517 &:= 0^6 + 1^7 - 2^8 - 3^9 + 4^4 + 5^0 + 6^1 + 7^3 + 8^5 + 9^2 \\
 13518 &:= 0^7 + 1^8 + 2^4 - 3^9 + 4^2 + 5^6 + 6^1 + 7^5 + 8^0 + 9^3 \\
 13519 &:= 0^2 - 1^7 + 2^9 - 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^0 \\
 13520 &:= -0^0 - 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1 \\
 13521 &:= 0^9 - 1^0 - 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1 \\
 13522 &:= -0^0 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1 \\
 13523 &:= 0^9 + 1^0 - 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1 \\
 13524 &:= 0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4 \\
 13525 &:= 0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4 \\
 13526 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4 \\
 13527 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4 \\
 13528 &:= 0^5 - 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2 \\
 13529 &:= 0^5 - 1^9 - 2^7 + 3^8 + 4^6 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2 \\
 13530 &:= 0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2 \\
 13531 &:= 0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2 \\
 13532 &:= 0^7 + 1^8 + 2^2 - 3^9 + 4^4 + 5^6 + 6^0 + 7^5 + 8^3 + 9^1 \\
 13533 &:= 0^6 + 1^9 + 2^4 - 3^8 + 4^7 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0 \\
 13534 &:= 0^7 - 1^9 + 2^8 + 3^1 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3 \\
 13535 &:= 0^5 - 1^6 + 2^9 - 3^8 + 4^7 + 5^0 + 6^1 + 7^4 + 8^2 + 9^3 \\
 13536 &:= 0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3 \\
 13537 &:= 0^7 - 1^8 + 2^9 + 3^2 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0 \\
 13538 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4 \\
 13539 &:= 0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0 \\
 13540 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^0 + 7^2 + 8^1 + 9^4 \\
 13541 &:= 0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^4 + 6^5 + 7^0 + 8^3 + 9^1 \\
 13542 &:= 0^7 - 1^8 + 2^9 + 3^6 + 4^0 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2 \\
 13543 &:= 0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2 \\
 13544 &:= 0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2 \\
 13545 &:= 0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0 \\
 13546 &:= 0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1 \\
 13547 &:= 0^1 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2 \\
 13548 &:= -0^0 - 1^7 + 2^8 - 3^9 + 4^4 + 5^6 + 6^3 + 7^5 + 8^2 + 9^1 \\
 13549 &:= 0^7 - 1^9 + 2^8 + 3^1 + 4^6 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3 \\
 13550 &:= -0^0 - 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2 \\
 13551 &:= 0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3 \\
 13552 &:= 0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4 \\
 13553 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4 \\
 13554 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4 \\
 13555 &:= 0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3 \\
 13556 &:= 0^8 + 1^9 - 2^3 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1 \\
 13557 &:= 0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0 \\
 13558 &:= -0^0 + 1^7 + 2^9 - 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1 \\
 13559 &:= 0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^2 + 7^0 + 8^4 + 9^1 \\
 13560 &:= 0^0 + 1^7 + 2^9 - 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1 \\
 13561 &:= 0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^2 + 9^1 \\
 13562 &:= 0^7 + 1^9 + 2^5 - 3^8 + 4^2 + 5^6 + 6^0 + 7^3 + 8^4 + 9^1 \\
 13563 &:= 0^6 - 1^9 + 2^4 - 3^8 + 4^7 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2 \\
 13564 &:= 0^4 + 1^7 + 2^8 - 3^9 + 4^0 + 5^6 + 6^2 + 7^5 + 8^3 + 9^1 \\
 13565 &:= 0^6 + 1^9 + 2^4 - 3^8 + 4^7 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2 \\
 13566 &:= 0^6 + 1^9 + 2^4 - 3^8 + 4^7 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2 \\
 13567 &:= 0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0 \\
 13568 &:= 0^0 + 1^7 + 2^8 - 3^9 + 4^4 + 5^6 + 6^3 + 7^5 + 8^1 + 9^2 \\
 13569 &:= 0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0 \\
 13570 &:= 0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1 \\
 13571 &:= 0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0 \\
 13572 &:= 0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1 \\
 13573 &:= 0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0 \\
 13574 &:= 0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1 \\
 13575 &:= 0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0 \\
 13576 &:= 0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^0 + 9^2 \\
 13577 &:= 0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2 \\
 13578 &:= 0^6 + 1^7 - 2^8 - 3^9 + 4^3 + 5^4 + 6^0 + 7^2 + 8^5 + 9^1 \\
 13579 &:= 0^7 - 1^8 + 2^9 + 3^0 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1 \\
 13580 &:= 0^7 - 1^9 + 2^5 - 3^8 + 4^0 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1 \\
 13581 &:= 0^7 + 1^8 + 2^9 + 3^0 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1 \\
 13582 &:= 0^7 + 1^9 + 2^5 - 3^8 + 4^0 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1 \\
 13583 &:= 0^7 - 1^9 - 2^5 + 3^8 + 4^6 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1 \\
 13584 &:= 0^8 - 1^9 - 2^3 + 3^7 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2 \\
 13585 &:= 0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1 \\
 13586 &:= 0^8 + 1^9 - 2^3 + 3^7 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2 \\
 13587 &:= 0^7 + 1^8 + 2^6 - 3^9 + 4^4 + 5^3 + 6^1 + 7^2 + 8^5 + 9^0 \\
 13588 &:= 0^7 - 1^8 + 2^6 - 3^9 + 4^4 + 5^3 + 6^0 + 7^2 + 8^5 + 9^1 \\
 13589 &:= 0^5 - 1^9 + 2^7 - 3^8 + 4^1 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2 \\
 13590 &:= 0^7 + 1^8 + 2^6 - 3^9 + 4^4 + 5^3 + 6^0 + 7^2 + 8^5 + 9^1 \\
 13591 &:= 0^5 + 1^9 + 2^7 - 3^8 + 4^1 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2 \\
 13592 &:= 0^5 - 1^9 + 2^7 - 3^8 + 4^0 + 5^6 + 6^3 + 7^1 + 8^4 + 9^2 \\
 13593 &:= 0^7 + 1^9 + 2^8 + 3^4 - 4^6 + 5^2 + 6^1 + 7^5 + 8^3 + 9^0 \\
 13594 &:= 0^5 + 1^9 + 2^7 - 3^8 + 4^0 + 5^6 + 6^3 + 7^1 + 8^4 + 9^2 \\
 13595 &:= 0^5 - 1^8 - 2^9 - 3^7 + 4^4 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0 \\
 13596 &:= 0^7 - 1^9 - 2^8 + 3^3 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4 \\
 13597 &:= 0^2 - 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0 \\
 13598 &:= 0^7 + 1^9 - 2^8 + 3^3 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4 \\
 13599 &:= 0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2 \\
 13600 &:= 0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2 \\
 13601 &:= 0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2 \\
 13602 &:= 0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2 \\
 13603 &:= 0^6 + 1^8 - 2^7 - 3^9 + 4^4 + 5^0 + 6^2 + 7^3 + 8^5 + 9^1 \\
 13604 &:= 0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4 \\
 13605 &:= 0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^3 + 7^0 + 8^1 + 9^4 \\
 13606 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4 \\
 13607 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^3 + 7^0 + 8^1 + 9^4 \\
 13608 &:= 0^7 - 1^9 - 2^8 + 3^3 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4 \\
 13609 &:= 0^7 + 1^9 + 2^8 + 3^6 + 4^2 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3 \\
 13610 &:= 0^7 + 1^9 - 2^8 + 3^3 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4 \\
 13611 &:= 0^7 + 1^8 + 2^9 + 3^0 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2 \\
 13612 &:= 0^7 + 1^9 - 2^8 + 3^3 + 4^6 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4 \\
 13613 &:= 0^4 + 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2 \\
 13614 &:= 0^4 + 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2 \\
 13615 &:= 0^7 - 1^9 + 2^8 + 3^6 + 4^1 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3 \\
 13616 &:= 0^2 + 1^8 - 2^7 - 3^9 + 4^4 + 5^6 + 6^0 + 7^5 + 8^1 + 9^3 \\
 13617 &:= 0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3 \\
 13618 &:= 0^7 - 1^9 + 2^8 + 3^6 + 4^0 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3 \\
 13619 &:= 0^7 + 1^8 + 2^6 - 3^9 + 4^4 + 5^3 + 6^1 + 7^0 + 8^5 + 9^2 \\
 13620 &:= 0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3 \\
 13621 &:= 0^5 + 1^6 - 2^9 - 3^8 + 4^7 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2 \\
 13622 &:= 0^7 + 1^9 + 2^5 - 3^8 + 4^1 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2 \\
 13623 &:= 0^7 - 1^9 - 2^8 + 3^3 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4 \\
 13624 &:= 0^7 - 1^9 - 2^5 + 3^8 + 4^6 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2 \\
 13625 &:= 0^7 + 1^9 - 2^8 + 3^3 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4 \\
 13626 &:= 0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4 \\
 13627 &:= 0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2 \\
 13628 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4 \\
 13629 &:= 0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4 \\
 13630 &:= 0^7 + 1^8 - 2^9 + 3^2 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4 \\
 13631 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4 \\
 13632 &:= 0^7 + 1^8 - 2^9 + 3^2 + 4^6 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4 \\
 13633 &:= 0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0 \\
 13634 &:= 0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3 \\
 13635 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0 \\
 13636 &:= 0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3 \\
 13637 &:= 0^6 + 1^7 - 2^9 + 3^8 + 4^2 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0 \\
 13638 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1 \\
 13639 &:= 0^7 - 1^9 + 2^8 + 3^6 + 4^1 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3 \\
 13640 &:= 0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3 \\
 13641 &:= 0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3 \\
 13642 &:= 0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^1 + 6^5 + 7^2 + 8^4 + 9^3 \\
 13643 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4 \\
 13644 &:= 0^5 - 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4 \\
 13645 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^3 + 7^1 + 8^2 + 9^4 \\
 13646 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4 \\
 13647 &:= 0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1 \\
 13648 &:= 0^4 + 1^8 + 2^7 - 3^9 + 4^1 + 5^6 + 6^2 + 7^5 + 8^0 + 9^3 \\
 13649 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1 \\
 13650 &:= 0^4 - 1^8 + 2^7 - 3^9 + 4^0 + 5^6 + 6^2 + 7^5 + 8^1 + 9^3 \\
 13651 &:= 0^6 + 1^8 + 2^7 - 3^9 + 4^4 + 5^3 + 6^1 + 7^2 + 8^5 + 9^0 \\
 13652 &:= 0^7 - 1^8 - 2^9 + 3^1 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4 \\
 13653 &:= 0^5 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4 \\
 13654 &:= 0^7 + 1^8 - 2^9 + 3^1 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4 \\
 13655 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4 \\
 13656 &:= 0^2 + 1^8 + 2^7 - 3^9 + 4^4 + 5^6 + 6^0 + 7^5 + 8^3 + 9^1 \\
 13657 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^2 + 7^1 + 8^3 + 9^4 \\
 13658 &:= 0^4 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1 \\
 13659 &:= 0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0
 \end{aligned}$$

13660 := $0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$	13709 := $0^7 + 1^8 + 2^6 - 3^9 + 4^4 + 5^1 + 6^3 + 7^0 + 8^5 + 9^2$	13758 := $0^7 - 1^9 - 2^8 + 3^2 + 4^6 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
13661 := $0^2 + 1^9 - 2^8 - 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^4 + 9^1$	13710 := $0^0 + 1^9 - 2^8 - 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1$	13759 := $0^1 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3$
13662 := $0^6 - 1^8 - 2^4 - 3^9 + 4^7 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$	13711 := $0^7 + 1^8 + 2^6 - 3^9 + 4^4 + 5^0 + 6^3 + 7^1 + 8^5 + 9^2$	13760 := $0^7 + 1^9 - 2^8 + 3^2 + 4^6 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
13663 := $0^3 + 1^8 - 2^5 - 3^9 + 4^7 + 5^6 + 6^4 + 7^1 + 8^2 + 9^0$	13712 := $0^3 - 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$	13761 := $0^7 + 1^9 - 2^8 + 3^2 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
13664 := $0^6 + 1^8 - 2^4 - 3^9 + 4^7 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$	13713 := $0^3 + 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^4 + 7^2 + 8^1 + 9^0$	13762 := $0^4 + 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$
13665 := $0^6 - 1^8 - 2^9 + 3^7 + 4^3 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$	13714 := $0^3 + 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$	13763 := $0^4 + 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^2$
13666 := $0^5 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4$	13715 := $0^3 - 1^7 - 2^9 - 3^8 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^0$	13764 := $-0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^1 + 8^4 + 9^3$
13667 := $0^5 - 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^1 + 7^2 + 8^3 + 9^4$	13716 := $0^5 - 1^9 + 2^7 - 3^8 + 4^1 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2$	13765 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^1 + 7^4 + 8^2 + 9^0$
13668 := $0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4$	13717 := $0^6 - 1^8 + 2^7 - 3^9 + 4^4 + 5^2 + 6^3 + 7^1 + 8^5 + 9^0$	13766 := $0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^1 + 8^4 + 9^3$
13669 := $0^5 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^1 + 7^2 + 8^3 + 9^4$	13718 := $0^5 + 1^9 + 2^7 - 3^8 + 4^1 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2$	13767 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^1 + 7^4 + 8^2 + 9^0$
13670 := $0^4 + 1^9 - 2^6 - 3^8 + 4^7 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3$	13719 := $0^6 + 1^8 + 2^7 - 3^9 + 4^4 + 5^2 + 6^3 + 7^1 + 8^5 + 9^0$	13768 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$
13671 := $0^6 + 1^8 - 2^9 + 3^7 + 4^3 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$	13720 := $0^5 + 1^8 + 2^3 - 3^9 + 4^7 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$	13769 := $0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4$
13672 := $0^1 - 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$	13721 := $0^5 + 1^8 + 2^3 - 3^9 + 4^7 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$	13770 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$
13673 := $0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3$	13722 := $0^6 - 1^8 + 2^4 - 3^9 + 4^7 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1$	13771 := $0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4$
13674 := $0^6 - 1^8 + 2^9 + 3^7 + 4^0 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$	13723 := $0^8 - 1^9 - 2^2 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0$	13772 := $0^1 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$
13675 := $0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3$	13724 := $0^8 - 1^9 - 2^7 + 3^3 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$	13773 := $0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$
13676 := $0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$	13725 := $0^8 + 1^9 - 2^2 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0$	13774 := $-0^0 - 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$
13677 := $0^9 - 1^0 - 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^2$	13726 := $0^8 + 1^9 - 2^7 + 3^3 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$	13775 := $0^6 + 1^9 - 2^7 + 3^8 + 4^3 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
13678 := $-0^0 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^2$	13727 := $0^6 + 1^8 - 2^9 + 3^7 + 4^1 + 5^3 + 6^5 + 7^2 + 8^4 + 9^0$	13776 := $-0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$
13679 := $0^9 + 1^0 - 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^2$	13728 := $0^2 - 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^3$	13777 := $0^8 + 1^0 - 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$
13680 := $0^0 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^2$	13729 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0$	13778 := $0^8 - 1^9 + 2^0 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
13681 := $0^7 + 1^8 + 2^6 - 3^9 + 4^4 + 5^0 + 6^3 + 7^2 + 8^5 + 9^1$	13730 := $0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4$	13779 := $0^6 + 1^7 + 2^8 - 3^9 + 4^4 + 5^3 + 6^1 + 7^2 + 8^5 + 9^0$
13682 := $0^7 + 1^8 - 2^9 + 3^1 + 4^6 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$	13731 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0$	13780 := $0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
13683 := $0^4 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^0$	13732 := $0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4$	13781 := $0^2 + 1^7 + 2^8 - 3^9 + 4^4 + 5^6 + 6^1 + 7^5 + 8^3 + 9^0$
13684 := $0^6 + 1^8 + 2^7 - 3^9 + 4^4 + 5^3 + 6^0 + 7^1 + 8^5 + 9^2$	13733 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0$	13782 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$
13685 := $0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^0$	13734 := $0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^0 + 7^3 + 8^1 + 9^4$	13783 := $0^5 + 1^7 + 2^9 - 3^8 + 4^3 + 5^6 + 6^2 + 7^0 + 8^4 + 9^1$
13686 := $0^4 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1$	13735 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^1$	13784 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$
13687 := $0^5 - 1^8 + 2^3 - 3^9 + 4^7 + 5^6 + 6^4 + 7^2 + 8^1 + 9^0$	13736 := $0^8 - 1^9 - 2^7 + 3^3 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$	13785 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2$
13688 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2$	13737 := $0^6 - 1^9 + 2^4 - 3^8 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$	13786 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^0 + 7^4 + 8^1 + 9^2$
13689 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2$	13738 := $0^8 + 1^9 - 2^7 + 3^3 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$	13787 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2$
13690 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2$	13739 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^2 + 7^4 + 8^1 + 9^0$	13788 := $0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$
13691 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2$	13740 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$	13789 := $0^7 - 1^8 + 2^6 - 3^9 + 4^4 + 5^1 + 6^2 + 7^3 + 8^5 + 9^0$
13692 := $0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$	13741 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^2 + 7^4 + 8^1 + 9^0$	13790 := $0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
13693 := $0^6 - 1^8 + 2^4 - 3^9 + 4^7 + 5^3 + 6^2 + 7^5 + 8^1 + 9^0$	13742 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$	13791 := $0^7 + 1^8 + 2^6 - 3^9 + 4^4 + 5^1 + 6^2 + 7^3 + 8^5 + 9^0$
13694 := $0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^2 + 6^0 + 7^4 + 8^1 + 9^3$	13743 := $0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4$	13792 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
13695 := $0^6 - 1^8 - 2^9 + 3^7 + 4^2 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$	13744 := $0^3 + 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$	13793 := $0^5 + 1^7 + 2^9 - 3^8 + 4^3 + 5^6 + 6^1 + 7^2 + 8^4 + 9^0$
13696 := $0^6 + 1^8 + 2^4 - 3^9 + 4^7 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$	13745 := $0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4$	13794 := $0^7 - 1^9 - 2^8 + 3^1 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
13697 := $0^6 + 1^8 - 2^9 + 3^7 + 4^2 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$	13746 := $0^7 + 1^8 + 2^2 - 3^9 + 4^4 + 5^6 + 6^1 + 7^5 + 8^0 + 9^3$	13795 := $0^7 - 1^8 + 2^9 + 3^0 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
13698 := $0^6 - 1^7 - 2^9 + 3^8 + 4^1 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$	13747 := $0^4 + 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^2 + 9^1$	13796 := $0^7 + 1^9 - 2^8 + 3^1 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
13699 := $0^6 + 1^8 - 2^9 + 3^7 + 4^2 + 5^3 + 6^5 + 7^0 + 8^4 + 9^1$	13748 := $0^7 + 1^8 + 2^2 - 3^9 + 4^4 + 5^6 + 6^0 + 7^5 + 8^1 + 9^3$	13797 := $0^7 + 1^8 + 2^9 + 3^0 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
13700 := $0^6 + 1^7 - 2^9 + 3^8 + 4^1 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$	13749 := $0^4 + 1^6 + 2^9 - 3^8 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$	13798 := $0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$
13701 := $0^6 + 1^8 - 2^9 + 3^7 + 4^3 + 5^0 + 6^5 + 7^1 + 8^4 + 9^2$	13750 := $0^6 + 1^9 + 2^4 - 3^8 + 4^7 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3$	13799 := $0^7 + 1^8 - 2^9 + 3^2 + 4^6 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$
13702 := $0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^2$	13751 := $0^8 - 1^9 - 2^7 + 3^3 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$	13800 := $0^7 + 1^8 - 2^9 + 3^2 + 4^6 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$
13703 := $0^5 - 1^9 - 2^7 + 3^8 + 4^6 + 5^0 + 6^2 + 7^4 + 8^1 + 9^3$	13752 := $0^8 - 1^9 - 2^7 + 3^3 + 4^6 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$	13801 := $0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^0 + 6^2 + 7^4 + 8^1 + 9^3$
13704 := $0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^1 + 9^2$	13753 := $0^8 + 1^9 - 2^7 + 3^3 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$	13802 := $0^6 - 1^7 - 2^9 + 3^8 + 4^5 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4$
13705 := $0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^0 + 6^2 + 7^4 + 8^1 + 9^3$	13754 := $0^7 - 1^8 + 2^9 + 3^2 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3$	13803 := $0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$
13706 := $0^6 + 1^8 - 2^4 - 3^9 + 4^7 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$	13755 := $0^7 - 1^8 + 2^9 + 3^2 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$	13804 := $0^6 + 1^7 - 2^9 + 3^8 + 4^5 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4$
13707 := $0^7 - 1^8 + 2^6 - 3^9 + 4^4 + 5^1 + 6^3 + 7^0 + 8^5 + 9^2$	13756 := $0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3$	13805 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$
13708 := $0^6 + 1^8 - 2^4 - 3^9 + 4^7 + 5^3 + 6^0 + 7^5 + 8^1 + 9^2$	13757 := $0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$	13806 := $0^6 - 1^9 - 2^7 + 3^8 + 4^3 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$

13807 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^0 + 8^4 + 9^1$	13856 := $0^1 + 1^7 + 2^8 - 3^9 + 4^4 + 5^6 + 6^0 + 7^5 + 8^3 + 9^2$	13905 := $0^7 + 1^8 - 2^9 + 3^2 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$
13808 := $0^8 - 1^9 + 2^0 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$	13857 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$	13906 := $0^6 + 1^7 - 2^9 + 3^8 + 4^5 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4$
13809 := $0^7 - 1^8 + 2^9 + 3^0 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$	13858 := $-0^0 - 1^7 + 2^8 - 3^9 + 4^4 + 5^6 + 6^1 + 7^5 + 8^3 + 9^2$	13907 := $0^6 - 1^7 - 2^9 + 3^8 + 4^5 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4$
13810 := $0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$	13859 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$	13908 := $0^7 - 1^9 - 2^8 + 3^1 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
13811 := $0^7 + 1^8 + 2^9 + 3^0 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$	13860 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$	13909 := $0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$
13812 := $0^6 + 1^7 + 2^8 - 3^9 + 4^4 + 5^3 + 6^0 + 7^1 + 8^5 + 9^2$	13861 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1$	13910 := $0^7 + 1^9 - 2^8 + 3^1 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
13813 := $0^7 - 1^9 - 2^8 + 3^0 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4$	13862 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$	13911 := $0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$
13814 := $0^6 - 1^7 - 2^9 + 3^8 + 4^5 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4$	13863 := $0^7 - 1^8 + 2^9 + 3^6 + 4^2 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3$	13912 := $0^7 + 1^9 - 2^5 - 3^8 + 4^1 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3$
13815 := $0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$	13864 := $0^2 + 1^7 - 2^8 - 3^9 + 4^3 + 5^6 + 6^4 + 7^5 + 8^0 + 9^1$	13913 := $0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^2 + 7^1 + 8^3 + 9^4$
13816 := $0^6 + 1^7 - 2^9 + 3^8 + 4^5 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4$	13865 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3$	13914 := $0^8 - 1^9 + 2^7 - 3^6 + 4^1 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$
13817 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$	13866 := $0^7 - 1^9 - 2^8 - 3^2 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$	13915 := $0^7 + 1^9 - 2^8 + 3^0 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$
13818 := $0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$	13867 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^0 + 6^5 + 7^1 + 8^4 + 9^3$	13916 := $0^8 + 1^9 + 2^7 - 3^6 + 4^1 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$
13819 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$	13868 := $0^2 - 1^8 + 2^7 - 3^9 + 4^4 + 5^6 + 6^1 + 7^5 + 8^0 + 9^3$	13917 := $0^6 + 1^8 - 2^9 + 3^7 + 4^2 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$
13820 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$	13869 := $0^4 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2$	13918 := $0^8 - 1^9 + 2^7 - 3^6 + 4^0 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$
13821 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$	13870 := $0^4 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2$	13919 := $0^6 - 1^7 - 2^9 + 3^8 + 4^5 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$
13822 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$	13871 := $0^7 - 1^8 + 2^9 + 3^6 + 4^1 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3$	13920 := $0^8 + 1^9 + 2^7 - 3^6 + 4^0 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$
13823 := $0^7 + 1^8 - 2^9 + 3^1 + 4^6 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$	13872 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$	13921 := $0^6 + 1^7 - 2^9 + 3^8 + 4^5 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$
13824 := $0^7 + 1^8 - 2^9 + 3^3 + 4^6 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1$	13873 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3$	13922 := $0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4$
13825 := $0^4 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$	13874 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$	13923 := $0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^1 + 7^2 + 8^3 + 9^4$
13826 := $0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$	13875 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2$	13924 := $0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4$
13827 := $0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$	13876 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3$	13925 := $0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^1 + 7^2 + 8^3 + 9^4$
13828 := $0^6 + 1^8 + 2^4 - 3^9 + 4^7 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$	13877 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2$	13926 := $0^4 + 1^8 - 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^3 + 8^0 + 9^1$
13829 := $0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^3 + 9^1$	13878 := $0^4 + 1^6 + 2^9 - 3^8 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1$	13927 := $0^6 + 1^9 - 2^8 + 3^7 + 4^3 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
13830 := $0^6 - 1^7 - 2^9 + 3^8 + 4^5 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$	13879 := $0^7 + 1^8 - 2^9 + 3^3 + 4^6 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2$	13928 := $0^8 + 1^9 - 2^1 + 3^7 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
13831 := $0^6 + 1^7 - 2^9 + 3^8 + 4^5 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$	13880 := $0^3 + 1^7 - 2^8 - 3^9 + 4^0 + 5^6 + 6^4 + 7^5 + 8^1 + 9^2$	13929 := $0^4 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$
13832 := $0^6 + 1^7 - 2^9 + 3^8 + 4^5 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$	13881 := $0^8 - 1^9 - 2^1 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$	13930 := $0^8 - 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
13833 := $0^8 - 1^9 + 2^7 - 3^6 + 4^3 + 5^2 + 6^5 + 7^0 + 8^1 + 9^4$	13882 := $0^6 - 1^7 - 2^9 + 3^8 + 4^5 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4$	13931 := $0^8 + 1^9 + 2^7 - 3^6 + 4^1 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$
13834 := $0^7 - 1^8 - 2^9 + 3^1 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$	13883 := $0^8 + 1^9 - 2^1 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$	13932 := $0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
13835 := $0^8 + 1^9 + 2^7 - 3^6 + 4^3 + 5^2 + 6^5 + 7^0 + 8^1 + 9^4$	13884 := $0^6 + 1^7 - 2^9 + 3^8 + 4^5 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4$	13933 := $0^8 + 1^0 + 2^7 - 3^9 + 4^4 + 5^6 + 6^1 + 7^5 + 8^2 + 9^3$
13836 := $0^7 + 1^8 - 2^9 + 3^1 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$	13885 := $0^8 - 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$	13934 := $0^8 - 1^9 + 2^0 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^2$
13837 := $0^4 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0$	13886 := $0^7 + 1^9 - 2^8 + 3^2 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$	13935 := $0^4 + 1^6 + 2^8 - 3^9 + 4^7 + 5^3 + 6^2 + 7^5 + 8^1 + 9^0$
13838 := $0^5 + 1^6 - 2^9 - 3^8 + 4^7 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2$	13887 := $0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$	13936 := $0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^2$
13839 := $0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0$	13888 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$	13937 := $0^8 - 1^9 - 2^7 + 3^1 + 4^6 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$
13840 := $0^4 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$	13889 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^0 + 6^1 + 7^4 + 8^2 + 9^3$	13938 := $0^7 + 1^9 - 2^8 + 3^1 + 4^6 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
13841 := $0^2 - 1^9 - 2^8 + 3^0 - 4^7 + 5^6 + 6^5 + 7^1 + 8^3 + 9^4$	13890 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$	13939 := $0^8 + 1^9 - 2^7 + 3^1 + 4^6 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$
13842 := $0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$	13891 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^0 + 6^1 + 7^4 + 8^2 + 9^3$	13940 := $0^8 + 1^9 + 2^7 - 3^3 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$
13843 := $0^6 - 1^8 + 2^7 - 3^9 + 4^4 + 5^2 + 6^1 + 7^3 + 8^5 + 9^0$	13892 := $0^8 - 1^9 + 2^0 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1$	13941 := $0^7 + 1^9 - 2^8 + 3^0 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$
13844 := $0^6 + 1^7 - 2^8 - 3^9 + 4^0 + 5^4 + 6^2 + 7^3 + 8^5 + 9^1$	13893 := $0^6 - 1^9 - 2^7 + 3^8 + 4^2 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0$	13942 := $0^8 + 1^9 + 2^7 - 3^3 + 4^6 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4$
13845 := $0^6 + 1^8 + 2^7 - 3^9 + 4^4 + 5^2 + 6^1 + 7^3 + 8^5 + 9^0$	13894 := $0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1$	13943 := $0^4 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$
13846 := $0^6 - 1^8 + 2^7 - 3^9 + 4^4 + 5^2 + 6^0 + 7^3 + 8^5 + 9^1$	13895 := $0^7 - 1^8 + 2^9 + 3^6 + 4^1 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$	13944 := $0^7 - 1^9 + 2^5 - 3^8 + 4^2 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3$
13847 := $0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$	13896 := $0^7 - 1^8 + 2^9 + 3^6 + 4^0 + 5^1 + 6^5 + 7^2 + 8^4 + 9^3$	13945 := $0^4 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^2 + 9^1$
13848 := $0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$	13897 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$	13946 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$
13849 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$	13898 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^1 + 6^5 + 7^2 + 8^4 + 9^3$	13947 := $0^6 + 1^8 + 2^7 - 3^9 + 4^3 + 5^4 + 6^2 + 7^1 + 8^5 + 9^0$
13850 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$	13899 := $0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^1 + 7^0 + 8^3 + 9^4$	13948 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$
13851 := $0^8 + 1^9 - 2^2 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$	13900 := $0^5 - 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$	13949 := $0^6 + 1^8 + 2^7 - 3^9 + 4^3 + 5^4 + 6^2 + 7^0 + 8^5 + 9^1$
13852 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$	13901 := $0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^1 + 7^0 + 8^3 + 9^4$	13950 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^0 + 7^4 + 8^1 + 9^3$
13853 := $0^6 - 1^8 + 2^7 - 3^9 + 4^4 + 5^1 + 6^2 + 7^3 + 8^5 + 9^0$	13902 := $0^5 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$	13951 := $0^6 - 1^9 - 2^8 + 3^7 + 4^2 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$
13854 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^2 + 6^0 + 7^4 + 8^1 + 9^3$	13903 := $0^6 + 1^9 - 2^8 + 3^7 + 4^3 + 5^2 + 6^5 + 7^0 + 8^4 + 9^1$	13952 := $0^3 + 1^6 - 2^8 - 3^9 + 4^7 + 5^4 + 6^0 + 7^5 + 8^2 + 9^1$
13855 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$	13904 := $0^6 - 1^7 - 2^9 + 3^8 + 4^5 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4$	13953 := $0^7 - 1^9 + 2^6 + 3^8 + 4^3 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$

13954 := $0^8 - 1^9 + 2^7 - 3^3 + 4^6 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$
13955 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$
13956 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$
13957 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^5 + 6^2 + 7^0 + 8^4 + 9^1$
13958 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$
13959 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^2 + 7^4 + 8^1 + 9^3$
13960 := $0^4 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^0 + 9^2$
13961 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^2 + 7^4 + 8^1 + 9^3$
13962 := $0^6 + 1^8 + 2^7 - 3^9 + 4^3 + 5^4 + 6^0 + 7^2 + 8^5 + 9^1$
13963 := $0^4 - 1^8 - 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^2 + 9^1$
13964 := $0^4 + 1^6 + 2^8 - 3^9 + 4^7 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1$
13965 := $0^7 - 1^9 + 2^6 + 3^8 + 4^3 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
13966 := $0^7 + 1^9 + 2^5 - 3^8 + 4^0 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$
13967 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
13968 := $0^7 - 1^9 + 2^6 + 3^8 + 4^3 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
13969 := $0^3 + 1^5 + 2^8 - 3^9 + 4^7 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$

13970 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
13971 := $0^6 - 1^7 + 2^8 - 3^9 + 4^4 + 5^2 + 6^1 + 7^3 + 8^5 + 9^0$
13972 := $0^7 + 1^8 - 2^9 + 3^1 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$
13973 := $0^6 + 1^7 + 2^8 - 3^9 + 4^4 + 5^2 + 6^1 + 7^3 + 8^5 + 9^0$
13974 := $0^6 - 1^7 + 2^8 - 3^9 + 4^4 + 5^2 + 6^0 + 7^3 + 8^5 + 9^1$
13975 := $0^6 - 1^8 - 2^9 + 3^7 + 4^1 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$
13976 := $0^4 - 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^0 + 9^2$
13977 := $0^6 + 1^8 - 2^9 + 3^7 + 4^1 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$
13978 := $0^4 + 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^0 + 9^2$
13979 := $0^4 - 1^8 - 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^2$
13980 := $0^8 - 1^9 + 2^7 + 3^3 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$
13981 := $0^8 - 1^9 + 2^7 + 3^3 + 4^6 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$
13982 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$
13983 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$
13984 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$
13985 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0$

13986 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$
13987 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^1$
13988 := $0^4 + 1^9 - 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^1$
13989 := $0^7 + 1^9 - 2^6 + 3^8 + 4^1 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$
13990 := $0^6 - 1^8 + 2^7 - 3^9 + 4^3 + 5^4 + 6^0 + 7^1 + 8^5 + 9^2$
13991 := $0^6 + 1^8 + 2^7 - 3^9 + 4^3 + 5^4 + 6^1 + 7^0 + 8^5 + 9^2$
13992 := $0^8 - 1^9 + 2^7 + 3^3 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$
13993 := $0^5 - 1^9 - 2^8 - 3^7 + 4^4 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0$
13994 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$
13995 := $0^5 + 1^9 - 2^8 - 3^7 + 4^4 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0$
13996 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4$
13997 := $0^7 - 1^9 + 2^6 + 3^8 + 4^3 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$
13998 := $0^7 - 1^9 + 2^6 + 3^8 + 4^3 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$
13999 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$
14000 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$

14001 := $0^4 + 1^9 - 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^2 + 9^0$
14002 := $0^8 + 1^9 + 2^5 - 3^7 + 4^4 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1$
14003 := $0^4 + 1^9 - 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^2 + 9^1$
14004 := $0^3 + 1^8 - 2^7 - 3^9 + 4^1 + 5^6 + 6^4 + 7^5 + 8^0 + 9^2$
14005 := $0^2 - 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^4 + 7^3 + 8^1 + 9^0$
14006 := $0^2 - 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$
14007 := $0^8 - 1^9 + 2^7 + 3^3 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$
14008 := $0^8 - 1^9 + 2^7 + 3^3 + 4^6 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$
14009 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$
14010 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$
14011 := $0^7 - 1^8 - 2^6 - 3^9 + 4^2 + 5^4 + 6^1 + 7^3 + 8^5 + 9^0$
14012 := $0^6 + 1^7 - 2^9 + 3^8 + 4^5 + 5^2 + 6^0 + 7^3 + 8^1 + 9^4$
14013 := $0^1 - 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3$
14014 := $0^8 + 1^9 - 2^7 + 3^2 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$
14015 := $0^1 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3$
14016 := $0^8 + 1^9 - 2^7 + 3^2 + 4^6 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4$
14017 := $0^6 - 1^9 + 2^7 + 3^8 + 4^3 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$
14018 := $0^4 + 1^9 - 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$
14019 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$
14020 := $0^6 + 1^7 - 2^9 + 3^8 + 4^5 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$
14021 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^5 + 6^2 + 7^0 + 8^4 + 9^1$
14022 := $0^0 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^1 + 8^4 + 9^3$
14023 := $0^6 + 1^7 - 2^9 + 3^8 + 4^2 + 5^5 + 6^1 + 7^0 + 8^4 + 9^3$
14024 := $0^6 + 1^7 - 2^9 + 3^8 + 4^2 + 5^5 + 6^0 + 7^1 + 8^4 + 9^3$
14025 := $0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$
14026 := $0^1 - 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$
14027 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$
14028 := $0^1 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$
14029 := $0^6 - 1^9 + 2^7 + 3^8 + 4^3 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
14030 := $-0^0 - 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$
14031 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
14032 := $0^6 - 1^9 + 2^7 + 3^8 + 4^3 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$

14033 := $0^9 - 1^0 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
14034 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
14035 := $0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
14036 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
14037 := $0^6 - 1^9 - 2^7 + 3^8 + 4^1 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$
14038 := $0^8 + 1^9 - 2^7 + 3^1 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
14039 := $0^6 + 1^9 - 2^7 + 3^8 + 4^1 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$
14040 := $0^7 - 1^9 - 2^4 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$
14041 := $0^6 + 1^7 - 2^9 + 3^8 + 4^1 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3$
14042 := $0^7 + 1^9 - 2^4 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$
14043 := $0^4 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$
14044 := $0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^3$
14045 := $0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$
14046 := $0^6 - 1^7 - 2^9 + 3^8 + 4^5 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$
14047 := $0^6 - 1^7 - 2^9 + 3^8 + 4^5 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4$
14048 := $0^6 + 1^7 - 2^9 + 3^8 + 4^5 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$
14049 := $0^6 + 1^7 - 2^9 + 3^8 + 4^5 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4$
14050 := $0^5 + 1^8 + 2^1 - 3^9 + 4^7 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$
14051 := $0^4 + 1^6 + 2^8 - 3^9 + 4^7 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0$
14052 := $0^6 - 1^7 - 2^9 + 3^8 + 4^1 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$
14053 := $0^7 - 1^9 - 2^4 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$
14054 := $0^6 + 1^7 - 2^9 + 3^8 + 4^1 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$
14055 := $0^7 + 1^9 - 2^4 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$
14056 := $0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3$
14057 := $0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2$
14058 := $0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^1 + 9^3$
14059 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2$
14060 := $-0^0 + 1^7 + 2^8 - 3^9 + 4^4 + 5^6 + 6^1 + 7^5 + 8^2 + 9^3$
14061 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$
14062 := $0^6 - 1^9 + 2^7 + 3^8 + 4^3 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$
14063 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^0 + 8^4 + 9^1$
14064 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$

14065 := $0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$
14066 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$
14067 := $0^4 - 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^0$
14068 := $0^4 + 1^6 + 2^8 - 3^9 + 4^7 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$
14069 := $0^4 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^0$
14070 := $0^4 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^2 + 9^3$
14071 := $0^3 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
14072 := $0^7 - 1^9 + 2^4 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$
14073 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
14074 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$
14075 := $0^6 + 1^7 + 2^8 - 3^9 + 4^3 + 5^4 + 6^2 + 7^1 + 8^5 + 9^0$
14076 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
14077 := $0^7 - 1^9 - 2^8 + 3^1 + 4^6 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$
14078 := $0^7 - 1^9 - 2^8 + 3^3 + 4^6 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1$
14079 := $0^7 + 1^9 - 2^8 + 3^1 + 4^6 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$
14080 := $0^7 + 1^9 - 2^8 + 3^3 + 4^6 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1$
14081 := $0^7 - 1^9 - 2^8 + 3^0 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$
14082 := $0^6 - 1^9 - 2^7 + 3^8 + 4^1 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
14083 := $0^7 + 1^9 - 2^8 + 3^0 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$
14084 := $0^6 + 1^9 - 2^7 + 3^8 + 4^1 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
14085 := $0^7 - 1^9 + 2^4 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$
14086 := $0^4 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^2$
14087 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$
14088 := $0^4 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^1 + 9^2$
14089 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^2 + 9^1$
14090 := $0^7 - 1^9 - 2^8 + 3^1 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$
14091 := $0^4 - 1^8 - 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^0$
14092 := $0^7 + 1^9 - 2^8 + 3^1 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$
14093 := $0^4 + 1^8 - 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^0$
14094 := $0^8 + 1^9 - 2^5 - 3^7 + 4^4 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$
14095 := $0^4 + 1^8 - 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^0 + 8^3 + 9^1$
14096 := $0^8 + 1^9 - 2^5 - 3^7 + 4^4 + 5^6 + 6^0 + 7^3 + 8^1 + 9^2$

14097 := $0^3+1^9+2^8-3^7+4^6+5^0+6^5+7^2+8^4+9^1$
14098 := $0^1+1^7-2^9-3^8+4^5+5^6+6^0+7^3+8^4+9^2$
14099 := $0^3-1^9-2^7-3^8+4^5+5^6+6^2+7^1+8^4+9^0$
14100 := $0^5-1^7+2^9-3^8+4^1+5^6+6^0+7^3+8^4+9^2$
14101 := $0^7-1^9-2^6+3^8+4^1+5^5+6^2+7^3+8^4+9^0$
14102 := $0^7-1^9+2^4+3^8+4^6+5^5+6^3+7^1+8^0+9^2$
14103 := $0^3-1^8+2^9+3^7+4^6+5^5+6^1+7^0+8^4+9^2$
14104 := $0^7+1^9+2^4+3^8+4^6+5^5+6^3+7^1+8^0+9^2$
14105 := $0^3+1^8+2^9+3^7+4^6+5^5+6^1+7^0+8^4+9^2$
14106 := $0^3+1^8+2^9+3^7+4^6+5^5+6^0+7^1+8^4+9^2$
14107 := $0^6-1^8+2^7-3^9+4^1+5^4+6^3+7^2+8^5+9^0$
14108 := $0^7-1^9+2^8+3^3+4^6+5^5+6^2+7^1+8^0+9^4$
14109 := $0^2-1^9+2^8+3^7+4^6+5^5+6^1+7^3+8^4+9^0$
14110 := $0^7+1^9+2^8+3^3+4^6+5^5+6^2+7^1+8^0+9^4$
14111 := $0^2+1^9+2^8+3^7+4^6+5^5+6^1+7^3+8^4+9^0$
14112 := $0^2-1^9+2^8+3^7+4^6+5^5+6^0+7^3+8^4+9^1$
14113 := $0^5-1^7+2^9+3^8+4^6+5^2+6^1+7^4+8^3+9^0$
14114 := $0^2+1^9+2^8+3^7+4^6+5^5+6^0+7^3+8^4+9^1$
14115 := $0^5+1^7+2^9+3^8+4^6+5^2+6^1+7^4+8^3+9^0$
14116 := $0^5-1^7+2^9+3^8+4^6+5^2+6^0+7^4+8^3+9^1$
14117 := $0^7+1^9+2^6+3^8+4^1+5^5+6^3+7^2+8^4+9^0$
14118 := $0^5+1^7+2^9+3^8+4^6+5^2+6^0+7^4+8^3+9^1$
14119 := $0^4+1^8-2^9+3^7+4^6+5^0+6^5+7^2+8^3+9^1$
14120 := $0^7-1^9+2^6+3^8+4^0+5^5+6^3+7^2+8^4+9^1$
14121 := $0^6+1^9+2^5-3^8+4^7+5^3+6^2+7^1+8^4+9^0$
14122 := $0^7+1^9+2^6+3^8+4^0+5^5+6^3+7^2+8^4+9^1$
14123 := $0^5-1^7+2^9+3^8+4^6+5^1+6^2+7^4+8^3+9^0$
14124 := $0^7+1^9+2^8+3^3+4^6+5^5+6^0+7^2+8^1+9^4$
14125 := $0^5+1^7+2^9+3^8+4^6+5^1+6^2+7^4+8^3+9^0$
14126 := $0^8+1^9+2^7-3^2+4^6+5^5+6^3+7^1+8^0+9^4$
14127 := $0^5-1^7+2^9+3^8+4^6+5^0+6^2+7^4+8^3+9^1$
14128 := $0^7+1^8+2^3-3^9+4^0+5^6+6^4+7^5+8^2+9^1$
14129 := $0^5+1^7+2^9+3^8+4^6+5^0+6^2+7^4+8^3+9^1$
14130 := $0^7-1^9-2^8+3^3+4^6+5^1+6^5+7^4+8^0+9^2$
14131 := $0^4+1^8+2^6-3^9+4^7+5^0+6^2+7^5+8^3+9^1$
14132 := $0^7+1^9-2^8+3^3+4^6+5^1+6^5+7^4+8^0+9^2$
14133 := $0^7-1^9-2^8+3^3+4^6+5^0+6^5+7^4+8^1+9^2$
14134 := $0^6-1^9+2^5-3^8+4^7+5^3+6^0+7^2+8^4+9^1$
14135 := $0^7-1^9+2^8+3^3+4^6+5^5+6^1+7^0+8^2+9^4$
14136 := $0^7-1^9+2^8+3^3+4^6+5^5+6^0+7^1+8^2+9^4$
14137 := $0^7+1^9+2^8+3^3+4^6+5^5+6^1+7^0+8^2+9^4$
14138 := $0^7+1^9+2^8+3^3+4^6+5^5+6^0+7^1+8^2+9^4$
14139 := $0^1-1^9+2^8+3^7+4^6+5^5+6^2+7^3+8^4+9^0$
14140 := $0^7+1^8+2^3-3^9+4^1+5^6+6^4+7^5+8^0+9^2$
14141 := $0^1+1^9+2^8+3^7+4^6+5^5+6^2+7^3+8^4+9^0$
14142 := $0^8-1^9+2^7+3^2+4^6+5^5+6^3+7^1+8^0+9^4$
14143 := $0^8-1^9+2^7+3^2+4^6+5^5+6^3+7^0+8^1+9^4$
14144 := $0^8+1^9+2^7+3^2+4^6+5^5+6^3+7^1+8^0+9^4$
14145 := $0^8+1^9+2^7+3^2+4^6+5^5+6^3+7^0+8^1+9^4$
14146 := $-0^0-1^9+2^8+3^7+4^6+5^5+6^2+7^3+8^4+9^1$
14147 := $0^7-1^9+2^6+3^8+4^1+5^5+6^3+7^0+8^4+9^2$
14148 := $-0^0+1^9+2^8+3^7+4^6+5^5+6^2+7^3+8^4+9^1$
14149 := $0^7+1^9+2^6+3^8+4^1+5^5+6^3+7^0+8^4+9^2$
14150 := $0^0+1^9+2^8+3^7+4^6+5^5+6^2+7^3+8^4+9^1$
14151 := $0^6+1^9+2^7+3^8+4^2+5^5+6^3+7^1+8^4+9^0$
14152 := $0^7+1^9+2^6+3^8+4^0+5^5+6^3+7^1+8^4+9^2$
14153 := $0^6+1^9+2^7+3^8+4^2+5^5+6^3+7^0+8^4+9^1$
14154 := $0^7-1^9-2^4+3^8+4^6+5^5+6^2+7^3+8^0+9^1$
14155 := $0^7+1^9-2^4+3^8+4^6+5^5+6^2+7^3+8^1+9^0$
14156 := $0^7+1^9-2^4+3^8+4^6+5^5+6^2+7^3+8^0+9^1$
14157 := $0^7-1^8+2^6-3^9+4^1+5^4+6^2+7^3+8^5+9^0$
14158 := $0^8+1^9+2^5-3^7+4^4+5^6+6^1+7^3+8^0+9^2$
14159 := $0^7-1^9-2^8+3^2+4^6+5^3+6^5+7^4+8^1+9^0$
14160 := $0^7-1^9-2^8+3^2+4^6+5^3+6^5+7^4+8^0+9^1$
14161 := $0^7+1^9-2^8+3^2+4^6+5^3+6^5+7^4+8^1+9^0$
14162 := $0^7+1^9-2^8+3^2+4^6+5^3+6^5+7^4+8^0+9^1$
14163 := $0^5-1^9+2^6-3^8+4^7+5^3+6^1+7^2+8^4+9^0$
14164 := $0^7+1^8+2^6-3^9+4^0+5^4+6^2+7^3+8^5+9^1$
14165 := $0^5+1^9+2^6-3^8+4^7+5^3+6^1+7^2+8^4+9^0</$

$14244 := 0^8 - 1^9 + 2^2 + 3^7 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^3$
 $14245 := 0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^3$
 $14246 := 0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^3$
 $14247 := 0^8 + 1^9 + 2^6 + 3^7 + 4^3 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
 $14248 := 0^2 + 1^8 + 2^7 - 3^9 + 4^3 + 5^6 + 6^4 + 7^5 + 8^0 + 9^1$
 $14249 := 0^1 + 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$
 $14250 := 0^7 - 1^9 - 2^6 + 3^8 + 4^5 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4$
 $14251 := 0^7 - 1^9 - 2^6 + 3^8 + 4^5 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$
 $14252 := 0^7 + 1^9 - 2^6 + 3^8 + 4^5 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4$
 $14253 := 0^7 + 1^9 - 2^6 + 3^8 + 4^5 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$
 $14254 := 0^4 - 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2$
 $14255 := 0^4 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2$
 $14256 := 0^4 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2$
 $14257 := 0^8 - 1^9 + 2^4 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^1 + 9^0$
 $14258 := 0^8 - 1^9 + 2^4 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^1$
 $14259 := 0^8 + 1^9 + 2^4 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^1 + 9^0$
 $14260 := 0^8 + 1^9 + 2^4 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^1$
 $14261 := 0^3 - 1^8 - 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2$
 $14262 := 0^3 + 1^8 - 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$
 $14263 := 0^3 + 1^8 - 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2$
 $14264 := 0^7 + 1^9 - 2^6 + 3^8 + 4^5 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4$
 $14265 := 0^6 + 1^7 - 2^9 + 3^8 + 4^4 + 5^3 + 6^5 + 7^2 + 8^1 + 9^0$
 $14266 := 0^6 + 1^7 - 2^9 + 3^8 + 4^4 + 5^3 + 6^5 + 7^2 + 8^0 + 9^1$
 $14267 := 0^6 - 1^9 - 2^7 + 3^8 + 4^5 + 5^2 + 6^3 + 7^0 + 8^1 + 9^4$
 $14268 := 0^8 - 1^9 + 2^7 + 3^2 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$
 $14269 := 0^6 + 1^9 - 2^7 + 3^8 + 4^5 + 5^2 + 6^3 + 7^0 + 8^1 + 9^4$
 $14270 := 0^8 + 1^9 + 2^7 + 3^2 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$
 $14271 := 0^7 - 1^9 + 2^8 + 3^2 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
 $14272 := 0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
 $14273 := 0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
 $14274 := 0^7 - 1^9 + 2^6 + 3^8 + 4^1 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
 $14275 := 0^8 + 1^9 + 2^4 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^2 + 9^1$
 $14276 := 0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
 $14277 := 0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$
 $14278 := 0^7 + 1^9 + 2^6 + 3^8 + 4^0 + 5^5 + 6^1 + 7^3 + 8^4 + 9^2$
 $14279 := 0^6 + 1^7 - 2^9 + 3^8 + 4^4 + 5^3 + 6^5 + 7^1 + 8^2 + 9^0$
 $14280 := 0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1$
 $14281 := 0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$
 $14282 := 0^8 + 1^9 - 2^1 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$
 $14283 := 0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$
 $14284 := 0^8 - 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$
 $14285 := 0^8 + 1^9 + 2^5 - 3^7 + 4^4 + 5^6 + 6^2 + 7^0 + 8^3 + 9^1$
 $14286 := 0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$
 $14287 := 0^7 - 1^8 - 2^9 + 3^2 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$
 $14288 := 0^8 - 1^9 + 2^0 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$
 $14289 := 0^8 - 1^0 + 2^9 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
 $14290 := 0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$
 $14291 := 0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
 $14292 := 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
 $14293 := 0^6 - 1^9 + 2^7 + 3^8 + 4^1 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$
 $14294 := 0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
 $14295 := 0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$
 $14296 := 0^6 + 1^7 - 2^9 + 3^8 + 4^4 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$
 $14297 := 0^4 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$
 $14298 := 0^4 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$
 $14299 := 0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$
 $14300 := 0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$
 $14301 := 0^8 - 1^9 + 2^6 + 3^7 + 4^1 + 5^3 + 6^5 + 7^2 + 8^4 + 9^0$
 $14302 := 0^7 + 1^9 + 2^8 - 3^1 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
 $14303 := 0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^3 + 6^5 + 7^2 + 8^4 + 9^0$
 $14304 := 0^1 + 1^5 + 2^8 - 3^9 + 4^7 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$
 $14305 := 0^6 + 1^9 - 2^7 + 3^8 + 4^5 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$
 $14306 := 0^7 - 1^9 + 2^8 + 3^1 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
 $14307 := 0^6 + 1^8 - 2^9 + 3^7 + 4^1 +$

14391 := $0^7 - 1^8 + 2^9 + 3^4 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$
14392 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4$
14393 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$
14394 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$
14395 := $0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$
14396 := $0^7 - 1^9 + 2^8 + 3^2 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$
14397 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$
14398 := $0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$
14399 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2$
14400 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2$
14401 := $0^6 - 1^7 + 2^9 + 3^8 + 4^3 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$
14402 := $-0^0 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1$
14403 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$
14404 := $-0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1$
14405 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^5 + 6^2 + 7^0 + 8^4 + 9^1$
14406 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1$
14407 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$
14408 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$
14409 := $0^5 - 1^7 - 2^9 + 3^8 + 4^6 + 5^3 + 6^2 + 7^1 + 8^4 + 9^0$
14410 := $0^5 + 1^8 + 2^0 - 3^9 + 4^7 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$
14411 := $0^6 - 1^9 + 2^8 + 3^7 + 4^3 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$
14412 := $0^5 - 1^9 + 2^6 - 3^8 + 4^7 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2$
14413 := $0^6 + 1^9 + 2^8 + 3^7 + 4^3 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$
14414 := $0^5 + 1^9 + 2^6 - 3^8 + 4^7 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2$
14415 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
14416 := $0^6 - 1^7 + 2^9 + 3^8 + 4^3 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
14417 := $0^6 + 1^8 + 2^1 - 3^9 + 4^7 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0$
14418 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
14419 := $0^8 - 1^9 - 2^4 + 3^7 + 4^6 + 5^2 + 6^5 + 7^3 + 8^1 + 9^0$
14420 := $0^7 - 1^9 + 2^8 + 3^1 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
14421 := $0^8 + 1^9 - 2^4 + 3^7 + 4^6 + 5^2 + 6^5 + 7^3 + 8^1 + 9^0$
14422 := $0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
14423 := $0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0$
14424 := $0^5 - 1^7 - 2^9 + 3^8 + 4^6 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1$
14425 := $0^7 - 1^9 + 2^8 + 3^0 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$
14426 := $0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1$
14427 := $0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$
14428 := $0^4 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^3$
14429 := $0^4 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$
14430 := $0^6 - 1^9 - 2^7 + 3^8 + 4^5 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$
14431 := $0^6 - 1^9 - 2^7 + 3^8 + 4^5 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4$
14432 := $0^6 + 1^9 - 2^7 + 3^8 + 4^5 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$
14433 := $0^6 - 1^9 + 2^8 + 3^7 + 4^3 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$
14434 := $0^1 + 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$
14435 := $0^6 + 1^9 + 2^8 + 3^7 + 4^3 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$
14436 := $0^6 - 1^9 - 2^7 + 3^8 + 4^1 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$
14437 := $0^6 - 1^9 + 2^8 + 3^7 + 4^3 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
14438 := $0^8 - 1^9 + 2^7 + 3^2 + 4^6 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$
14439 := $0^6 + 1^9 + 2^8 + 3^7 + 4^3 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
14440 := $0^8 + 1^9 + 2^7 + 3^2 + 4^6 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$
14441 := $0^1 + 1^5 + 2^8 - 3^9 + 4^7 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$
14442 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
14443 := $0^6 - 1^9 + 2^7 + 3^8 + 4^5 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$
14444 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4$
14445 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$
14446 := $-0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^2$
14447 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$
14448 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^2$
14449 := $0^1 + 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3$
14450 := $0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^5 + 6^0 + 7^3 +$

14538 := $0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$	14587 := $0^6 + 1^7 - 2^9 + 3^8 + 4^3 + 5^4 + 6^5 + 7^1 + 8^2 + 9^0$	14636 := $0^7 + 1^8 + 2^9 - 3^2 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$
14539 := $0^7 - 1^9 - 2^4 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$	14588 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^2 + 6^0 + 7^3 + 8^1 + 9^4$	14637 := $0^7 + 1^9 - 2^6 + 3^8 + 4^5 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$
14540 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$	14589 := $0^7 - 1^9 + 2^8 + 3^1 + 4^6 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$	14638 := $0^5 + 1^8 + 2^9 - 3^7 + 4^4 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$
14541 := $0^7 + 1^9 - 2^4 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$	14590 := $0^7 - 1^9 + 2^8 + 3^3 + 4^6 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1$	14639 := $0^3 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0$
14542 := $-0^0 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$	14591 := $0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$	14640 := $0^5 + 1^8 + 2^9 - 3^7 + 4^4 + 5^6 + 6^0 + 7^3 + 8^1 + 9^2$
14543 := $0^8 - 1^9 + 2^7 + 3^2 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$	14592 := $0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1$	14641 := $0^8 - 1^9 + 2^4 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^3 + 9^0$
14544 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$	14593 := $0^7 - 1^9 + 2^8 + 3^0 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$	14642 := $0^7 - 1^9 + 2^8 + 3^3 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2$
14545 := $0^8 + 1^9 + 2^7 + 3^2 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$	14594 := $0^7 - 1^9 + 2^6 + 3^8 + 4^5 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$	14643 := $0^8 + 1^9 + 2^4 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^3 + 9^0$
14546 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$	14595 := $0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$	14644 := $0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2$
14547 := $0^6 - 1^9 + 2^7 + 3^8 + 4^5 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4$	14596 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$	14645 := $0^7 - 1^9 + 2^8 + 3^3 + 4^6 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2$
14548 := $0^7 + 1^8 + 2^6 - 3^9 + 4^0 + 5^4 + 6^2 + 7^1 + 8^5 + 9^3$	14597 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2$	14646 := $0^5 + 1^6 + 2^9 - 3^8 + 4^7 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2$
14549 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4$	14598 := $0^4 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^0 + 9^2$	14647 := $0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2$
14550 := $0^7 - 1^9 - 2^4 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3$	14599 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^3$	14648 := $0^6 - 1^9 + 2^7 + 3^8 + 4^5 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4$
14551 := $0^8 - 1^9 + 2^6 + 3^7 + 4^1 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$	14600 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^0 + 9^2$	14649 := $0^6 + 1^7 - 2^9 + 3^8 + 4^4 + 5^1 + 6^5 + 7^2 + 8^3 + 9^0$
14552 := $0^8 - 1^9 + 2^6 + 3^7 + 4^0 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$	14601 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$	14650 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4$
14553 := $0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$	14602 := $0^7 - 1^9 + 2^8 + 3^1 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$	14651 := $0^7 + 1^9 - 2^6 + 3^8 + 4^5 + 5^0 + 6^1 + 7^2 + 8^3 + 9^4$
14554 := $0^8 + 1^9 + 2^6 + 3^7 + 4^0 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$	14603 := $0^4 + 1^9 - 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3$	14652 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^2 + 6^0 + 7^3 + 8^1 + 9^4$
14555 := $0^6 + 1^9 - 2^8 + 3^7 + 4^2 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3$	14604 := $0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$	14653 := $0^6 + 1^7 - 2^9 + 3^8 + 4^4 + 5^0 + 6^5 + 7^2 + 8^3 + 9^1$
14556 := $0^7 - 1^8 + 2^6 - 3^9 + 4^1 + 5^4 + 6^0 + 7^2 + 8^5 + 9^3$	14605 := $0^7 - 1^9 + 2^8 + 3^0 + 4^6 + 5^5 + 6^1 + 7^2 + 8^3 + 9^4$	14654 := $0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$
14557 := $0^6 + 1^9 - 2^8 + 3^7 + 4^2 + 5^0 + 6^5 + 7^1 + 8^4 + 9^3$	14606 := $0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$	14655 := $0^3 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$
14558 := $0^7 + 1^8 + 2^6 - 3^9 + 4^1 + 5^4 + 6^0 + 7^2 + 8^5 + 9^3$	14607 := $0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^5 + 6^1 + 7^2 + 8^3 + 9^4$	14656 := $0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4$
14559 := $0^6 - 1^9 + 2^7 + 3^8 + 4^5 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$	14608 := $0^7 - 1^9 + 2^4 - 3^8 + 4^6 + 5^2 + 6^3 + 7^5 + 8^0 + 9^1$	14657 := $0^3 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$
14560 := $0^7 + 1^8 + 2^6 - 3^9 + 4^0 + 5^4 + 6^1 + 7^2 + 8^5 + 9^3$	14609 := $0^8 - 1^9 - 2^4 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^3 + 9^0$	14658 := $0^6 - 1^9 + 2^7 + 3^8 + 4^5 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$
14561 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$	14610 := $0^8 - 1^9 + 2^7 + 3^1 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$	14659 := $0^6 - 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$
14562 := $0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$	14611 := $0^8 + 1^9 - 2^4 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^3 + 9^0$	14660 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$
14563 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^0 + 6^3 + 7^1 + 8^2 + 9^4$	14612 := $0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$	14661 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$
14564 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$	14613 := $0^7 - 1^9 - 2^8 + 3^1 + 4^6 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$	14662 := $0^6 - 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1$
14565 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$	14614 := $0^2 - 1^5 + 2^8 - 3^9 + 4^7 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3$	14663 := $0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^5 + 6^1 + 7^0 + 8^4 + 9^3$
14566 := $0^7 - 1^9 + 2^8 + 3^2 + 4^6 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$	14615 := $0^7 - 1^9 + 2^6 + 3^8 + 4^1 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3$	14664 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1$
14567 := $0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$	14616 := $0^2 + 1^5 + 2^8 - 3^9 + 4^7 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3$	14665 := $0^6 + 1^9 - 2^7 + 3^8 + 4^4 + 5^3 + 6^5 + 7^0 + 8^2 + 9^1$
14568 := $0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$	14617 := $0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3$	14666 := $0^0 + 1^5 + 2^8 - 3^9 + 4^7 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$
14569 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$	14618 := $0^7 - 1^9 + 2^6 + 3^8 + 4^0 + 5^5 + 6^2 + 7^1 + 8^4 + 9^3$	14667 := $0^6 - 1^8 + 2^9 + 3^7 + 4^3 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$
14570 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$	14619 := $0^8 - 1^9 + 2^4 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^0$	14668 := $0^4 - 1^9 + 2^7 - 3^8 + 4^6 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1$
14571 := $0^7 - 1^9 + 2^4 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$	14620 := $0^7 + 1^9 + 2^6 + 3^8 + 4^0 + 5^5 + 6^2 + 7^1 + 8^4 + 9^3$	14669 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$
14572 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^3$	14621 := $0^8 + 1^9 + 2^4 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^0$	14670 := $0^5 - 1^7 - 2^9 + 3^8 + 4^6 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2$
14573 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$	14622 := $0^7 - 1^9 + 2^6 + 3^8 + 4^5 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$	14671 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^2 + 6^5 + 7^0 + 8^4 + 9^1$
14574 := $0^6 + 1^7 - 2^9 + 3^8 + 4^3 + 5^4 + 6^5 + 7^2 + 8^0 + 9^1$	14623 := $0^8 + 1^9 + 2^4 + 3^7 + 4^6 + 5^2 + 6^5 + 7^0 + 8^3 + 9^1$	14672 := $0^7 - 1^9 + 2^8 + 3^2 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$
14575 := $0^6 + 1^9 - 2^7 + 3^8 + 4^5 + 5^0 + 6^2 + 7^1 + 8^3 + 9^4$	14624 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$	14673 := $0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$
14576 := $0^7 - 1^9 + 2^6 - 3^8 + 4^0 + 5^3 + 6^2 + 7^5 + 8^4 + 9^1$	14625 := $0^7 + 1^9 + 2^6 + 3^8 + 4^5 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4$	14674 := $0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$
14577 := $0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$	14626 := $0^3 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1$	14675 := $0^8 + 1^9 + 2^4 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^3 + 9^2$
14578 := $0^7 + 1^9 + 2^6 - 3^8 + 4^0 + 5^3 + 6^2 + 7^5 + 8^4 + 9^1$	14627 := $0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$	14676 := $0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
14579 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$	14628 := $0^7 - 1^9 + 2^6 + 3^8 + 4^1 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$	14677 := $0^8 + 1^9 + 2^4 + 3^7 + 4^6 + 5^0 + 6^5 + 7^1 + 8^3 + 9^2$
14580 := $0^6 + 1^8 - 2^9 - 3^7 + 4^4 + 5^3 + 6^0 + 7^5 + 8^1 + 9^2$	14629 := $0^7 - 1^9 + 2^8 + 3^3 + 4^6 + 5^0 + 6^5 + 7^4 + 8^2 + 9^1$	14678 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
14581 := $0^4 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$	14630 := $0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$	14679 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$
14582 := $0^7 - 1^9 + 2^4 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3$	14631 := $0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^0 + 6^5 + 7^4 + 8^2 + 9^1$	14680 := $0^6 + 1^9 - 2^7 + 3^8 + 4^4 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$
14583 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$	14632 := $0^7 + 1^9 + 2^6 + 3^8 + 4^0 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$	14681 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3$
14584 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3$	14633 := $0^6 + 1^8 + 2^7 - 3^9 + 4^3 + 5^0 + 6^4 + 7^2 + 8^5 + 9^1$	14682 := $0^4 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$
14585 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^2 + 9^1$	14634 := $0^7 - 1^8 + 2^9 - 3^2 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$	14683 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$
14586 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^1 + 9^3$	14635 := $0^7 - 1^9 - 2^6 + 3^8 + 4^5 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$	14684 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$

$14685 := 0^4 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$
 $14686 := 0^6 - 1^9 + 2^7 + 3^8 + 4^5 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$
 $14687 := 0^6 - 1^9 + 2^7 + 3^8 + 4^5 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4$
 $14688 := 0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$
 $14689 := 0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4$
 $14690 := 0^6 - 1^8 + 2^0 - 3^9 + 4^7 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1$
 $14691 := 0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$
 $14692 := 0^4 - 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^3 + 8^0 + 9^1$
 $14693 := 0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^3 + 8^1 + 9^0$
 $14694 := 0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^3 + 8^0 + 9^1$
 $14695 := 0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
 $14696 := 0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3$
 $14697 := 0^2 + 1^5 - 2^8 - 3^9 + 4^7 + 5^6 + 6^3 + 7^4 + 8^1 + 9^0$
 $14698 := 0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^1 + 9^3$
 $14699 := 0^9 - 1^0 + 2^7 - 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$
 $14700 := 0^7 + 1^8 + 2^9 - 3^1 + 4^6 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
 $14701 := 0^9 + 1^0 + 2^7 - 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$
 $14702 := 0^7 - 1^8 - 2^9 + 3^6 + 4^2 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4$
 $14703 := 0^7 - 1^8 - 2^9 + 3^6 + 4^2 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$
 $14704 := 0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
 $14705 := 0^7 + 1^8 - 2^9 + 3^6 + 4^2 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$
 $14706 := 0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
 $14707 := 0^4 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^0$
 $14708 := 0^7 - 1^9 + 2^6 - 3^8 + 4^0 + 5^1 + 6^3 + 7^5 + 8^4 + 9^2$
 $14709 := 0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^0$
 $14710 := 0^4 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1$
 $14711 := 0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^3$
 $14712 := 0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1$
 $14713 := 0^7 + 1^9 - 2^6 + 3^8 + 4^4 + 5^3 + 6^5 + 7^2 + 8^1 + 9^0$
 $14714 := 0^7 + 1^9 - 2^6 + 3^8 + 4^4 + 5^3 + 6^5 + 7^2 + 8^0 + 9^1$
 $14715 := 0^1 - 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
 $14716 := 0^0 + 1^8 - 2^7 - 3^9 + 4^1 + 5^6 + 6^4 + 7^5 + 8^2 + 9^3$
 $14717 := 0^1 + 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
 $14718 := 0^2 - 1^8 + 2^6 - 3^9 + 4^7 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$
 $14719 := 0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$
 $14720 := 0^2 + 1^8 + 2^6 - 3^9 + 4^7 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$
 $14721 := 0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$
 $14722 := 0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
 $14723 := 0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^3 + 6^5 + 7^0 + 8^4 + 9^1$
 $14724 := 0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
 $14725 := 0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^0 + 6^5 + 7^1 + 8^4 + 9^2$
 $14726 := 0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^2$
 $14727 := 0^4 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^2 + 9^0$
 $14728 := 0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^1 + 9^2$
 $14729 := 0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^2 + 9^0$
 $14730 := 0^6 + 1^8 + 2^1 - 3^9 + 4^7 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2$
 $14731 := 0^4 - 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^2 + 9^1$
 $14732 := 0^7 - 1^8 - 2^9 + 3^6 + 4^1 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$
 $14733 := 0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^2 + 9^1$
 $14734 := 0^7 + 1^8 - 2^9 + 3^6 + 4^1 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$
 $14735 := 0^1 + 1^8 - 2^9 + 3^7 + 4^0 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$
 $14736 := 0^8 + 1^9 - 2^3 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^1$
 $14737 := 0^5 + 1^6 + 2^9 - 3^8 + 4^7 + 5^0 + 6^3 + 7^1 + 8^4 + 9^2$
 $14738 := 0^7 - 1^9 + 2^8 + 3^1 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$
 $14739 := 0^3 - 1^7 + 2^9 - 3^8 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^0$
 $14740 := 0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$
 $14741 := 0^8 - 1^0 - 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1$
 $14742 := -0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1$
 $14743 := 0^6 - 1^9 + 2^8 + 3^7 + 4^1 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$
 $14744 := 0^4 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^0 + 9^2$
 $14745 := 0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$
 $14746 := 0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^0 + 9^2$
 $14747 := 0^4 - 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^2$
 $14748 := 0^6 - 1^7 + 2^8 - 3^9 + 4^1 +$

14832 := $0^3 - 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^0 + 7^4 + 8^2 + 9^1$
14833 := $0^7 + 1^8 + 2^9 - 3^3 + 4^6 + 5^0 + 6^5 + 7^4 + 8^2 + 9^1$
14834 := $0^3 + 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^0 + 7^4 + 8^2 + 9^1$
14835 := $0^1 - 1^9 - 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$
14836 := $0^8 - 1^9 + 2^4 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^3$
14837 := $0^8 - 1^9 + 2^4 + 3^7 + 4^6 + 5^2 + 6^5 + 7^0 + 8^1 + 9^3$
14838 := $0^8 + 1^9 + 2^4 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^3$
14839 := $0^8 + 1^9 + 2^4 + 3^7 + 4^6 + 5^2 + 6^5 + 7^0 + 8^1 + 9^3$
14840 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4$
14841 := $0^7 + 1^9 + 2^6 + 3^8 + 4^4 + 5^3 + 6^5 + 7^2 + 8^1 + 9^0$
14842 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^3 + 6^0 + 7^2 + 8^1 + 9^4$
14843 := $0^6 + 1^9 + 2^7 + 3^8 + 4^5 + 5^0 + 6^1 + 7^2 + 8^3 + 9^4$
14844 := $0^6 + 1^7 - 2^9 + 3^8 + 4^4 + 5^2 + 6^5 + 7^1 + 8^0 + 9^3$
14845 := $0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$
14846 := $0^7 - 1^8 + 2^9 + 3^3 + 4^6 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1$
14847 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$
14848 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1$
14849 := $0^4 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$
14850 := $0^3 + 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^0 + 7^4 + 8^1 + 9^2$
14851 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$
14852 := $0^1 - 1^9 - 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$
14853 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^3 + 9^1$
14854 := $0^6 - 1^7 + 2^9 + 3^8 + 4^5 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$
14855 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$
14856 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$
14857 := $0^7 + 1^9 + 2^6 + 3^8 + 4^4 + 5^3 + 6^5 + 7^0 + 8^2 + 9^1$
14858 := $0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$
14859 := $0^4 - 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^0$
14860 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$
14861 := $0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^0$
14862 := $0^0 + 1^9 - 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$
14863 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0$
14864 := $0^4 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$
14865 := $0^8 - 1^9 + 2^4 - 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0$
14866 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$
14867 := $0^6 - 1^7 - 2^9 + 3^8 + 4^4 + 5^0 + 6^5 + 7^2 + 8^1 + 9^3$
14868 := $0^6 + 1^7 - 2^9 + 3^8 + 4^0 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$
14869 := $0^6 + 1^7 - 2^9 + 3^8 + 4^4 + 5^0 + 6^5 + 7^2 + 8^1 + 9^3$
14870 := $0^7 - 1^9 + 2^6 + 3^8 + 4^4 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$
14871 := $0^7 - 1^9 + 2^6 + 3^8 + 4^4 + 5^3 + 6^5 + 7^0 + 8^1 + 9^2$
14872 := $0^7 + 1^9 + 2^6 + 3^8 + 4^4 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$
14873 := $0^7 + 1^9 + 2^6 + 3^8 + 4^4 + 5^3 + 6^5 + 7^0 + 8^1 + 9^2$
14874 := $0^6 + 1^8 + 2^2 - 3^9 + 4^7 + 5^4 + 6^1 + 7^5 + 8^0 + 9^3$
14875 := $0^8 + 1^9 + 2^4 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3$
14876 := $0^6 + 1^8 + 2^2 - 3^9 + 4^7 + 5^4 + 6^0 + 7^5 + 8^1 + 9^3$
14877 := $0^8 + 1^9 + 2^4 + 3^7 + 4^6 + 5^0 + 6^5 + 7^1 + 8^2 + 9^3$
14878 := $0^6 - 1^7 - 2^9 + 3^8 + 4^1 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$
14879 := $0^6 + 1^9 - 2^7 + 3^8 + 4^4 + 5^1 + 6^5 + 7^3 + 8^2 + 9^0$
14880 := $0^6 + 1^7 - 2^9 + 3^8 + 4^1 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$

14881 := $0^4 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^3 + 9^0$
14882 := $0^6 - 1^7 - 2^9 + 3^8 + 4^0 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$
14883 := $0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^3 + 9^0$
14884 := $0^8 - 1^9 + 2^6 + 3^7 + 4^0 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3$
14885 := $0^4 - 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^2 + 8^3 + 9^1$
14886 := $0^8 + 1^9 + 2^6 + 3^7 + 4^0 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3$
14887 := $0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^2 + 8^3 + 9^1$
14888 := $0^8 - 1^9 - 2^7 + 3^2 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$
14889 := $0^7 - 1^9 - 2^5 + 3^8 + 4^6 + 5^3 + 6^2 + 7^1 + 8^4 + 9^0$
14890 := $0^8 + 1^9 - 2^7 + 3^2 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$
14891 := $0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^3 + 6^2 + 7^1 + 8^4 + 9^0$
14892 := $0^0 + 1^4 + 2^9 + 3^8 - 4^7 + 5^6 + 6^5 + 7^1 + 8^2 + 9^3$
14893 := $0^4 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2$
14894 := $0^4 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2$
14895 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2$
14896 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2$
14897 := $0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0$
14898 := $0^7 - 1^8 + 2^9 + 3^3 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2$
14899 := $0^6 + 1^9 - 2^7 + 3^8 + 4^4 + 5^0 + 6^5 + 7^3 + 8^1 + 9^2$
14900 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2$
14901 := $0^7 - 1^8 + 2^9 + 3^3 + 4^6 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2$
14902 := $0^8 - 1^9 - 2^7 + 3^1 + 4^6 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$
14903 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2$
14904 := $0^6 - 1^9 + 2^7 + 3^8 + 4^4 + 5^3 + 6^5 + 7^2 + 8^0 + 9^1$
14905 := $0^6 + 1^9 + 2^7 + 3^8 + 4^4 + 5^3 + 6^5 + 7^2 + 8^1 + 9^0$
14906 := $0^6 + 1^9 + 2^7 + 3^8 + 4^4 + 5^3 + 6^5 + 7^2 + 8^0 + 9^1$
14907 := $0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$
14908 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4$
14909 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^2 + 6^3 + 7^0 + 8^1 + 9^4$
14910 := $0^2 + 1^8 - 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3$
14911 := $0^2 + 1^8 - 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$
14912 := $0^2 + 1^6 + 2^8 - 3^9 + 4^7 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$
14913 := $0^4 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^3 + 9^2$
14914 := $0^3 + 1^9 - 2^7 - 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^2 + 9^1$
14915 := $0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^3 + 9^2$
14916 := $0^2 - 1^9 - 2^6 - 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3$
14917 := $0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^1 + 8^3 + 9^2$
14918 := $0^2 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1$
14919 := $0^6 + 1^9 + 2^7 + 3^8 + 4^4 + 5^3 + 6^5 + 7^1 + 8^2 + 9^0$
14920 := $0^2 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1$
14921 := $0^6 + 1^9 + 2^7 + 3^8 + 4^4 + 5^3 + 6^5 + 7^0 + 8^2 + 9^1$
14922 := $0^2 + 1^8 - 2^5 - 3^9 + 4^7 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1$
14923 := $0^7 + 1^8 - 2^9 + 3^6 + 4^2 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4$
14924 := $0^7 - 1^9 + 2^2 - 3^8 + 4^5 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3$
14925 := $0^7 + 1^9 + 2^2 - 3^8 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3$
14926 := $0^7 - 1^8 - 2^9 + 3^6 + 4^1 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$
14927 := $0^7 - 1^8 + 2^9 + 3^2 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$
14928 := $0^6 - 1^7 + 2^9 + 3^8 + 4^5 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4$
14929 := $0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$

14930 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4$
14931 := $0^6 - 1^7 + 2^9 + 3^8 + 4^5 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4$
14932 := $0^7 + 1^8 - 2^9 + 3^6 + 4^0 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4$
14933 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4$
14934 := $0^6 - 1^9 + 2^7 + 3^8 + 4^4 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$
14935 := $0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$
14936 := $0^6 + 1^9 + 2^7 + 3^8 + 4^4 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$
14937 := $0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$
14938 := $0^6 - 1^8 + 2^7 - 3^9 + 4^0 + 5^1 + 6^4 + 7^3 + 8^5 + 9^2$
14939 := $0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$
14940 := $0^6 + 1^8 + 2^7 - 3^9 + 4^0 + 5^1 + 6^4 + 7^3 + 8^5 + 9^2$
14941 := $0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$
14942 := $0^6 - 1^8 + 2^2 - 3^9 + 4^7 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$
14943 := $0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0$
14944 := $0^6 + 1^8 + 2^2 - 3^9 + 4^7 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$
14945 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$
14946 := $-0^0 + 1^6 + 2^8 - 3^9 + 4^7 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1$
14947 := $0^6 + 1^7 + 2^9 + 3^8 + 4^5 + 5^0 + 6^3 + 7^1 + 8^2 + 9^4$
14948 := $0^4 - 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^3 + 8^0 + 9^1$
14949 := $0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^3 + 8^1 + 9^0$
14950 := $0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^3 + 8^0 + 9^1$
14951 := $0^2 + 1^9 - 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^0 + 8^3 + 9^1$
14952 := $0^1 + 1^8 - 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
14953 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^3 + 6^2 + 7^1 + 8^4 + 9^0$
14954 := $0^6 + 1^7 + 2^9 - 3^8 + 4^3 + 5^2 + 6^0 + 7^5 + 8^4 + 9^1$
14955 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^3 + 6^2 + 7^1 + 8^4 + 9^0$
14956 := $0^6 - 1^9 - 2^7 + 3^8 + 4^3 + 5^4 + 6^5 + 7^2 + 8^0 + 9^1$
14957 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1$
14958 := $0^6 + 1^9 - 2^7 + 3^8 + 4^3 + 5^4 + 6^5 + 7^2 + 8^0 + 9^1$
14959 := $0^8 + 1^0 - 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
14960 := $0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
14961 := $0^7 + 1^9 - 2^8 + 3^6 + 4^2 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$
14962 := $0^1 - 1^8 + 2^6 - 3^9 + 4^7 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$
14963 := $0^7 + 1^9 - 2^6 + 3^8 + 4^4 + 5^0 + 6^5 + 7^3 + 8^1 + 9^2$
14964 := $0^1 + 1^8 + 2^6 - 3^9 + 4^7 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$
14965 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0$
14966 := $0^7 - 1^8 - 2^9 + 3^6 + 4^0 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$
14967 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0$
14968 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1$
14969 := $0^6 - 1^9 - 2^7 + 3^8 + 4^3 + 5^4 + 6^5 + 7^1 + 8^2 + 9^0$
14970 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1$
14971 := $0^6 + 1^9 - 2^7 + 3^8 + 4^3 + 5^4 + 6^5 + 7^1 + 8^2 + 9^0$
14972 := $-0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$
14973 := $0^6 + 1^9 - 2^7 + 3^8 + 4^3 + 5^4 + 6^5 + 7^0 + 8^2 + 9^1$
14974 := $0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$
14975 := $0^1 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
14976 := $0^4 + 1^9 - 2^7 - 3^8 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^3$
14977 := $0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
14978 := $0^5 - 1^8 + 2^9 - 3^7 + 4^4 + 5^6 + 6^2 + 7^1 + 8^0 + 9^3$

14979 := 0 ⁷ +1 ⁸ +2 ⁹ +3 ¹ +4 ⁶ +5 ³ +6 ⁵ +7 ⁴ +8 ² +9 ⁰	15028 := 0 ³ -1 ⁹ +2 ⁸ +3 ⁷ +4 ⁶ +5 ⁴ +6 ⁵ +7 ¹ +8 ⁰ +9 ²	15077 := 0 ⁷ +1 ⁹ +2 ⁸ +3 ⁰ +4 ⁶ +5 ² +6 ⁵ +7 ⁴ +8 ³ +9 ¹
14980 := -0 ⁰ -1 ⁷ -2 ⁹ +3 ⁸ +4 ⁶ +5 ⁵ +6 ⁴ +7 ³ +8 ² +9 ¹	15029 := 0 ³ -1 ⁹ +2 ⁸ +3 ⁷ +4 ⁶ +5 ⁴ +6 ⁵ +7 ⁰ +8 ¹ +9 ²	15078 := 0 ⁴ +1 ⁹ +2 ⁸ +3 ⁷ +4 ⁶ +5 ² +6 ⁵ +7 ¹ +8 ⁰ +9 ³
14981 := 0 ⁷ -1 ⁰ -2 ⁹ +3 ⁸ +4 ⁶ +5 ⁵ +6 ⁴ +7 ³ +8 ² +9 ¹	15030 := 0 ³ +1 ⁹ +2 ⁸ +3 ⁷ +4 ⁶ +5 ⁴ +6 ⁵ +7 ¹ +8 ⁰ +9 ²	15079 := 0 ⁴ +1 ⁹ +2 ⁸ +3 ⁷ +4 ⁶ +5 ² +6 ⁵ +7 ⁰ +8 ¹ +9 ³
14982 := -0 ⁰ +1 ⁷ -2 ⁹ +3 ⁸ +4 ⁶ +5 ⁵ +6 ⁴ +7 ³ +8 ² +9 ¹	15031 := 0 ³ +1 ⁹ +2 ⁸ +3 ⁷ +4 ⁶ +5 ⁴ +6 ⁵ +7 ⁰ +8 ¹ +9 ²	15080 := 0 ⁴ +1 ⁷ +2 ⁹ +3 ⁸ +4 ⁶ +5 ⁵ +6 ¹ +7 ² +8 ⁰ +9 ³
14983 := 0 ⁴ -1 ⁸ +2 ⁹ +3 ⁷ +4 ⁶ +5 ¹ +6 ⁵ +7 ³ +8 ² +9 ⁰	15032 := 0 ⁶ -1 ⁷ +2 ⁹ +3 ⁸ +4 ⁵ +5 ² +6 ¹ +7 ³ +8 ⁰ +9 ⁴	15081 := 0 ⁸ -1 ⁰ +2 ⁶ -3 ⁹ +4 ⁷ +5 ³ +6 ⁴ +7 ⁵ +8 ¹ +9 ²
14984 := 0 ⁰ +1 ⁷ -2 ⁹ +3 ⁸ +4 ⁶ +5 ⁵ +6 ⁴ +7 ³ +8 ² +9 ¹	15033 := 0 ⁷ -1 ⁹ +2 ⁵ +3 ⁸ +4 ⁶ +5 ² +6 ³ +7 ¹ +8 ⁴ +9 ⁰	15082 := 0 ⁴ +1 ⁷ +2 ⁹ +3 ⁸ +4 ⁶ +5 ⁵ +6 ⁰ +7 ² +8 ¹ +9 ³
14985 := 0 ⁴ +1 ⁸ +2 ⁹ +3 ⁷ +4 ⁶ +5 ¹ +6 ⁵ +7 ³ +8 ² +9 ⁰	15034 := 0 ⁶ +1 ⁷ +2 ⁹ +3 ⁸ +4 ⁵ +5 ² +6 ¹ +7 ³ +8 ⁰ +9 ⁴	15083 := 0 ⁸ +1 ⁰ +2 ⁶ -3 ⁹ +4 ⁷ +5 ³ +6 ⁴ +7 ⁵ +8 ¹ +9 ²
14986 := 0 ⁶ -1 ⁹ -2 ⁷ +3 ⁸ +4 ³ +5 ⁴ +6 ⁵ +7 ¹ +8 ⁰ +9 ²	15035 := 0 ⁷ +1 ⁹ +2 ⁵ +3 ⁸ +4 ⁶ +5 ² +6 ³ +7 ¹ +8 ⁴ +9 ⁰	15084 := 0 ⁰ +1 ⁸ +2 ⁶ -3 ⁹ +4 ⁷ +5 ³ +6 ⁴ +7 ⁵ +8 ¹ +9 ²
14987 := 0 ⁴ -1 ⁸ +2 ⁹ +3 ⁷ +4 ⁶ +5 ⁰ +6 ⁵ +7 ³ +8 ² +9 ¹	15036 := 0 ⁶ +1 ⁷ +2 ⁹ +3 ⁸ +4 ⁵ +5 ² +6 ⁰ +7 ³ +8 ¹ +9 ⁴	15085 := 0 ² -1 ⁷ -2 ⁹ +3 ⁸ +4 ⁶ +5 ⁵ +6 ⁴ +7 ¹ +8 ³ +9 ⁰
14988 := 0 ⁶ +1 ⁹ -2 ⁷ +3 ⁸ +4 ³ +5 ⁴ +6 ⁵ +7 ¹ +8 ⁰ +9 ²	15037 := 0 ⁷ +1 ⁹ +2 ⁵ +3 ⁸ +4 ⁶ +5 ² +6 ³ +7 ⁰ +8 ⁴ +9 ¹	15086 := 0 ⁷ -1 ⁹ +2 ⁶ +3 ⁸ +4 ⁴ +5 ¹ +6 ⁵ +7 ³ +8 ⁰ +9 ²
14989 := 0 ⁴ +1 ⁸ +2 ⁹ +3 ⁷ +4 ⁶ +5 ⁰ +6 ⁵ +7 ³ +8 ² +9 ¹	15038 := 0 ³ -1 ⁹ -2 ⁷ +3 ⁸ +4 ⁶ +5 ⁵ +6 ⁴ +7 ¹ +8 ⁰ +9 ²	15087 := 0 ⁷ -1 ⁹ +2 ⁵ +3 ⁸ +4 ⁶ +5 ¹ +6 ³ +7 ⁰ +8 ⁴ +9 ²
14990 := 0 ⁷ +1 ⁹ -2 ⁸ +3 ⁶ +4 ¹ +5 ³ +6 ⁵ +7 ² +8 ⁰ +9 ⁴	15039 := 0 ⁸ -1 ⁹ +2 ² +3 ⁷ +4 ⁶ +5 ⁴ +6 ⁵ +7 ³ +8 ¹ +9 ⁰	15088 := 0 ⁷ +1 ⁹ +2 ⁶ +3 ⁸ +4 ⁴ +5 ¹ +6 ⁵ +7 ³ +8 ⁰ +9 ²
14991 := 0 ¹ +1 ⁹ -2 ⁸ +3 ⁷ +4 ⁶ +5 ⁴ +6 ⁵ +7 ² +8 ³ +9 ⁰	15040 := 0 ⁸ -1 ⁹ +2 ² +3 ⁷ +4 ⁶ +5 ⁴ +6 ⁵ +7 ³ +8 ⁰ +9 ¹	15089 := 0 ⁷ +1 ⁹ +2 ⁵ +3 ⁸ +4 ⁶ +5 ¹ +6 ³ +7 ⁰ +8 ⁴ +9 ²
14992 := 0 ¹ +1 ⁷ -2 ⁹ +3 ⁸ +4 ⁶ +5 ⁵ +6 ⁴ +7 ³ +8 ⁰ +9 ²	15041 := 0 ⁸ +1 ⁹ +2 ² +3 ⁷ +4 ⁶ +5 ⁴ +6 ⁵ +7 ³ +8 ¹ +9 ⁰	15090 := 0 ¹ -1 ⁹ +2 ⁷ -3 ⁸ +4 ⁵ +5 ⁶ +6

15126 := $0^2 + 1^6 + 2^8 - 3^9 + 4^7 + 5^4 + 6^1 + 7^5 + 8^0 + 9^3$
15127 := $0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$
15128 := $0^7 - 1^9 - 2^3 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1$
15129 := $0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2$
15130 := $0^7 + 1^9 - 2^3 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1$
15131 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^3 + 7^1 + 8^4 + 9^0$
15132 := $0^8 + 1^9 - 2^5 - 3^7 + 4^1 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$
15133 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^3 + 7^0 + 8^4 + 9^1$
15134 := $0^8 - 1^9 - 2^7 + 3^6 + 4^0 + 5^3 + 6^5 + 7^1 + 8^2 + 9^4$
15135 := $0^6 + 1^9 + 2^7 + 3^8 + 4^4 + 5^1 + 6^5 + 7^3 + 8^2 + 9^0$
15136 := $0^8 + 1^9 - 2^7 + 3^6 + 4^0 + 5^3 + 6^5 + 7^1 + 8^2 + 9^4$
15137 := $0^4 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^3 + 9^0$
15138 := $0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
15139 := $0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^3 + 9^0$
15140 := $0^8 + 1^9 + 2^6 - 3^7 + 4^4 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1$
15141 := $0^4 - 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^2 + 8^3 + 9^1$
15142 := $0^3 + 1^9 + 2^7 - 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1$
15143 := $0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^2 + 8^3 + 9^1$
15144 := $0^7 - 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1$
15145 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^0$
15146 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1$
15147 := $0^7 - 1^9 + 2^6 + 3^8 + 4^3 + 5^4 + 6^5 + 7^2 + 8^1 + 9^0$
15148 := $0^7 - 1^9 + 2^6 + 3^8 + 4^3 + 5^4 + 6^5 + 7^2 + 8^0 + 9^1$
15149 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^4 + 6^5 + 7^2 + 8^1 + 9^0$
15150 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^4 + 6^5 + 7^2 + 8^0 + 9^1$
15151 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0$
15152 := $0^6 + 1^9 + 2^7 + 3^8 + 4^4 + 5^1 + 6^5 + 7^3 + 8^0 + 9^2$
15153 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0$
15154 := $0^8 + 1^9 + 2^6 - 3^7 + 4^4 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$
15155 := $0^6 + 1^9 + 2^7 + 3^8 + 4^4 + 5^0 + 6^5 + 7^3 + 8^1 + 9^2$
15156 := $0^1 + 1^6 + 2^8 - 3^9 + 4^7 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$
15157 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1$
15158 := $0^8 - 1^9 + 2^7 + 3^1 + 4^6 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$
15159 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0$
15160 := $0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$
15161 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^4 + 7^0 + 8^2 + 9^1$
15162 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1$
15163 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^4 + 6^5 + 7^1 + 8^2 + 9^0$
15164 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1$
15165 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^4 + 6^5 + 7^0 + 8^2 + 9^1$
15166 := $0^2 + 1^9 - 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3$
15167 := $0^2 + 1^9 - 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$
15168 := $0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$
15169 := $0^4 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^3 + 9^2$
15170 := $0^3 + 1^9 + 2^7 - 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^2 + 9^1$
15171 := $0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^3 + 9^2$
15172 := $-0^0 + 1^6 + 2^9 - 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
15173 := $0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^1 + 8^3 + 9^2$
15174 := $0^7 - 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2$
15175 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^0 + 6^2 + 7^3 + 8^4 + 9^1$
15176 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2$
15177 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$
15178 := $0^7 - 1^9 + 2^6 + 3^8 + 4^3 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$
15179 := $0^7 - 1^9 + 2^6 + 3^8 + 4^3 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2$
15180 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$
15181 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2$
15182 := $0^7 - 1^9 - 2^8 + 3^6 + 4^1 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$
15183 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2$
15184 := $0^7 + 1^9 - 2^8 + 3^6 + 4^1 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$
15185 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^3 + 7^0 +$

$15273 := 0^5 + 1^0 + 2^8 - 3^9 + 4^7 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1$
 $15274 := 0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$
 $15275 := 0^7 - 1^9 + 2^8 + 3^2 + 4^6 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3$
 $15276 := 0^0 + 1^6 + 2^8 - 3^9 + 4^7 + 5^3 + 6^4 + 7^5 + 8^1 + 9^2$
 $15277 := 0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3$
 $15278 := 0^4 - 1^8 + 2^9 - 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$
 $15279 := 0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0$
 $15280 := 0^4 + 1^8 + 2^9 - 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$
 $15281 := 0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^0 + 8^2 + 9^1$
 $15282 := 0^8 - 1^9 - 2^0 + 3^7 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$
 $15283 := 0^7 + 1^8 + 2^9 + 3^0 - 4^6 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3$
 $15284 := 0^3 - 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$
 $15285 := 0^3 - 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2$
 $15286 := 0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$
 $15287 := 0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2$
 $15288 := 0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$
 $15289 := 0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^3 + 6^5 + 7^2 + 8^1 + 9^0$
 $15290 := 0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^3 + 6^5 + 7^2 + 8^0 + 9^1$
 $15291 := 0^2 - 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$
 $15292 := 0^8 + 1^9 + 2^7 + 3^6 + 4^3 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4$
 $15293 := 0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$
 $15294 := 0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1$
 $15295 := 0^3 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$
 $15296 := 0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2$
 $15297 := 0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$
 $15298 := 0^3 + 1^5 - 2^9 + 3^6 - 4^8 + 5^7 + 6^0 + 7^4 + 8^1 + 9^2$
 $15299 := 0^7 + 1^8 + 2^9 - 3^2 + 4^6 + 5^0 + 6^5 + 7^4 + 8^3 + 9^1$
 $15300 := 0^6 + 1^9 - 2^3 + 3^5 - 4^8 + 5^7 + 6^0 + 7^4 + 8^2 + 9^1$
 $15301 := 0^6 - 1^7 + 2^9 + 3^8 + 4^4 + 5^3 + 6^5 + 7^1 + 8^2 + 9^0$
 $15302 := 0^2 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3$
 $15303 := 0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^3 + 6^5 + 7^1 + 8^2 + 9^0$
 $15304 := 0^2 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3$
 $15305 := 0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^3 + 6^5 + 7^0 + 8^2 + 9^1$
 $15306 := 0^3 + 1^8 - 2^9 - 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$
 $15307 := 0^8 + 1^9 - 2^7 + 3^6 + 4^2 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4$
 $15308 := -0^0 - 1^6 - 2^8 - 3^9 + 4^7 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3$
 $15309 := 0^7 - 1^9 - 2^6 + 3^8 + 4^1 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$
 $15310 := 0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2$
 $15311 := 0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2$
 $15312 := 0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2$
 $15313 := 0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2$
 $15314 := 0^8 + 1^9 + 2^7 + 3^6 + 4^3 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$
 $15315 := 0^7 - 1^8 + 2^9 + 3^2 + 4^6 + 5^0 + 6^5 + 7^4 + 8^3 + 9^1$
 $15316 := 0^7 + 1^9 - 2^6 + 3^8 + 4^0 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$
 $15317 := 0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^0 + 6^5 + 7^4 + 8^3 + 9^1$
 $15318 := 0^6 - 1^7 + 2^9 + 3^8 + 4^4 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$
 $15319 := 0^6 - 1^7 + 2^9 + 3^8 + 4^4 + 5^3 + 6^5 + 7^0 + 8^1 + 9^2$
 $15320 := 0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$
 $15321 := 0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^3 + 6^5 + 7^0 + 8^1 + 9^2$

$15322 := 0^2 + 1^9 + 2^7 - 3^8 + 4^6 + 5^4 + 6^3 + 7^5 + 8^0 + 9^1$
 $15323 := 0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3$
 $15324 := 0^5 + 1^8 + 2^1 - 3^9 + 4^7 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$
 $15325 := 0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^0 + 6^5 + 7^1 + 8^4 + 9^3$
 $15326 := 0^7 - 1^9 - 2^6 + 3^8 + 4^1 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$
 $15327 := 0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0$
 $15328 := 0^7 + 1^9 - 2^6 + 3^8 + 4^1 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$
 $15329 := 0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$
 $15330 := 0^7 - 1^9 - 2^6 + 3^8 + 4^0 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$
 $15331 := 0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3$
 $15332 := 0^4 - 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^3$
 $15333 := 0^7 + 1^8 + 2^9 + 3^0 + 4^6 + 5^2 + 6^5 + 7^4 + 8^3 + 9^1$
 $15334 := 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^3$
 $15335 := 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^0 + 8^1 + 9^3$
 $15336 := 0^8 - 1^9 + 2^5 - 3^7 + 4^0 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$
 $15337 := 0^3 + 1^8 - 2^9 - 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$
 $15338 := 0^8 + 1^9 + 2^5 - 3^7 + 4^0 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$
 $15339 := 0^8 + 1^0 - 2^6 - 3^9 + 4^7 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2$
 $15340 := 0^0 + 1^8 - 2^6 - 3^9 + 4^7 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2$
 $15341 := 0^6 + 1^7 - 2^8 - 3^9 + 4^3 + 5^0 + 6^2 + 7^4 + 8^5 + 9^1$
 $15342 := 0^8 - 1^9 + 2^7 + 3^6 + 4^2 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4$
 $15343 := 0^8 - 1^9 + 2^7 + 3^6 + 4^2 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$
 $15344 := 0^8 + 1^9 + 2^7 + 3^6 + 4^2 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4$
 $15345 := 0^8 + 1^9 + 2^7 + 3^6 + 4^2 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$
 $15346 := 0^1 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3$
 $15347 := 0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$
 $15348 := 0^6 + 1^9 + 2^8 - 3^7 + 4^4 + 5^3 + 6^0 + 7^5 + 8^1 + 9^2$
 $15349 := 0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$
 $15350 := 0^8 - 1^9 - 2^7 + 3^6 + 4^0 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$
 $15351 := 0^8 + 1^9 - 2^7 + 3^6 + 4^1 + 5^0 + 6^5 + 7^3 + 8^2 + 9^4$
 $15352 := 0^8 + 1^9 - 2^7 + 3^6 + 4^0 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$
 $15353 := 0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$
 $15354 := 0^4 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^3$
 $15355 := 0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$
 $15356 := 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^3$
 $15357 := 0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$
 $15358 := 0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$
 $15359 := 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^2 + 8^1 + 9^3$
 $15360 := 0^0 + 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2$
 $15361 := 0^1 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$
 $15362 := 0^4 - 1^8 + 2^9 - 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1$
 $15363 := 0^4 + 1^8 + 2^9 - 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0$
 $15364 := 0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$
 $15365 := 0^7 - 1^0 - 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$
 $15366 := 0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$
 $15367 := 0^7 + 1^0 - 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$
 $15368 := 0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$
 $15369 := 0^4 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3$
 $15370 := -0^0 - 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$

$15371 := 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3$
 $15372 := -0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$
 $15373 := 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^1 + 8^2 + 9^3$
 $15374 := 0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$
 $15375 := 0^7 - 1^9 - 2^8 + 3^6 + 4^1 + 5^0 + 6^5 + 7^2 + 8^3 + 9^4$
 $15376 := 0^8 - 1^9 + 2^7 + 3^6 + 4^0 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$
 $15377 := 0^7 + 1^9 - 2^8 + 3^6 + 4^1 + 5^0 + 6^5 + 7^2 + 8^3 + 9^4$
 $15378 := 0^8 + 1^9 + 2^7 + 3^6 + 4^0 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$
 $15379 := 0^6 + 1^7 - 2^8 - 3^9 + 4^2 + 5^3 + 6^1 + 7^4 + 8^5 + 9^0$
 $15380 := -0^0 - 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$
 $15381 := 0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$
 $15382 := -0^0 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$
 $15383 := 0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$
 $15384 := 0^0 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$
 $15385 := 0^7 + 1^8 + 2^9 + 3^0 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2$
 $15386 := 0^5 - 1^9 - 2^7 + 3^8 + 4^6 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$
 $15387 := 0^8 - 1^9 + 2^7 + 3^6 + 4^1 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$
 $15388 := 0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$
 $15389 := 0^8 + 1^9 + 2^7 + 3^6 + 4^1 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$
 $15390 := 0^8 - 1^9 + 2^7 + 3^6 + 4^0 + 5^3 + 6^5 + 7^1 + 8^2 + 9^4$
 $15391 := 0^2 + 1^8 + 2^6 - 3^9 + 4^7 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1$
 $15392 := 0^8 + 1^9 + 2^7 + 3^6 + 4^0 + 5^3 + 6^5 + 7^1 + 8^2 + 9^4$
 $15393 := 0^7 - 1^9 + 2^6 + 3^8 + 4^2 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$
 $15394 := 0^7 - 1^9 + 2^6 + 3^8 + 4^2 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1$
 $15395 := 0^7 + 1^9 + 2^6 + 3^8 + 4^2 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$
 $15396 := 0^7 + 1^9 + 2^6 + 3^8 + 4^2 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1$
 $15397 := 0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3$
 $15398 := 0^5 - 1^8 + 2^9 - 3^7 + 4^3 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$
 $15399 := 0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^0 + 6^2 + 7^1 + 8^4 + 9^3$
 $15400 := 0^5 + 1^8 + 2^9 - 3^7 + 4^3 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$
 $15401 := 0^6 + 1^9 - 2^7 + 3^8 + 4^1 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$
 $15402 := 0^0 + 1^9 + 2^7 - 3^8 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$
 $15403 := 0^5 + 1^9 + 2^8 - 3^7 + 4^1 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$
 $15404 := 0^6 - 1^9 - 2^7 + 3^8 + 4^0 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1$
 $15405 := 0^1 - 1^8 + 2^6 - 3^9 + 4^7 + 5^2 + 6^4 + 7^5 + 8^3 + 9^0$
 $15406 := 0^6 + 1^9 - 2^7 + 3^8 + 4^0 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1$
 $15407 := 0^1 + 1^8 + 2^6 - 3^9 + 4^7 + 5^2 + 6^4 + 7^5 + 8^3 + 9^0$
 $15408 := 0^5 - 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3$
 $15409 := 0^5 - 1^9 - 2^7 + 3^8 + 4^6 + 5^0 + 6^1 + 7^2 + 8^4 + 9^3$
 $15410 := 0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3$
 $15411 := 0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^0 + 6^1 + 7^2 + 8^4 + 9^3$
 $15412 := -0^0 - 1^8 + 2^6 - 3^9 + 4^7 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1$
 $15413 := 0^4 + 1^7 + 2^9 - 3^8 + 4^6 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$
 $15414 := -0^0 + 1^8 + 2^6 - 3^9 + 4^7 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1$
 $15415 := 0^8 + 1^0 + 2^6 - 3^9 + 4^7 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1$
 $15416 := 0^8 - 1^9 - 2^2 + 3^7 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3$
 $15417 := 0^8 - 1^9 - 2^2 + 3^7 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$
 $15418 := 0^7 - 1^9 + 2^6 + 3^8 + 4^4 + 5^2 + 6^5 + 7^1 + 8^0 + 9^3$
 $15419 := 0^7 - 1^9 + 2^6 + 3^8 + 4^4 + 5^2 + 6^5 + 7^0 + 8^1 + 9^3$

15420 := 0 ⁷ + 1 ⁹ + 2 ⁶ + 3 ⁸ + 4 ⁴ + 5 ² + 6 ⁵ + 7 ¹ + 8 ⁰ + 9 ³	15469 := 0 ² - 1 ⁹ - 2 ⁷ + 3 ⁸ + 4 ⁶ + 5 ⁵ + 6 ⁴ + 7 ¹ + 8 ³ + 9 ⁰	15518 := 0 ⁶ - 1 ⁹ + 2 ⁷ + 3 ⁸ + 4 ¹ + 5 ⁴ + 6 ⁵ + 7 ³ + 8 ⁰ + 9 ²
15421 := 0 ⁷ + 1 ⁹ + 2 ⁶ + 3 ⁸ + 4 ⁴ + 5 ² + 6 ⁵ + 7 ⁰ + 8 ¹ + 9 ³	15470 := 0 ⁷ - 1 ⁹ + 2 ⁸ + 3 ⁶ + 4 ² + 5 ³ + 6 ⁵ + 7 ¹ + 8 ⁰ + 9 ⁴	15519 := 0 ⁶ + 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁴ + 5 ¹ + 6 ⁵ + 7 ³ + 8 ² + 9 ⁰
15422 := 0 ⁶ + 1 ⁷ + 2 ⁸ - 3 ⁹ + 4 ⁰ + 5 ¹ + 6 ⁴ + 7 ² + 8 ⁵ + 9 ³	15471 := 0 ⁷ - 1 ⁹ + 2 ⁸ + 3 ⁶ + 4 ² + 5 ³ + 6 ⁵ + 7 ⁰ + 8 ¹ + 9 ⁴	15520 := 0 ⁶ + 1 ⁹ + 2 ⁷ + 3 ⁸ + 4 ¹ + 5 ⁴ + 6 ⁵ + 7 ³ + 8 ⁰ + 9 ²
15423 := 0 ⁶ + 1 ⁹ + 2 ⁸ - 3 ⁷ + 4 ⁴ + 5 ⁰ + 6 ³ + 7 ⁵ + 8 ² + 9 ¹	15472 := 0 ⁷ + 1 ⁹ + 2 ⁸ + 3 ⁶ + 4 ² + 5 ³ + 6 ⁵ + 7 ¹ + 8 ⁰ + 9 ⁴	15521 := 0 ⁶ + 1 ⁹ + 2 ⁷ + 3 ⁸ + 4 ⁴ + 5 ¹ + 6 ⁵ + 7 ⁰ + 8 ² + 9 ³
15424 := 0 ⁸ - 1 ⁹ + 2 ² + 3 ⁷ + 4 ⁶ + 5 ⁴ + 6 ⁵ + 7 ¹ + 8 ⁰ + 9 ³	15473 := 0 ⁷ + 1 ⁹ + 2 ⁸ + 3 ⁶ + 4 ² + 5 ³ + 6 ⁵ + 7 ⁰ + 8 ¹ + 9 ⁴	15522 := 0 ⁶ - 1 ⁹ + 2 ⁷ + 3 ⁸ + 4 ⁰ + 5 ⁴ + 6 ⁵ + 7 ³ + 8 ¹ + 9 ²
15425 := 0 ⁸ - 1 ⁹ + 2 ² + 3 ⁷ + 4 ⁶ + 5 ⁴ + 6 ⁵ + 7 ⁰ + 8 ¹ + 9 ³	15474 := 0 ¹ - 1 ⁷ + 2 ⁹ - 3 ⁸ + 4 ⁵ + 5 ⁶ + 6 ⁰ + 7 ² + 8 ⁴ + 9 ³	15523 := 0 ⁶ + 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁴ + 5 ⁰ + 6 ⁵ + 7 ³ + 8 ² + 9 ¹
15426 := 0 ⁸ + 1 ⁹ + 2 ² + 3 ⁷ + 4 ⁶ + 5 ⁴ + 6 ⁵ + 7 ¹ + 8 ⁰ + 9 ³	15475 := 0 ⁸ + 1 ⁹ - 2 ⁷ + 3 ⁶ + 4 ² + 5 ⁰ + 6 ⁵ + 7 ¹ + 8 ³ + 9 ⁴	15524 := 0 ⁶ + 1 ⁹ + 2 ⁷ + 3 ⁸ + 4 ⁰ + 5 ⁴ + 6 ⁵ + 7 ³ + 8 ¹ + 9 ²
15427 := 0 ⁸ + 1 ⁹ + 2 ² + 3 ⁷ + 4 ⁶ + 5 ⁴ + 6 ⁵ + 7 ⁰ + 8 ¹ + 9 ³	15476 := 0 ¹ + 1 ⁷ + 2 ⁹ - 3 ⁸ + 4 ⁵ + 5 ⁶ + 6 ⁰ + 7 ² + 8 ⁴ + 9 ³	15525 := 0 ³ + 1 ⁷ + 2 ⁹ - 3 ⁸ + 4 ⁶ + 5 ⁴ + 6 ² + 7 ⁵ + 8 ¹ + 9 ⁰
15428 := 0 ⁷ + 1 ⁹ - 2 ² + 3 ⁸ + 4 ⁶ + 5 ⁵ + 6 ⁴ + 7 ³ + 8 ⁰ + 9 ¹	15477 := 0 ⁵ - 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁶ + 5 ³ + 6 ¹ + 7 ⁰ + 8 ⁴ + 9 ²	15526 := 0 ¹ + 1 ⁸ + 2 ⁵ - 3 ⁹ + 4 ⁷ + 5 ⁶ + 6 ² + 7 ⁴ + 8 ⁰ + 9 ³
15429 := 0 ⁶ + 1 ⁹ + 2 ³ - 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ¹ + 7 ⁴ + 8 ² + 9 ⁰	15478 := 0 ⁵ - 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁶ + 5 ³ + 6 ⁰ + 7 ¹ + 8 ⁴ + 9 ²	15527 := 0 ³ - 1 ⁸ - 2 ⁹ + 3 ⁷ + 4 ⁶ + 5 ⁵ + 6 ¹ + 7 ⁰ + 8 ² + 9 ⁴
15430 := 0 ⁶ - 1 ⁹ + 2 ³ - 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ⁰ + 7 ⁴ + 8 ² + 9 ¹	15479 := 0 ⁵ + 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁶ + 5 ³ + 6 ¹ + 7 ⁰ + 8 ⁴ + 9 ²	15528 := 0 ⁷ - 1 ⁸ + 2 ⁹ + 3 ² + 4 ⁶ + 5 ¹ + 6 ⁵ + 7 ⁴ + 8 ⁰ + 9 ³
15431 := 0 ⁶ - 1 ⁹ - 2 ⁷ + 3 ⁸ + 4 ¹ + 5 ⁴ + 6 ⁵ + 7 ⁰ + 8 ³ + 9 ²	15480 := 0 ⁵ + 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁶ + 5 ³ + 6 ⁰ + 7 ¹ + 8 ⁴ + 9 ²	15529 := 0 ³ + 1 ⁸ - 2 ⁹ + 3 ⁷ + 4 ⁶ + 5 ⁵ + 6 ¹ + 7 ⁰ + 8 ² + 9 ⁴
15432 := 0 ⁶ + 1 ⁹ + 2 ³ - 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ⁰ + 7 ⁴ + 8 ² + 9 ¹	15481 := 0 ⁸ + 1 ⁹ + 2 ¹ + 3 ⁷ + 4 ⁶ + 5 ⁴ + 6 ⁵ + 7 ⁰ + 8 ² + 9 ³	15530 := 0 ⁷ + 1 ⁸ + 2 ⁹ + 3 ² + 4 ⁶ + 5 ¹ + 6 ⁵ + 7 ⁴ + 8 ⁰ + 9 ³
15433 := 0 ⁵ - 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁶ + 5 ³ + 6 ² + 7 ¹ + 8 ⁴ + 9 ⁰	15482 := 0 ⁶ - 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁴ + 5 ² + 6 ⁵ + 7 ³ + 8 ⁰ + 9 ¹	15531 := 0 ⁷ - 1 ⁸ + 2 ⁹ + 3 ² + 4 ⁶ + 5 ⁰ + 6 ⁵ + 7 ⁴ + 8 ¹ + 9 ³
15434 := 0 ⁷ - 1 ⁹ + 2 ² + 3 ⁸ + 4 ⁶ + 5 ⁵ + 6 ⁴ + 7 ³ + 8 ⁰ + 9 ¹	15483 := 0 ⁶ + 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁴ + 5 ² + 6 ⁵ + 7 ³ + 8 ¹ + 9 ⁰	15532 := -0 ⁰ + 1 ⁸ + 2 ⁵ - 3 ⁹ + 4 ⁷ + 5 ⁶ + 6 ² + 7 ⁴ + 8 ¹ + 9 ³
15435 := 0 ⁵ + 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁶ + 5 ³ + 6 ² + 7 ¹ + 8 ⁴ + 9 ⁰	15484 := 0 ⁶ + 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁴ + 5 ² + 6 ⁵ + 7 ³ + 8 ⁰ + 9 ¹	15533 := 0 ⁷ + 1 ⁸ + 2 ⁹ + 3 ² + 4 ⁶ + 5 ⁰ + 6 ⁵ + 7 ⁴ + 8 ¹ + 9 ³
15436 := 0 ⁷ + 1 ⁹ + 2 ² + 3 ⁸ + 4 ⁶ + 5 ⁵ + 6 ⁴ + 7 ³ + 8 ⁰ + 9 ¹	15485 := 0 ⁶ + 1 ⁹ + 2 ⁷ + 3 ⁸ + 4 ⁴ + 5 ² + 6 ⁵ + 7 ⁰ + 8 ¹ + 9 ³	15534 := 0 ⁶ - 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁴ + 5 ¹ + 6 ⁵ + 7 ³ + 8 ⁰ + 9 ²
15437 := 0 ⁵ + 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁶ + 5 ³ + 6 ² + 7 ⁰ + 8 ⁴ + 9 ¹	15486 := 0 ⁸ + 1 ⁹ + 2 ⁰ + 3 ⁷ + 4 ⁶ + 5 ⁴ + 6 ⁵ + 7 ¹ + 8 ² + 9 ³	15535 := 0 ¹ + 1 ⁹ + 2 ⁸ + 3 ⁷ + 4 ⁶ + 5 ⁴ + 6 ⁵ + 7 ⁰ + 8 ³ + 9 ²
15438 := 0 ⁰ + 1 ⁶ - 2 ⁹ - 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ¹ + 7 ⁴ + 8 ³ + 9 ²	15487 := 0 ⁷ - 1 ⁹ + 2 ¹ + 3 ⁸ + 4 ⁶ + 5 ⁵ + 6 ⁴ + 7 ³ + 8 ² + 9 ⁰	15536 := 0 ⁶ + 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁴ + 5 ¹ + 6 ⁵ + 7 ³ + 8 ⁰ + 9 ²
15439 := 0 ⁷ + 1 ⁹ + 2 ⁶ + 3 ⁸ + 4 ¹ + 5 ⁴ + 6 ⁵ + 7 ³ + 8 ² + 9 ⁰	15488 := 0 ³ + 1 ⁹ + 2 ⁶ - 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ⁰ + 7 ⁴ + 8 ² + 9 ¹	15537 := 0 ⁵ + 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁶ + 5 ¹ + 6 ³ + 7 ² + 8 ⁴ + 9 ⁰
15440 := 0 ⁷ - 1 ⁹ + 2 ⁶ + 3 ⁸ + 4 ⁴ + 5 ¹ + 6 ⁵ + 7 ² + 8 ⁰ + 9 ³	15489 := 0 ⁷ + 1 ⁹ + 2 ¹ + 3 ⁸ + 4 ⁶ + 5 ⁵ + 6 ⁴ + 7 ³ + 8 ² + 9 ⁰	15538 := -0 ⁰ - 1 ⁹ + 2 ⁸ + 3 ⁷ + 4 ⁶ + 5 ⁴ + 6 ⁵ + 7 ¹ + 8 ³ + 9 ²
15441 := 0 ¹ + 1 ⁹ + 2 ⁵ + 3 ⁶ - 4 ⁸ + 5 ⁷ + 6 ⁴ + 7 ⁰ + 8 ² + 9 ³	15490 := 0 ⁴ - 1 ⁹ + 2 ⁸ - 3 ⁷ + 4 ⁵ + 5 ⁶ + 6 ² + 7 ¹ + 8 ⁰ + 9 ³	15539 := 0 ⁶ + 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁴ + 5 ⁰ + 6 ⁵ + 7 ³ + 8 ¹ + 9 ²
15442 := 0 ⁷ + 1 ⁹ + 2 ⁶ + 3 ⁸ + 4 ⁴ + 5 ¹ + 6 ⁵ + 7 ² + 8 ⁰ + 9 ³	15491 := 0 ⁷ - 1 ⁹ - 2 ⁵ + 3 ⁸ + 4 ⁶ + 5 ¹ + 6 ² + 7 ⁰ + 8 ⁴ + 9 ³	15540 := -0 ⁰ + 1 ⁹ + 2 ⁸ + 3 ⁷ + 4 ⁶ + 5 ⁴ + 6 ⁵ + 7 ¹ + 8 ³ + 9 ²
15443 := 0 ⁷ - 1 ⁹ + 2 ⁶ + 3 ⁸ + 4 ⁴ + 5 ⁰ + 6 ⁵ + 7 ² + 8 ¹ + 9 ³	15492 := 0 ⁷ - 1 ⁹ - 2 ⁰ + 3 ⁸ + 4 ⁶ + 5 ⁵ + 6 ⁴ + 7 ³ + 8 ² + 9 ¹	15541 := 0 ⁵ + 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁶ + 5 ⁰ + 6 ³ + 7 ² + 8 ⁴ + 9 ¹
15444 := 0 ⁷ + 1 ⁹ + 2 ⁶ + 3 ⁸ + 4 ⁰ + 5 ⁴ + 6 ⁵ + 7 ³ + 8 ² + 9 ¹	15493 := 0 ⁷ + 1 ⁹ - 2 ⁵ + 3 ⁸ + 4 ⁶ + 5 ¹ + 6 ² + 7 ⁰ + 8 ⁴ + 9 ³	15542 := 0 ⁰ + 1 ⁹ + 2 ⁸ + 3 ⁷ + 4 ⁶ + 5 ⁴ + 6 ⁵ + 7 ¹ + 8 ³ + 9 ²
15445 := 0 ⁷ + 1 ⁹ + 2 ⁶ + 3 ⁸ + 4 ⁴ + 5 ⁰ + 6 ⁵ + 7 ² + 8 ¹ + 9 ³	15494 := 0 ⁷ - 1 ⁹ + 2 ⁰ + 3 ⁸ + 4 ⁶ + 5 ⁵ + 6 ⁴ + 7 ³ + 8 ² + 9 ¹	15543 := 0 ⁷ + 1 ⁸ - 2 ⁹ + 3 ³ + 4 ⁶ + 5 ⁰ + 6 ⁵ + 7 ² + 8 ⁴ + 9 ¹
15446 := 0 ⁶ + 1 ⁹ + 2 ³ - 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ¹ + 7 ⁴ + 8 ⁰ + 9 ²	15495 := 0 ⁷ + 1 ⁹ - 2 ⁵ + 3 ⁸ + 4 ⁶ + 5 ⁰ + 6 ² + 7 ¹ + 8 ⁴ + 9 ³	15544 := 0 ⁷ + 1 ⁸ + 2 ⁹ + 3 ¹ + 4 ⁶ + 5 ² + 6 ⁵ + 7 ⁴ + 8 ⁰ + 9 ³
15447 := 0 ⁵ + 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁶ + 5 ³ + 6 ¹ + 7 ² + 8 ⁴ + 9 ⁰	15496 := 0 ⁷ + 1 ⁹ + 2 ⁰ + 3 ⁸ + 4 ⁶ + 5 ⁵ + 6 ⁴ + 7 ³ + 8 ² + 9 ¹	15545 := 0 ⁷ - 1 ⁹ + 2 ⁵ + 3 ⁸ + 4 ⁶ + 5 ² + 6 ¹ + 7 ⁰ + 8 ⁴ + 9 ³
15448 := 0 ⁵ - 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁶ + 5 ³ + 6 ⁰ + 7 ² + 8 ⁴ + 9 ¹	15497 := 0 ⁷ + 1 ⁹ - 2 ⁶ + 3 ⁸ + 4 ¹ + 5 ⁴ + 6 ⁵ + 7 ⁰ + 8 ³ + 9 ²	15546 := 0 ⁷ - 1 ⁹ + 2 ⁵ + 3 ⁸ + 4 ⁶ + 5 ² + 6 ⁰ + 7 ¹ + 8 ⁴ + 9 ³
15449 := 0 ⁸ + 1 ⁰ + 2 ⁶ + 3 ⁹ - 4 ⁷ + 5 ³ + 6 ⁵ + 7 ¹ + 8 ⁴ + 9 ²	15498 := 0 ⁷ - 1 ⁹ - 2 ⁶ + 3 ⁸ + 4 ⁰ + 5 ⁴ + 6 ⁵ + 7 ¹ + 8 ³ + 9 ²	15547 := 0 ⁷ + 1 ⁹ + 2 ⁵ + 3 ⁸ + 4 ⁶ + 5 ² + 6 ¹ + 7 ⁰ + 8 ⁴ + 9 ³
15450 := 0 ⁵ + 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁶ + 5 ³ + 6 ⁰ + 7 ² + 8 ⁴ + 9 ¹	15499 := 0 ⁸ + 1 ⁹ + 2 ⁶ - 3 ⁷ + 4 ⁴ + 5 ⁰ + 6 ² + 7 ⁵ + 8 ³ + 9 ¹	15548 := 0 ⁷ + 1 ⁹ + 2 ⁵ + 3 ⁸ + 4 ⁶ + 5 ² + 6 ⁰ + 7 ¹ + 8 ⁴ + 9 ³
15451 := 0 ¹ + 1 ⁷ + 2 ⁹ + 3 ⁰ - 4 ⁸ + 5 ⁴ + 6 ⁶ + 7 ³ + 8 ⁵ + 9 ²	15500 := 0 ⁷ - 1 ⁹ + 2 ⁸ + 3 ⁶ + 4 ¹ + 5 ³ + 6 ⁵ + 7 ² + 8 ⁰ + 9 ⁴	15549 := 0 ² + 1 ⁸ + 2 ⁹ + 3 ⁷ + 4 ⁶ + 5 ⁴ + 6 ⁵ + 7 ³ + 8 ¹ + 9 ⁰
15452 := 0 ⁴ - 1 ⁷ + 2 ⁹ - 3 ⁸ + 4 ⁶ + 5 ¹ + 6 ⁰ + 7 ⁵ + 8 ³ + 9 ²	15501 := 0 ¹ - 1 ⁹ + 2 ⁸ + 3 ⁷ + 4 ⁶ + 5 ⁴ + 6 ⁵ + 7 ² + 8 ³ + 9 ⁰	15550 := 0 ² + 1 ⁸ + 2 ⁹ + 3 ⁷ + 4 ⁶ + 5 ⁴ + 6 ⁵ + 7 ³ + 8 ⁰ + 9 ¹
15453 := 0 ⁴ - 1 ⁷ + 2 ⁹ - 3 ⁸ + 4 ⁶ + 5 ⁰ + 6 ¹ + 7 ⁵ + 8 ³ + 9 ²	15502 := 0 ⁷ + 1 ⁹ + 2 ⁸ + 3 ⁶ + 4 ¹ + 5 ³ + 6 ⁵ + 7 ² + 8 ⁰ + 9 ⁴	15551 := 0 ⁹ + 1 ⁰ - 2 ⁷ + 3 ⁸ + 4 ⁶ + 5 ⁵ + 6 ⁴ + 7 ¹ + 8 ³ + 9 ²
15454 := 0 ⁷ - 1 ⁹ + 2 ⁶ + 3 ⁸ + 4 ¹ + 5 ⁴ + 6 ⁵ + 7 ³ + 8 ⁰ + 9 ²	15503 := 0 ¹ + 1 ⁹ + 2 ⁸ + 3 ⁷ + 4 ⁶ + 5 ⁴ + 6 ⁵ + 7 ² + 8 ³ + 9 ⁰	15552 := 0 ⁰ + 1 ⁹ - 2 ⁷ + 3 ⁸ + 4 ⁶ + 5 ⁵ + 6 ⁴ + 7 ¹ + 8 ³ + 9 ²
15455 := 0 ⁷ - 1 ⁹ + 2 ⁶ + 3 ⁸ + 4 ⁴ + 5 ¹ + 6 ⁵ + 7 ⁰ + 8 ² + 9 ³	15504 := 0 ⁶ - 1 ⁹ + 2 ⁷ + 3 ⁸ + 4 ⁴ + 5 ¹ + 6 ⁵ + 7 ² + 8 ⁰ + 9 ³	15553 := 0 ⁶ - 1 ⁸ - 2 ⁹ - 3 ⁷ + 4 ² + 5 ³ + 6 ⁴ + 7 ⁵ + 8 ¹ + 9 ⁰
15456 := 0 ⁷ + 1 ⁹ + 2 ⁶ + 3 ⁸ + 4 ¹ + 5 ⁴ + 6 ⁵ + 7 ³ + 8 ⁰ + 9 ²	15505 := 0 ⁸ + 1 ⁹ - 2 ⁷ + 3 ⁶ + 4 ¹ + 5 ⁰ + 6 ⁵ + 7 ² + 8 ³ + 9 ⁴	15554 := 0 ¹ + 1 ⁸ + 2 ⁵ - 3 ⁹ + 4 ⁷ + 5 ⁶ + 6 ⁰ + 7 ⁴ + 8 ²

$$\begin{aligned}
 15567 &:= 0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2 \\
 15568 &:= 0^8 + 1^9 + 2^7 + 3^6 + 4^1 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4 \\
 15569 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2 \\
 15570 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3 \\
 15571 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^3 + 7^1 + 8^4 + 9^2 \\
 15572 &:= 0^8 + 1^9 + 2^7 + 3^6 + 4^0 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4 \\
 15573 &:= 0^7 + 1^8 - 2^9 + 3^3 + 4^6 + 5^0 + 6^5 + 7^1 + 8^4 + 9^2 \\
 15574 &:= 0^4 - 1^8 + 2^9 - 3^7 + 4^5 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2 \\
 15575 &:= 0^4 + 1^8 + 2^9 - 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2 \\
 15576 &:= 0^4 + 1^8 + 2^9 - 3^7 + 4^5 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2 \\
 15577 &:= 0^7 + 1^8 + 2^9 - 3^1 + 4^6 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3 \\
 15578 &:= 0^1 + 1^5 + 2^8 - 3^9 + 4^7 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2 \\
 15579 &:= 0^2 + 1^6 + 2^8 - 3^9 + 4^7 + 5^1 + 6^4 + 7^5 + 8^3 + 9^0 \\
 15580 &:= 0^6 + 1^9 + 2^2 - 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1 \\
 15581 &:= 0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3 \\
 15582 &:= -0^0 + 1^5 + 2^8 - 3^9 + 4^7 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2 \\
 15583 &:= 0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3 \\
 15584 &:= 0^0 + 1^5 + 2^8 - 3^9 + 4^7 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2 \\
 15585 &:= 0^7 + 1^8 + 2^9 + 3^0 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3 \\
 15586 &:= 0^6 - 1^9 - 2^7 + 3^8 + 4^2 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3 \\
 15587 &:= 0^6 - 1^9 - 2^7 + 3^8 + 4^2 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3 \\
 15588 &:= 0^6 + 1^9 - 2^7 + 3^8 + 4^2 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3 \\
 15589 &:= 0^6 + 1^9 - 2^7 + 3^8 + 4^2 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3 \\
 15590 &:= 0^5 - 1^9 + 2^8 - 3^7 + 4^0 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2 \\
 15591 &:= 0^7 - 1^9 + 2^6 + 3^8 + 4^1 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0 \\
 15592 &:= 0^5 + 1^9 + 2^8 - 3^7 + 4^0 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2 \\
 15593 &:= 0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0 \\
 15594 &:= 0^7 + 1^8 - 2^6 - 3^9 + 4^0 + 5^3 + 6^2 + 7^4 + 8^5 + 9^1 \\
 15595 &:= 0^6 - 1^7 + 2^9 + 3^8 + 4^3 + 5^4 + 6^5 + 7^2 + 8^1 + 9^0 \\
 15596 &:= 0^6 - 1^7 + 2^9 + 3^8 + 4^3 + 5^4 + 6^5 + 7^2 + 8^0 + 9^1 \\
 15597 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^4 + 6^5 + 7^2 + 8^1 + 9^0 \\
 15598 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^4 + 6^5 + 7^2 + 8^0 + 9^1 \\
 15599 &:= 0^7 + 1^8 - 2^9 + 3^2 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0 \\
 15600 &:= 0^8 + 1^9 + 2^6 - 3^7 + 4^0 + 5^4 + 6^3 + 7^5 + 8^2 + 9^1 \\
 15601 &:= 0^7 - 1^9 + 2^2 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0 \\
 15602 &:= 0^6 + 1^8 + 2^9 - 3^7 + 4^4 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2 \\
 15603 &:= 0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0 \\
 15604 &:= 0^2 + 1^8 + 2^6 - 3^9 + 4^7 + 5^1 + 6^4 + 7^5 + 8^0 + 9^3 \\
 15605 &:= 0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0 \\
 15606 &:= 0^8 - 1^9 + 2^7 + 3^6 + 4^0 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4 \\
 15607 &:= 0^8 + 1^9 + 2^7 + 3^6 + 4^1 + 5^0 + 6^5 + 7^3 + 8^2 + 9^4 \\
 15608 &:= 0^8 + 1^9 + 2^7 + 3^6 + 4^0 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4 \\
 15609 &:= 0^6 - 1^7 + 2^9 + 3^8 + 4^3 + 5^4 + 6^5 + 7^1 + 8^2 + 9^0 \\
 15610 &:= -0^0 - 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1 \\
 15611 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^4 + 6^5 + 7^1 + 8^2 + 9^0 \\
 15612 &:= -0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1 \\
 15613 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^4 + 6^5 + 7^0 + 8^2 + 9^1 \\
 15614 &:= 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1 \\
 15615 &:= 0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0 \\
 15616 &:= 0^6 - 1^9 - 2^7 + 3^8 + 4^1 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3 \\
 15617 &:= 0^7 + 1^9 + 2^6 + 3^8 - 4^1 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2 \\
 15618 &:= 0^6 + 1^9 - 2^7 + 3^8 + 4^1 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3 \\
 15619 &:= 0^3 + 1^4 - 2^9 + 3^7 - 4^8 + 5^1 + 6^6 + 7^2 + 8^5 + 9^0 \\
 15620 &:= 0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2 \\
 15621 &:= 0^9 - 1^0 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1 \\
 15622 &:= 0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2 \\
 15623 &:= 0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1 \\
 15624 &:= 0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1 \\
 15625 &:= 0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2 \\
 15626 &:= 0^6 - 1^7 + 2^9 + 3^8 + 4^3 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2 \\
 15627 &:= 0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0 \\
 15628 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2 \\
 15629 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2 \\
 15630 &:= 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2 \\
 15631 &:= 0^6 - 1^9 - 2^7 + 3^8 + 4^1 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3 \\
 15632 &:= 0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2 \\
 15633 &:= 0^6 + 1^9 - 2^7 + 3^8 + 4^1 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3 \\
 15634 &:= 0^6 - 1^9 - 2^7 + 3^8 + 4^0 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3 \\
 15635 &:= 0^7 + 1^8 - 2^9 + 3^1 + 4^6 + 5^3 + 6^5 + 7^2 + 8^4 + 9^0 \\
 15636 &:= -0^0 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2 \\
 15637 &:= 0^9 - 1^0 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2 \\
 15638 &:= -0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2 \\
 15639 &:= 0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2 \\
 15640 &:= 0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2 \\
 15641 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^1 + 7^3 + 8^4 + 9^0 \\
 15642 &:= 0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1 \\
 15643 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3 \\
 15644 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1 \\
 15645 &:= 0^1 + 1^9 + 2^7 - 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0 \\
 15646 &:= 0^7 - 1^9 - 2^0 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1 \\
 15647 &:= 0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^0 \\
 15648 &:= 0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1 \\
 15649 &:= 0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^0 \\
 15650 &:= 0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1 \\
 15651 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^2 + 7^3 + 8^4 + 9^0 \\
 15652 &:= 0^7 + 1^9 - 2^6 + 3^8 + 4^2 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3 \\
 15653 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3 \\
 15654 &:= 0^0 + 1^9 + 2^7 - 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1 \\
 15655 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^2 + 7^3 + 8^4 + 9^1 \\
 15656 &:= 0^6 + 1^9 + 2^0 - 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2 \\
 15657 &:= 0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0 \\
 15658 &:= -0^0 + 1^6 + 2^8 - 3^9 + 4^7 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2 \\
 15659 &:= 0^5 + 1^8 + 2^9 - 3^7 + 4^1 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0 \\
 15660 &:= 0^6 - 1^9 + 2^7 + 3^8 + 4^0 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1 \\
 15661 &:= 0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0 \\
 15662 &:= 0^6 + 1^9 + 2^7 + 3^8 + 4^0 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1 \\
 15663 &:= 0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0 \\
 15664 &:= 0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3 \\
 15665 &:= 0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^0 + 8^2 + 9^1 \\
 15666 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3 \\
 15667 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^1 + 7^2 + 8^4 + 9^3 \\
 15668 &:= 0^0 + 1^8 + 2^6 - 3^9 + 4^7 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3 \\
 15669 &:= 0^7 - 1^8 - 2^9 + 3^0 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2 \\
 15670 &:= 0^5 + 1^7 - 2^9 - 3^8 + 4^0 + 5^6 + 6^2 + 7^1 + 8^3 + 9^4 \\
 15671 &:= 0^6 - 1^7 + 2^9 + 3^8 + 4^4 + 5^1 + 6^5 + 7^2 + 8^3 + 9^0 \\
 15672 &:= 0^1 + 1^8 - 2^9 - 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2 \\
 15673 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^1 + 6^5 + 7^2 + 8^3 + 9^0 \\
 15674 &:= 0^7 - 1^8 + 2^9 + 3^6 + 4^3 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4 \\
 15675 &:= 0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2 \\
 15676 &:= 0^7 + 1^8 + 2^9 + 3^6 + 4^3 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4 \\
 15677 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^0 + 6^5 + 7^2 + 8^3 + 9^1 \\
 15678 &:= 0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3 \\
 15679 &:= 0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3 \\
 15680 &:= 0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2 \\
 15681 &:= 0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2 \\
 15682 &:= 0^2 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4 \\
 15683 &:= 0^2 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4 \\
 15684 &:= 0^7 - 1^9 - 2^6 + 3^8 + 4^0 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3 \\
 15685 &:= 0^6 - 1^9 + 2^8 - 3^7 + 4^4 + 5^1 + 6^2 + 7^5 + 8^3 + 9^0 \\
 15686 &:= 0^7 - 1^9 + 2^8 + 3^6 + 4^2 + 5^1 + 6^5 + 7^3 + 8^0 + 9^4 \\
 15687 &:= 0^6 - 1^9 + 2^7 + 3^8 + 4^1 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2 \\
 15688 &:= 0^7 + 1^9 + 2^8 + 3^6 + 4^2 + 5^1 + 6^5 + 7^3 + 8^0 + 9^4 \\
 15689 &:= 0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2 \\
 15690 &:= 0^6 - 1^9 + 2^7 + 3^8 + 4^0 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2 \\
 15691 &:= 0^7 + 1^9 + 2^8 + 3^6 + 4^2 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4 \\
 15692 &:= 0^6 + 1^9 + 2^7 + 3^8 + 4^0 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2 \\
 15693 &:= 0^1 - 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0 \\
 15694 &:= 0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2 \\
 15695 &:= 0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2 \\
 15696 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2 \\
 15697 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2 \\
 15698 &:= 0^7 + 1^8 + 2^9 + 3^6 + 4^3 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4 \\
 15699 &:= 0^7 - 1^8 + 2^9 + 3^6 + 4^3 + 5^0 + 6^5 + 7^2 + 8^1 + 9^4 \\
 15700 &:= 0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4 \\
 15701 &:= 0^7 + 1^8 + 2^9 + 3^6 + 4^3 + 5^0 + 6^5 + 7^2 + 8^1 + 9^4 \\
 15702 &:= 0^7 + 1^8 + 2^6 - 3^9 + 4^2 + 5^3 + 6^0 + 7^4 + 8^5 + 9^1 \\
 15703 &:= 0^6 - 1^7 + 2^9 + 3^8 + 4^4 + 5^1 + 6^5 + 7^0 + 8^3 + 9^2 \\
 15704 &:= 0^0 + 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1 \\
 15705 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^1 + 6^5 + 7^0 + 8^3 + 9^2 \\
 15706 &:= 0^2 + 1^7 + 2^9 - 3^8 + 4^6 + 5^4 + 6^3 + 7^5 + 8^0 + 9^1 \\
 15707 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^0 + 6^5 + 7^1 + 8^3 + 9^2 \\
 15708 &:= 0^7 + 1^9 + 2^2 - 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^0 + 9^3 \\
 15709 &:= 0^6 - 1^8 + 2^7 - 3^9 + 4^3 + 5^2 + 6^1 + 7^4 + 8^5 + 9^0 \\
 15710 &:= 0^7 + 1^9 + 2^2 - 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^1 + 9^3 \\
 15711 &:= 0^7 - 1^8 + 2^9 + 3^6 + 4^3 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4 \\
 15712 &:= 0^1 + 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2 \\
 15713 &:= 0^7 + 1^8 + 2^9 + 3^6 + 4^3 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4
 \end{aligned}$$

15712 := $0^6 + 1^8 + 2^7 - 3^9 + 4^3 + 5^2 + 6^0 + 7^1 + 8^5 + 9^1$
15715 := $0^7 + 1^8 + 2^9 + 3^6 + 4^3 + 5^0 + 6^5 + 7^1 + 8^2 + 9^4$
15716 := $0^3 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^0 + 9^1$
15717 := $0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0$
15718 := $0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
15719 := $0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^0 + 8^3 + 9^1$
15720 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
15721 := $0^6 + 1^8 + 2^7 - 3^9 + 4^3 + 5^1 + 6^2 + 7^4 + 8^5 + 9^0$
15722 := $0^1 - 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
15723 := $0^6 - 1^8 + 2^7 - 3^9 + 4^3 + 5^0 + 6^2 + 7^4 + 8^5 + 9^1$
15724 := $-0^0 - 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
15725 := $0^2 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$
15726 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
15727 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$
15728 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
15729 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^0 + 8^3 + 9^1$
15730 := $0^1 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3$
15731 := $0^8 + 1^9 + 2^7 + 3^6 + 4^2 + 5^0 + 6^5 + 7^1 + 8^3 + 9^4$
15732 := $0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$
15733 := $0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$
15734 := $0^7 - 1^9 + 2^8 + 3^6 + 4^0 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$
15735 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$
15736 := $0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$
15737 := $0^8 + 1^9 + 2^7 + 3^6 + 4^1 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4$
15738 := $0^8 - 1^9 + 2^7 + 3^6 + 4^0 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4$
15739 := $0^9 - 1^0 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$
15740 := $0^8 + 1^9 + 2^7 + 3^6 + 4^0 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4$
15741 := $0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$
15742 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$
15743 := $0^3 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$
15744 := $-0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4$
15745 := $0^1 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$
15746 := $0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4$
15747 := $0^4 - 1^8 + 2^9 - 3^7 + 4^5 + 5^6 + 6^2 + 7^0 + 8^1 + 9^3$
15748 := $-0^0 - 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$
15749 := $0^9 - 1^0 - 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$
15750 := $-0^0 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$
15751 := $0^9 + 1^0 - 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$
15752 := $0^0 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$
15753 := $0^7 + 1^8 + 2^9 + 3^4 - 4^5 + 5^6 + 6^2 + 7^0 + 8^3 + 9^1$
15754 := $-0^0 - 1^5 + 2^8 - 3^9 + 4^7 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$
15755 := $0^5 - 1^0 + 2^8 - 3^9 + 4^7 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$
15756 := $0^7 - 1^8 + 2^9 + 3^6 + 4^1 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$
15757 := $0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$
15758 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$
15759 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$
15760 := $0^7 - 1^8 + 2^9 + 3^6 + 4^0 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$
15761 := $0^8 + 1^9 + 2^7 + 3^6 + 4^1 + 5^0 + 6^5 + 7^2 + 8^3 + 9^4$
15762 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$
15763 := $0^6 + 1^8 + 2^7 - 3^9 + 4^2 + 5^3 + 6^1 + 7^4 + 8^5 + 9^0$
15764 := $-0^0 - 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1$
15765 := $0^8 - 1^0 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1$
15766 := $-0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1$
15767 := $0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1$
15768 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1$
15769 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0$
15770 := $0^3 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$
15771 := $0^7 - 1^8 + 2^9 + 3^6 + 4^1 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$
15772 := $0^3 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4$
15773 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^3 + 6^5 + 7^0 +$

15861 := $0^6 + 1^8 + 2^7 - 3^9 + 4^1 + 5^2 + 6^3 + 7^4 + 8^5 + 9^0$
15862 := $0^7 - 1^9 - 2^0 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$
15863 := $0^7 - 1^9 + 2^8 + 3^6 + 4^1 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4$
15864 := $0^7 - 1^9 + 2^0 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$
15865 := $0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4$
15866 := $0^7 + 1^9 + 2^0 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$
15867 := $0^6 - 1^7 + 2^9 + 3^8 + 4^4 + 5^2 + 6^5 + 7^0 + 8^1 + 9^3$
15868 := $0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^2 + 6^5 + 7^1 + 8^0 + 9^3$
15869 := $0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^2 + 6^5 + 7^0 + 8^1 + 9^3$
15870 := $-0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$
15871 := $0^6 + 1^7 - 2^9 + 3^8 + 4^3 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$
15872 := $0^6 - 1^9 + 2^7 + 3^8 + 4^1 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
15873 := $0^7 - 1^9 + 2^1 + 3^8 + 4^6 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$
15874 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
15875 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$
15876 := $0^6 - 1^9 + 2^7 + 3^8 + 4^0 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
15877 := $0^7 - 1^8 - 2^9 - 3^1 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$
15878 := $0^6 + 1^9 + 2^7 + 3^8 + 4^0 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
15879 := $0^7 + 1^8 - 2^9 - 3^1 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$
15880 := $0^7 + 1^9 + 2^0 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$
15881 := $0^5 + 1^8 - 2^9 - 3^7 + 4^1 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0$
15882 := $0^1 + 1^7 - 2^9 - 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$
15883 := $0^7 - 1^8 - 2^9 + 3^1 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$
15884 := $-0^0 + 1^9 - 2^6 - 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2$
15885 := $0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$
15886 := $0^7 - 1^8 - 2^9 + 3^5 + 4^4 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1$
15887 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$
15888 := $0^6 - 1^7 + 2^9 + 3^8 + 4^4 + 5^1 + 6^5 + 7^2 + 8^0 + 9^3$
15889 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$
15890 := $0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^1 + 6^5 + 7^2 + 8^0 + 9^3$
15891 := $0^6 - 1^7 + 2^9 + 3^8 + 4^4 + 5^0 + 6^5 + 7^2 + 8^1 + 9^3$
15892 := $0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$
15893 := $0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^0 + 6^5 + 7^2 + 8^1 + 9^3$
15894 := $0^6 + 1^7 + 2^8 - 3^9 + 4^2 + 5^3 + 6^0 + 7^4 + 8^5 + 9^1$
15895 := $0^2 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$
15896 := $0^2 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$
15897 := $0^2 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$
15898 := $0^2 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$
15899 := $0^7 - 1^8 - 2^9 + 3^5 + 4^4 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$
15900 := $0^2 - 1^9 + 2^7 - 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$
15901 := $0^7 + 1^8 - 2^9 + 3^5 + 4^4 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$
15902 := $0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$
15903 := $0^6 - 1^7 + 2^9 + 3^8 + 4^4 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3$
15904 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$
15905 := $0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3$
15906 := $0^6 - 1^7 + 2^9 + 3^8 + 4^0 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$
15907 := $0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^0 + 6^5 + 7^1 + 8^2 + 9^3$

15908 := $0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$
15909 := $0^6 + 1^7 + 2^8 - 3^9 + 4^1 + 5^3 + 6^2 + 7^4 + 8^5 + 9^0$
15910 := $0^6 + 1^8 + 2^9 - 3^7 + 4^3 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$
15911 := $0^1 + 1^9 - 2^8 - 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$
15912 := $0^6 + 1^8 + 2^9 - 3^7 + 4^3 + 5^4 + 6^0 + 7^5 + 8^1 + 9^2$
15913 := $0^5 + 1^0 + 2^9 + 3^6 - 4^8 + 5^7 + 6^4 + 7^2 + 8^1 + 9^3$
15914 := $0^6 + 1^7 + 2^8 - 3^9 + 4^0 + 5^3 + 6^2 + 7^4 + 8^5 + 9^1$
15915 := $0^6 - 1^8 + 2^7 - 3^9 + 4^1 + 5^0 + 6^3 + 7^4 + 8^5 + 9^2$
15916 := $0^7 - 1^8 - 2^9 + 3^5 + 4^4 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$
15917 := $0^7 - 1^8 - 2^9 + 3^5 + 4^4 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$
15918 := $0^7 + 1^8 - 2^9 + 3^5 + 4^4 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$
15919 := $0^7 + 1^8 - 2^9 + 3^5 + 4^4 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$
15920 := $0^0 + 1^9 - 2^8 - 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$
15921 := $0^7 - 1^9 - 2^8 + 3^1 + 4^6 + 5^3 + 6^5 + 7^0 + 8^4 + 9^2$
15922 := $-0^0 - 1^7 - 2^9 - 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$
15923 := $0^7 + 1^9 - 2^8 + 3^1 + 4^6 + 5^3 + 6^5 + 7^0 + 8^4 + 9^2$
15924 := $-0^0 + 1^7 - 2^9 - 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$
15925 := $0^7 - 1^9 - 2^8 + 3^0 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$
15926 := $0^7 - 1^9 + 2^5 - 3^8 + 4^1 + 5^6 + 6^3 + 7^2 + 8^0 + 9^4$
15927 := $0^7 + 1^9 - 2^8 + 3^0 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$
15928 := $0^7 + 1^9 + 2^5 - 3^8 + 4^1 + 5^6 + 6^3 + 7^2 + 8^0 + 9^4$
15929 := $0^8 - 1^0 - 2^9 - 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^2 + 9^4$
15930 := $0^6 - 1^9 + 2^8 - 3^7 + 4^4 + 5^1 + 6^0 + 7^5 + 8^2 + 9^3$
15931 := $0^2 - 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$
15932 := $0^2 - 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3$
15933 := $0^2 - 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$
15934 := $0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3$
15935 := $0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$
15936 := $0^2 - 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
15937 := $0^2 - 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
15938 := $0^2 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
15939 := $0^2 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
15940 := $0^6 - 1^9 - 2^1 - 3^8 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$
15941 := $0^2 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0$
15942 := $0^2 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1$
15943 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0$
15944 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1$
15945 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3$
15946 := $0^6 + 1^9 + 2^1 - 3^8 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$
15947 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4$
15948 := $0^3 - 1^6 + 2^9 - 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2$
15949 := $0^7 - 1^9 - 2^8 - 3^5 + 4^4 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$
15950 := $0^7 - 1^8 + 2^9 + 3^6 + 4^1 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$
15951 := $0^1 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$
15952 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$
15953 := $0^1 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$
15954 := $0^7 - 1^8 + 2^9 + 3^6 + 4^0 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4$

15955 := $0^8 + 1^9 - 2^7 + 3^3 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^2$
15956 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4$
15957 := $0^8 + 1^9 - 2^7 + 3^3 + 4^6 + 5^0 + 6^5 + 7^1 + 8^4 + 9^2$
15958 := $-0^0 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
15959 := $0^7 - 1^0 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
15960 := $-0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
15961 := $0^7 + 1^0 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
15962 := $0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
15963 := $0^1 + 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^0$
15964 := $-0^0 + 1^9 + 2^7 - 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$
15965 := $0^9 + 1^0 + 2^7 - 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$
15966 := $0^0 + 1^9 + 2^7 - 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$
15967 := $0^8 + 1^9 - 2^7 - 3^2 + 4^6 + 5^3 + 6^5 + 7^0 + 8^4 + 9^1$
15968 := $0^1 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$
15969 := $0^9 - 1^0 + 2^6 - 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$
15970 := $0^1 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$
15971 := $0^9 + 1^0 + 2^6 - 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$
15972 := $0^0 + 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$
15973 := $0^2 + 1^8 + 2^6 + 3^9 - 4^7 + 5^0 + 6^5 + 7^1 + 8^4 + 9^3$
15974 := $0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
15975 := $0^2 - 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$
15976 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
15977 := $0^2 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$
15978 := $0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$
15979 := $0^6 - 1^7 + 2^8 - 3^9 + 4^2 + 5^1 + 6^3 + 7^4 + 8^5 + 9^0$
15980 := $-0^0 - 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
15981 := $0^8 - 1^0 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
15982 := $-0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
15983 := $0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
15984 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
15985 := $0^8 + 1^9 - 2^7 + 3^2 + 4^6 + 5^3 + 6^5 + 7^0 + 8^4 + 9^1$
15986 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3$
15987 := $0^9 + 1^0 - 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$
15988 := $0^0 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$
15989 := $0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$
15990 := $0^7 - 1^8 + 2^9 + 3^6 + 4^0 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$
15991 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$
15992 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$
15993 := $0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$
15994 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$
15995 := $0^8 - 1^0 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$
15996 := $-0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$
15997 := $0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$
15998 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$
15999 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
16000 := $-0^0 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4$

$$\begin{aligned}
 16001 &:= 0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3 & 16050 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3 & 16099 &:= 0^3 - 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^1 + 9^0 \\
 16002 &:= 0^0 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4 & 16051 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^1 + 7^2 + 8^4 + 9^3 & 16100 &:= -0^0 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4 \\
 16003 &:= 0^6 + 1^8 - 2^9 - 3^7 + 4^1 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2 & 16052 &:= 0^1 + 1^9 - 2^6 - 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3 & 16101 &:= 0^3 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^1 + 9^0 \\
 16004 &:= -0^0 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1 & 16053 &:= 0^8 - 1^9 - 2^7 + 3^0 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2 & 16102 &:= 0^0 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4 \\
 16005 &:= 0^7 - 1^0 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1 & 16054 &:= 0^5 + 1^6 - 2^9 - 3^8 + 4^7 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4 & 16103 &:= 0^8 + 1^9 + 2^7 - 3^3 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0 \\
 16006 &:= -0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1 & 16055 &:= 0^8 + 1^9 - 2^7 + 3^0 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2 & 16104 &:= 0^6 + 1^7 - 2^9 + 3^8 + 4^2 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4 \\
 16007 &:= 0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1 & 16056 &:= 0^5 + 1^6 - 2^9 - 3^8 + 4^7 + 5^3 + 6^0 + 7^2 + 8^1 + 9^4 & 16105 &:= 0^3 + 1^9 + 2^8 - 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2 \\
 16008 &:= 0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1 & 16057 &:= 0^8 + 1^9 + 2^7 - 3^5 + 4^4 + 5^6 + 6^3 + 7^0 + 8^2 + 9^1 & 16106 &:= 0^8 - 1^9 + 2^6 - 3^7 + 4^1 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3 \\
 16009 &:= 0^6 - 1^7 + 2^9 + 3^8 + 4^2 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0 & 16058 &:= 0^6 - 1^8 + 2^9 - 3^7 + 4^1 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2 & 16107 &:= 0^8 + 1^9 - 2^2 - 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^0 \\
 16010 &:= 0^6 + 1^7 - 2^9 + 3^8 + 4^0 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4 & 16059 &:= 0^5 + 1^8 - 2^9 - 3^6 + 4^7 + 5^4 + 6^3 + 7^0 + 8^2 + 9^1 & 16108 &:= 0^6 - 1^8 - 2^9 + 3^7 + 4^3 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4 \\
 16011 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0 & 16060 &:= 0^6 + 1^8 + 2^9 - 3^7 + 4^1 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2 & 16109 &:= 0^2 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0 \\
 16012 &:= -0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4 & 16061 &:= 0^3 + 1^9 - 2^8 - 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4 & 16110 &:= 0^6 + 1^8 - 2^9 + 3^7 + 4^3 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4 \\
 16013 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^4 + 6^5 + 7^0 + 8^3 + 9^1 & 16062 &:= 0^2 - 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4 & 16111 &:= 0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0 \\
 16014 &:= 0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2 & 16063 &:= 0^3 + 1^9 - 2^8 - 3^7 + 4^6 + 5^0 + 6^5 + 7^1 + 8^2 + 9^4 & 16112 &:= 0^8 - 1^9 + 2^5 - 3^7 + 4^2 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1 \\
 16015 &:= 0^1 + 1^8 + 2^6 + 3^9 - 4^7 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3 & 16064 &:= 0^2 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4 & 16113 &:= 0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^0 + 8^3 + 9^1 \\
 16016 &:= 0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2 & 16065 &:= 0^1 + 1^9 - 2^8 - 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0 & 16114 &:= 0^8 + 1^9 + 2^5 - 3^7 + 4^2 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1 \\
 16017 &:= 0^3 - 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0 & 16066 &:= 0^2 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4 & 16115 &:= 0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^0 + 6^5 + 7^1 + 8^3 + 9^4 \\
 16018 &:= 0^8 + 1^9 - 2^3 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4 & 16067 &:= 0^8 + 1^9 - 2^7 - 3^5 + 4^4 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0 & 16116 &:= 0^8 + 1^9 + 2^2 - 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1 \\
 16019 &:= 0^3 + 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0 & 16068 &:= 0^7 - 1^9 + 2^5 - 3^8 + 4^1 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4 & 16117 &:= 0^8 - 1^9 + 2^6 - 3^7 + 4^3 + 5^0 + 6^4 + 7^5 + 8^2 + 9^1 \\
 16020 &:= 0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4 & 16069 &:= 0^7 - 1^9 - 2^8 + 3^2 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0 & 16118 &:= 0^6 - 1^7 - 2^9 + 3^8 + 4^1 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4 \\
 16021 &:= 0^7 - 1^0 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2 & 16070 &:= 0^7 + 1^9 + 2^5 - 3^8 + 4^1 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4 & 16119 &:= 0^7 - 1^8 + 2^9 + 3^6 + 4^1 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4 \\
 16022 &:= 0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4 & 16071 &:= 0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2 & 16120 &:= 0^6 + 1^7 - 2^9 + 3^8 + 4^1 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4 \\
 16023 &:= 0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2 & 16072 &:= 0^7 + 1^9 + 2^5 - 3^8 + 4^0 + 5^6 + 6^1 + 7^3 + 8^2 + 9^4 & 16121 &:= 0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4 \\
 16024 &:= 0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2 & 16073 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2 & 16122 &:= 0^7 - 1^8 + 2^9 + 3^6 + 4^0 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4 \\
 16025 &:= 0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3 & 16074 &:= 0^6 - 1^7 + 2^9 + 3^8 + 4^0 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2 & 16123 &:= 0^8 - 1^9 + 2^7 - 3^3 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0 \\
 16026 &:= 0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3 & 16075 &:= 0^7 + 1^9 - 2^8 + 3^2 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1 & 16124 &:= 0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4 \\
 16027 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3 & 16076 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2 & 16125 &:= 0^3 - 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0 \\
 16028 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3 & 16077 &:= 0^7 - 1^0 + 2^9 - 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2 & 16126 &:= -0^0 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4 \\
 16029 &:= 0^1 + 1^7 + 2^9 - 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0 & 16078 &:= -0^0 + 1^7 + 2^9 - 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2 & 16127 &:= 0^3 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0 \\
 16030 &:= 0^7 + 1^8 - 2^9 + 3^5 + 4^4 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1 & 16079 &:= 0^7 + 1^0 + 2^9 - 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2 & 16128 &:= 0^0 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4 \\
 16031 &:= 0^8 - 1^9 - 2^3 + 3^7 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4 & 16080 &:= 0^0 + 1^7 + 2^9 - 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2 & 16129 &:= 0^8 + 1^9 + 2^7 - 3^3 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1 \\
 16032 &:= 0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4 & 16081 &:= 0^2 - 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0 & 16130 &:= 0^3 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1 \\
 16033 &:= 0^8 + 1^9 - 2^3 + 3^7 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4 & 16082 &:= 0^2 - 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1 & 16131 &:= 0^8 + 1^9 + 2^6 - 3^7 + 4^2 + 5^3 + 6^4 + 7^5 + 8^1 + 9^0 \\
 16034 &:= 0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4 & 16083 &:= 0^2 + 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0 & 16132 &:= 0^6 + 1^8 - 2^9 + 3^7 + 4^3 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4 \\
 16035 &:= 0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3 & 16084 &:= 0^2 + 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1 & 16133 &:= 0^6 - 1^8 - 2^9 + 3^7 + 4^3 + 5^0 + 6^5 + 7^2 + 8^1 + 9^4 \\
 16036 &:= 0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4 & 16085 &:= 0^7 + 1^9 - 2^8 + 3^1 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0 & 16134 &:= 0^4 + 1^8 - 2^9 + 3^1 - 4^7 + 5^6 + 6^0 + 7^5 + 8^3 + 9^2 \\
 16037 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3 & 16086 &:= 0^2 - 1^6 + 2^9 - 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1 & 16135 &:= 0^6 + 1^8 - 2^9 + 3^7 + 4^3 + 5^0 + 6^5 + 7^2 + 8^1 + 9^4 \\
 16038 &:= 0^0 + 1^7 + 2^9 - 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1 & 16087 &:= 0^2 + 1^6 + 2^9 - 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0 & 16136 &:= 0^5 - 1^9 + 2^7 - 3^8 + 4^1 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4 \\
 16039 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^2 + 7^1 + 8^4 + 9^3 & 16088 &:= 0^2 + 1^6 + 2^9 - 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1 & 16137 &:= 0^1 - 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0 \\
 16040 &:= 0^6 + 1^9 + 2^8 - 3^7 + 4^2 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1 & 16089 &:= 0^7 - 1^9 - 2^8 + 3^0 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1 & 16138 &:= 0^5 + 1^9 + 2^7 - 3^8 + 4^1 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4 \\
 16041 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0 & 16090 &:= 0^6 + 1^9 + 2^2 - 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3 & 16139 &:= 0^1 + 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0 \\
 16042 &:= 0^7 - 1^8 - 2^9 + 3^5 + 4^4 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2 & 16091 &:= 0^7 + 1^9 - 2^8 + 3^0 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1 & 16140 &:= 0^5 - 1^9 + 2^7 - 3^8 + 4^0 + 5^6 + 6^2 + 7^3 + 8^1 + 9^4 \\
 16043 &:= 0^6 + 1^8 + 2^9 - 3^7 + 4^1 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0 & 16092 &:= 0^1 - 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4 & 16141 &:= 0^7 + 1^9 - 2^8 + 3^1 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2 \\
 16044 &:= 0^6 - 1^7 + 2^9 + 3^8 + 4^0 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1 & 16093 &:= 0^8 + 1^9 - 2^5 - 3^7 + 4^1 + 5^6 + 6^3 + 7^4 + 8^2 + 9^0 & 16142 &:= 0^3 - 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2 \\
 16045 &:= 0^5 + 1^8 + 2^9 - 3^7 + 4^1 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3 & 16094 &:= 0^1 + 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4 & 16143 &:= 0^7 - 1^8 + 2^9 + 3^6 + 4^1 + 5^0 + 6^5 + 7^2 + 8^3 + 9^4 \\
 16046 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1 & 16095 &:= 0^1 - 1^9 - 2^8 - 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2 & 16144 &:= 0^7 - 1^8 + 2^9 + 3^6 + 4^0 + 5^1 + 6^5 + 7^2 + 8^3 + 9^4 \\
 16047 &:= 0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4 & 16096 &:= 0^5 - 1^8 - 2^9 - 3^7 + 4^1 + 5^6 + 6^2 + 7^4 + 8^0 + 9^3 & 16145 &:= 0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^0 + 6^5 + 7^2 + 8^3 + 9^4 \\
 16048 &:= 0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3 & 16097 &:= 0^1 + 1^9 - 2^8 - 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2 & 16146 &:= 0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^1 + 6^5 + 7^2 + 8^3 + 9^4 \\
 16049 &:= 0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4 & 16098 &:= -0^0 - 1^9 - 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4 & 16147 &:= 0^6 + 1^8 - 2^9 + 3^7 + 4^3 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4
 \end{aligned}$$

16148 := $0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^2 + 9^4$
16149 := $0^6 + 1^8 - 2^9 + 3^7 + 4^3 + 5^0 + 6^5 + 7^1 + 8^2 + 9^4$
16150 := $0^6 + 1^7 - 2^9 + 3^8 + 4^0 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$
16151 := $0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0$
16152 := $0^0 + 1^6 + 2^9 - 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
16153 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0$
16154 := $0^1 - 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$
16155 := $0^8 - 1^9 + 2^7 + 3^3 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$
16156 := $0^1 + 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$
16157 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$
16158 := $-0^0 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
16159 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^2 + 6^5 + 7^0 + 8^4 + 9^1$
16160 := $-0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
16161 := $0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
16162 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
16163 := $0^6 + 1^8 - 2^9 + 3^7 + 4^2 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$
16164 := $0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$
16165 := $0^7 + 1^9 + 2^2 - 3^8 + 4^6 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1$
16166 := $0^5 + 1^9 + 2^7 - 3^8 + 4^1 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4$
16167 := $0^7 - 1^8 - 2^9 + 3^5 + 4^4 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0$
16168 := $0^0 + 1^6 + 2^9 - 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$
16169 := $0^7 + 1^8 - 2^9 + 3^5 + 4^4 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0$
16170 := $0^7 + 1^9 + 2^8 - 3^5 + 4^4 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1$
16171 := $0^7 + 1^8 - 2^9 + 3^5 + 4^4 + 5^6 + 6^2 + 7^0 + 8^3 + 9^1$
16172 := $0^7 - 1^9 - 2^8 + 3^5 + 4^4 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$
16173 := $0^7 - 1^9 - 2^8 + 3^5 + 4^4 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$
16174 := $0^7 + 1^9 - 2^8 + 3^5 + 4^4 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$
16175 := $0^7 + 1^9 - 2^8 + 3^5 + 4^4 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$
16176 := $0^8 + 1^9 + 2^0 - 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$
16177 := $0^8 - 1^9 + 2^7 + 3^3 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$
16178 := $0^8 + 1^9 + 2^5 - 3^7 + 4^0 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2$
16179 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$
16180 := $0^1 + 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3$
16181 := $0^8 - 1^9 + 2^7 + 3^3 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
16182 := $0^7 - 1^8 - 2^9 + 3^5 + 4^4 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$
16183 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
16184 := $0^7 + 1^8 - 2^9 + 3^5 + 4^4 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$
16185 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2$
16186 := $0^3 + 1^7 + 2^9 - 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^0 + 9^1$
16187 := $0^9 + 1^0 + 2^6 - 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$
16188 := $-0^0 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$
16189 := $0^7 - 1^0 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$
16190 := $-0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$
16191 := $0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$
16192 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$
16193 := $0^7 + 1^9 + 2^5 - 3^8 + 4^2 + 5^6 + 6^1 + 7^0 + 8^3 + 9^4$
16194 := $0^2 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1$
16195 := $0^6 + 1^9 - 2^8 - 3^7 + 4^2 + 5^1 + 6^4 + 7^5 + 8^3 + 9^0$
16196 := $0^8 - 1^9 + 2^2 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
16197 := $0^8 - 1^9 + 2^2 + 3^7 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
16198 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
16199 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
16200 := $0^7 + 1^9 + 2^8 - 3^5 + 4^4 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$
16201 := $0^7 + 1^8 - 2^9 + 3^2 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3$
16202 := $0^5 + 1^8 - 2^9 - 3^6 + 4^7 + 5^4 + 6^0 + 7^3 + 8^1 + 9^2$
16203 := $0^7 + 1^8 - 2^9 + 3^2 + 4^6 + 5^0 + 6^5 + 7^1 + 8^4 + 9^3$
16204 := $0^5 - 1^9 + 2^8 - 3^7 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
16205 := $0^6 - 1^8 - 2^9 + 3^7 + 4^1 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$
16206 := $0^5 + 1^9 + 2^8 - 3^7 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
16207 := $0^6 + 1^8 - 2^9 + 3^7 + 4^1 + 5^3 + 6^5 + 7^0 +$

16295 := $0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$
16296 := $0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$
16297 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$
16298 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$
16299 := $0^8 - 1^9 + 2^7 - 3^1 + 4^6 + 5^3 + 6^5 + 7^0 + 8^4 + 9^2$
16300 := $0^7 + 1^9 - 2^8 + 3^5 + 4^4 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$
16301 := $0^8 - 1^9 - 2^7 + 3^5 + 4^4 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$
16302 := $0^6 + 1^7 - 2^9 + 3^8 + 4^1 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$
16303 := $0^8 + 1^9 - 2^7 + 3^5 + 4^4 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$
16304 := $0^6 + 1^7 - 2^9 + 3^8 + 4^0 + 5^5 + 6^1 + 7^2 + 8^3 + 9^4$
16305 := $0^7 - 1^9 + 2^8 + 3^3 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$
16306 := $0^7 + 1^9 - 2^6 + 3^8 + 4^3 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4$
16307 := $0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$
16308 := $0^5 - 1^9 + 2^7 - 3^8 + 4^0 + 5^6 + 6^2 + 7^1 + 8^3 + 9^4$
16309 := $0^7 - 1^9 + 2^8 + 3^3 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
16310 := $0^5 + 1^9 + 2^7 - 3^8 + 4^0 + 5^6 + 6^2 + 7^1 + 8^3 + 9^4$
16311 := $0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
16312 := $0^7 + 1^8 + 2^6 - 3^9 + 4^0 + 5^2 + 6^1 + 7^4 + 8^5 + 9^3$
16313 := $0^8 + 1^9 + 2^3 - 3^7 + 4^6 + 5^0 + 6^5 + 7^2 + 8^1 + 9^4$
16314 := $0^8 - 1^9 - 2^2 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$
16315 := $0^5 + 1^9 - 2^8 - 3^6 + 4^7 + 5^4 + 6^3 + 7^0 + 8^2 + 9^1$
16316 := $0^8 + 1^9 - 2^2 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$
16317 := $0^7 - 1^9 - 2^6 + 3^8 + 4^3 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$
16318 := $0^8 + 1^9 - 2^2 + 3^7 + 4^6 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4$
16319 := $0^7 + 1^9 - 2^6 + 3^8 + 4^3 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$
16320 := $0^7 + 1^9 - 2^6 + 3^8 + 4^3 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$
16321 := $0^7 + 1^8 + 2^6 - 3^9 + 4^1 + 5^0 + 6^2 + 7^4 + 8^5 + 9^3$
16322 := $0^8 - 1^9 + 2^2 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$
16323 := $0^6 - 1^7 - 2^9 + 3^8 + 4^3 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0$
16324 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$
16325 := $0^6 + 1^7 - 2^9 + 3^8 + 4^3 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0$
16326 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4$
16327 := $0^2 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3$
16328 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3$
16329 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3$
16330 := $0^3 + 1^8 + 2^9 - 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$
16331 := $0^5 + 1^9 - 2^8 - 3^6 + 4^7 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2$
16332 := $0^7 + 1^8 - 2^9 - 3^4 + 4^5 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1$
16333 := $0^8 - 1^9 + 2^7 - 3^5 + 4^4 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$
16334 := $0^5 - 1^9 - 2^8 - 3^7 + 4^2 + 5^6 + 6^1 + 7^4 + 8^0 + 9^3$
16335 := $0^1 - 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$
16336 := $0^5 - 1^9 + 2^8 - 3^7 + 4^2 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1$
16337 := $0^7 - 1^9 + 2^8 + 3^3 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^2$
16338 := $0^2 - 1^9 - 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$
16339 := $0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^2$
16340 := $0^2 + 1^9 - 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$
16341 := $0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^0 + 6^5 + 7^1 + 8^4 + 9^2$
16342 := $-0^0 - 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
16343 := $0^9 - 1^0 - 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
16344 := $-0^0 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
16345 := $0^9 + 1^0 - 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
16346 := $0^0 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
16347 := $0^7 - 1^0 + 2^9 - 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$
16348 := $0^8 + 1^9 - 2^1 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
16349 := $0^7 + 1^0 + 2^9 - 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$
16350 := $0^8 - 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
16351 := $0^7 + 1^9 + 2^8 - 3^2 + 4^6 + 5^3 + 6^5 + 7^0 + 8^4 + 9^1$
16352 := $0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
16353 := $0^8 - 1^9 + 2^1 - 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$
16354 := $0^1 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 +$

16442 := $0^6 + 1^7 - 2^9 + 3^8 + 4^0 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$	16491 := $0^8 - 1^9 + 2^2 + 3^7 + 4^6 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$	16540 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4$
16443 := $0^7 - 1^0 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$	16492 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$	16541 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$
16444 := $-0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$	16493 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$	16542 := $0^3 - 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2$
16445 := $0^7 - 1^9 + 2^6 + 3^8 + 4^3 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$	16494 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$	16543 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^2 + 6^5 + 7^0 + 8^4 + 9^1$
16446 := $0^7 - 1^9 + 2^6 + 3^8 + 4^3 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$	16495 := $0^7 + 1^9 - 2^8 + 3^1 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$	16544 := $-0^0 - 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2$
16447 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$	16496 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$	16545 := $0^6 - 1^8 - 2^9 + 3^7 + 4^2 + 5^1 + 6^5 + 7^0 + 8^3 + 9^4$
16448 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$	16497 := $0^9 - 1^0 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$	16546 := $-0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2$
16449 := $0^2 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$	16498 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4$	16547 := $0^6 + 1^8 - 2^9 + 3^7 + 4^2 + 5^1 + 6^5 + 7^0 + 8^3 + 9^4$
16450 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$	16499 := $0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$	16548 := $0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2$
16451 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$	16500 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$	16549 := $0^6 + 1^8 - 2^9 + 3^7 + 4^2 + 5^0 + 6^5 + 7^1 + 8^3 + 9^4$
16452 := $0^6 + 1^9 - 2^8 + 3^7 + 4^0 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$	16501 := $0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0$	16550 := $0^7 - 1^9 + 2^6 + 3^8 + 4^2 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
16453 := $0^8 - 1^9 + 2^7 + 3^2 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$	16502 := $0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1$	16551 := $0^3 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$
16454 := $0^7 + 1^9 - 2^6 + 3^8 + 4^1 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$	16503 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0$	16552 := $0^7 + 1^9 + 2^6 + 3^8 + 4^2 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
16455 := $0^8 + 1^9 + 2^7 + 3^2 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$	16504 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1$	16553 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$
16456 := $0^7 - 1^9 - 2^6 + 3^8 + 4^0 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$	16505 := $0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$	16554 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$
16457 := $0^8 - 1^9 + 2^7 + 3^2 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$	16506 := $0^6 - 1^9 - 2^7 + 3^8 + 4^0 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$	16555 := $0^6 + 1^8 - 2^9 + 3^7 + 4^1 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4$
16458 := $0^7 + 1^9 - 2^6 + 3^8 + 4^0 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$	16507 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$	16556 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2$
16459 := $0^8 + 1^9 + 2^7 + 3^2 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$	16508 := $0^6 + 1^9 - 2^7 + 3^8 + 4^0 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$	16557 := $0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2$
16460 := $-0^0 + 1^6 + 2^9 - 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2$	16509 := $0^6 - 1^9 + 2^7 + 3^8 + 4^3 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$	16558 := $0^8 + 1^9 + 2^7 + 3^5 + 4^4 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$
16461 := $0^6 - 1^9 - 2^8 + 3^7 + 4^1 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$	16510 := $0^6 - 1^9 + 2^7 + 3^8 + 4^3 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$	16559 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2$
16462 := $0^0 + 1^6 + 2^9 - 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2$	16511 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$	16560 := $0^8 + 1^9 + 2^0 - 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^2 + 9^3$
16463 := $0^6 + 1^9 - 2^8 + 3^7 + 4^1 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$	16512 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$	16561 := $0^7 - 1^8 + 2^9 + 3^3 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$
16464 := $0^1 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$	16513 := $0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4$	16562 := $-0^0 - 1^9 + 2^7 - 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$
16465 := $0^7 - 1^9 + 2^1 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$	16514 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4$	16563 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$
16466 := $0^1 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$	16515 := $0^8 - 1^9 - 2^1 + 3^7 + 4^6 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$	16564 := $-0^0 + 1^9 + 2^7 - 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$
16467 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$	16516 := $0^1 - 1^7 - 2^9 - 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4$	16565 := $0^7 - 1^8 + 2^9 + 3^3 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
16468 := $0^7 - 1^9 - 2^8 + 3^5 + 4^4 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$	16517 := $0^8 + 1^9 - 2^1 + 3^7 + 4^6 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$	16566 := $0^7 - 1^9 - 2^6 + 3^8 + 4^1 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
16469 := $0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0$	16518 := $0^5 - 1^8 + 2^3 - 3^9 + 4^7 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2$	16567 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
16470 := $0^7 + 1^9 - 2^8 + 3^5 + 4^4 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$	16519 := $0^8 - 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$	16568 := $0^7 + 1^9 - 2^6 + 3^8 + 4^1 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
16471 := $0^2 + 1^8 - 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^3 + 9^1$	16520 := $0^5 + 1^8 + 2^3 - 3^9 + 4^7 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2$	16569 := $0^7 + 1^9 + 2^8 - 3^2 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$
16472 := $0^7 - 1^9 + 2^0 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$	16521 := $0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$	16570 := $0^7 - 1^9 - 2^6 + 3^8 + 4^0 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$
16473 := $0^8 - 1^9 + 2^7 + 3^0 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$	16522 := $0^7 - 1^8 - 2^9 + 3^4 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$	16571 := $0^3 - 1^9 + 2^8 - 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4$
16474 := $0^7 + 1^9 + 2^0 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$	16523 := $0^8 - 1^9 + 2^7 + 3^1 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$	16572 := $0^7 + 1^9 - 2^6 + 3^8 + 4^0 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$
16475 := $0^8 + 1^9 + 2^7 + 3^0 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$	16524 := $0^3 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$	16573 := $0^2 - 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$
16476 := $0^0 + 1^7 + 2^2 + 3^8 - 4^9 + 5^5 + 6^3 + 7^1 + 8^6 + 9^4$	16525 := $0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$	16574 := $0^2 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$
16477 := $0^5 + 1^8 + 2^3 - 3^9 + 4^7 + 5^6 + 6^2 + 7^0 + 8^4 + 9^1$	16526 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$	16575 := $0^2 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$
16478 := $0^7 - 1^9 - 2^1 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$	16527 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$	16576 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$
16479 := $0^3 + 1^8 - 2^5 - 3^9 + 4^7 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$	16528 := $0^8 + 1^9 + 2^7 + 3^5 + 4^4 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1$	16577 := $0^6 - 1^8 - 2^9 + 3^7 + 4^1 + 5^0 + 6^5 + 7^2 + 8^3 + 9^4$
16480 := $0^7 + 1^9 - 2^1 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$	16529 := $0^9 + 1^0 + 2^7 - 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3$	16578 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4$
16481 := $0^4 - 1^7 - 2^9 - 3^8 + 4^3 + 5^6 + 6^5 + 7^0 + 8^1 + 9^2$	16530 := $0^8 + 1^9 - 2^1 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$	16579 := $0^6 + 1^8 - 2^9 + 3^7 + 4^1 + 5^0 + 6^5 + 7^2 + 8^3 + 9^4$
16482 := $0^6 - 1^9 + 2^7 + 3^8 + 4^3 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$	16531 := $0^9 + 1^0 + 2^7 + 3^3 - 4^8 + 5^1 + 6^6 + 7^4 + 8^5 + 9^2$	16580 := $0^7 - 1^9 + 2^6 + 3^8 + 4^1 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
16483 := $0^6 - 1^9 + 2^7 + 3^8 + 4^3 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$	16532 := $0^8 - 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$	16581 := $0^7 - 1^9 + 2^8 + 3^2 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$
16484 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$	16533 := $0^2 - 1^9 + 2^8 - 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$	16582 := $0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
16485 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$	16534 := $0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$	16583 := $0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$
16486 := $0^6 + 1^9 - 2^7 + 3^8 + 4^2 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$	16535 := $0^2 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$	16584 := $0^7 - 1^9 + 2^6 + 3^8 + 4^0 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$
16487 := $0^1 + 1^8 - 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0$	16536 := $0^2 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$	16585 := $0^7 - 1^9 + 2^8 + 3^2 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$
16488 := $0^7 - 1^9 + 2^0 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$	16537 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$	16586 := $0^7 + 1^9 + 2^6 + 3^8 + 4^0 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$
16489 := $0^7 + 1^8 + 2^9 - 3^3 + 4^6 + 5^2 + 6^5 + 7^0 + 8^4 + 9^1$	16538 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$	16587 := $0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$
16490 := $0^7 + 1^9 + 2^0 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$	16539 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$	16588 := $0^8 + 1^9 + 2^5 - 3^6 + 4^7 + 5^4 + 6^3 + 7^2 + 8^0 + 9^1$

16589 := $0^8 - 1^9 - 2^2 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$
16590 := $0^8 - 1^9 - 2^2 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$
16591 := $0^1 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$
16592 := $0^8 + 1^9 - 2^2 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$
16593 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$
16594 := $0^7 - 1^9 - 2^6 + 3^8 + 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
16595 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^2$
16596 := $0^7 + 1^9 - 2^6 + 3^8 + 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
16597 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^0 + 6^5 + 7^1 + 8^4 + 9^2$
16598 := $0^7 - 1^9 + 2^6 + 3^8 + 4^0 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4$
16599 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$
16600 := $0^7 + 1^9 + 2^6 + 3^8 + 4^0 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4$
16601 := $0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
16602 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
16603 := $0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$
16604 := $0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
16605 := $0^1 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^3 + 9^0$
16606 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
16607 := $0^7 + 1^8 - 2^9 + 3^4 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0$
16608 := $0^1 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$
16609 := $0^8 - 1^9 - 2^6 + 3^7 + 4^2 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$
16610 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$
16611 := $0^9 - 1^0 + 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$
16612 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$
16613 := $0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$
16614 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$
16615 := $0^6 - 1^9 + 2^7 + 3^8 + 4^2 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
16616 := $0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
16617 := $0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
16618 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$
16619 := $0^5 + 1^9 + 2^6 - 3^8 + 4^7 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$
16620 := $0^3 - 1^6 - 2^9 - 3^8 + 4^7 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$
16621 := $0^7 - 1^8 + 2^9 + 3^2 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$
16622 := $0^2 - 1^8 + 2^9 - 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$
16623 := $0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$
16624 := $0^2 + 1^8 + 2^9 - 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$
16625 := $0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^3 + 6^5 + 7^0 + 8^4 + 9^1$
16626 := $0^8 + 1^9 + 2^5 - 3^7 + 4^2 + 5^6 + 6^0 + 7^4 + 8^1 + 9^3$
16627 := $0^6 + 1^9 - 2^5 - 3^8 + 4^7 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4$
16628 := $0^1 + 1^6 + 2^9 - 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3$
16629 := $0^5 - 1^9 + 2^8 - 3^7 + 4^2 + 5^6 + 6^1 + 7^4 + 8^3 + 9^0$
16630 := $0^5 + 1^9 + 2^6 - 3^8 + 4^7 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4$
16631 := $0^7 - 1^8 - 2^9 + 3^4 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0$
16632 := $0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
16633 := $0^7 + 1^8 - 2^9 + 3^4 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0$
16634 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
16635 := $0^6 - 1^9 - 2^8 + 3^7 + 4^2 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4$
16636 := $-0^0 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$
16637 := $0^9 - 1^0 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$
16638 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$
16639 := $0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$
16640 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$
16641 := $0^8 + 1^9 + 2^7 + 3^5 + 4^4 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0$
16642 := $0^8 + 1^9 + 2^7 + 3^5 + 4^4 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1$
16643 := $0^7 + 1^9 - 2^8 + 3^5 + 4^4 + 5^6 + 6^2 + 7^0 + 8^1 + 9^3$
16644 := $0^6 - 1^9 + 2^7 + 3^8 + 4^1 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
16645 := $0^5 + 1^9 + 2^6 - 3^8 + 4^7 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$
16646 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
16647 := $0^8 - 1^9 - 2^1 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
16648 := $0^6 - 1^9 + 2^7 + 3^8 + 4^0 + 5^5 + 6^3 + 7^2 +$

$16732 := 0^8 - 1^9 + 2^6 + 3^7 + 4^2 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4$
 $16737 := 0^8 - 1^9 + 2^6 + 3^7 + 4^2 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$
 $16738 := 0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4$
 $16739 := 0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$
 $16740 := 0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^0 + 9^1$
 $16741 := 0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^1 + 9^0$
 $16742 := 0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^0 + 9^1$
 $16743 := 0^2 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$
 $16744 := 0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4$
 $16745 := 0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$
 $16746 := 0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$
 $16747 := 0^8 + 1^0 - 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$
 $16748 := 0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
 $16749 := 0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0$
 $16750 := 0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1$
 $16751 := 0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0$
 $16752 := 0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1$
 $16753 := 0^8 - 1^0 + 2^9 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$
 $16754 := -0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$
 $16755 := 0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$
 $16756 := 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$
 $16757 := 0^8 - 1^0 + 2^5 - 3^9 + 4^7 + 5^6 + 6^3 + 7^1 + 8^4 + 9^2$
 $16758 := 0^6 - 1^9 + 2^7 + 3^8 + 4^1 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
 $16759 := 0^6 - 1^7 - 2^9 + 3^8 + 4^2 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$
 $16760 := 0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
 $16761 := 0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$
 $16762 := 0^6 - 1^9 + 2^7 + 3^8 + 4^0 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$
 $16763 := 0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$
 $16764 := 0^6 + 1^9 + 2^7 + 3^8 + 4^0 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$
 $16765 := 0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$
 $16766 := 0^8 - 1^9 + 2^6 + 3^7 + 4^1 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$
 $16767 := 0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$
 $16768 := 0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$
 $16769 := 0^7 + 1^9 + 2^8 + 3^5 + 4^4 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0$
 $16770 := 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4$
 $16771 := 0^8 + 1^9 - 2^7 + 3^5 + 4^4 + 5^6 + 6^2 + 7^0 + 8^1 + 9^3$
 $16772 := 0^8 + 1^9 + 2^6 + 3^7 + 4^0 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$
 $16773 := 0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$
 $16774 := 0^6 + 1^7 - 2^9 + 3^8 + 4^0 + 5^2 + 6^5 + 7^4 + 8^3 + 9^1$
 $16775 := 0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$
 $16776 := 0^7 + 1^8 - 2^9 + 3^5 + 4^3 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$
 $16777 := 0^7 + 1^8 - 2^9 + 3^4 + 4^5 + 5^6 + 6^2 + 7^0 + 8^3 + 9^1$
 $16778 := 0^7 - 1^9 + 2^1 + 3^8 + 4^6 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$
 $16779 := 0^9 - 1^0 + 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$
 $16780 := 0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$
 $16781 := 0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$
 $16782 := 0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$
 $16783 := 0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$
 $16784 := 0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2$
 $16785 := 0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$
 $16786 := 0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^4 + 8^1 + 9^2$
 $16787 := 0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$
 $16788 := 0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$
 $16789 := 0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^2 + 9^1$
 $16790 := 0^6 + 1^9 + 2^7 + 3^8 + 4^0 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$
 $16791 := 0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^2 + 9^1$
 $16792 := -0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^3 + 9^4$
 $16793 := 0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^3 + 9^4$
 $16794 := 0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^3 + 9^4$
 $16795 := 0^7 + 1^9 + 2^8 + 3^5 + 4^4 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0$
 $16796 := 0^7 - 1^9 + 2^8 + 3^5 + 4^4 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$
 $16797 := 0^8 + 1^9 - 2^7 + 3^5 + 4^4 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$
 $16798 := 0^7 + 1^9 + 2^8 + 3^5 + 4^4 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$
 $16799 := 0^1 + 1^9 - 2^8 + 3^7 + 4^6 +$

16883 := $0^8 + 1^0 + 2^5 - 3^9 + 4^7 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$
16884 := $0^7 - 1^9 - 2^6 + 3^8 + 4^1 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$
16885 := $0^8 + 1^0 + 2^5 - 3^9 + 4^7 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$
16886 := $0^7 + 1^9 - 2^6 + 3^8 + 4^1 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$
16887 := $0^7 - 1^9 - 2^8 + 3^4 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0$
16888 := $0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
16889 := $0^7 + 1^9 - 2^8 + 3^4 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0$
16890 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
16891 := $0^8 + 1^9 - 2^7 + 3^4 + 4^5 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$
16892 := $-0^0 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$
16893 := $0^6 - 1^7 + 2^9 + 3^8 + 4^3 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$
16894 := $-0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$
16895 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$
16896 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$
16897 := $0^7 + 1^9 + 2^8 - 3^6 + 4^4 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$
16898 := $0^6 - 1^9 + 2^8 + 3^7 + 4^3 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$
16899 := $0^7 - 1^9 + 2^6 + 3^8 + 4^3 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0$
16900 := $0^6 + 1^9 + 2^8 + 3^7 + 4^3 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$
16901 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0$
16902 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1$
16903 := $0^6 + 1^9 + 2^8 + 3^7 + 4^3 + 5^0 + 6^5 + 7^2 + 8^1 + 9^4$
16904 := $0^1 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$
16905 := $0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
16906 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$
16907 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
16908 := $-0^0 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2$
16909 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$
16910 := $-0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2$
16911 := $0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$
16912 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2$
16913 := $0^6 - 1^9 + 2^8 + 3^7 + 4^3 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4$
16914 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$
16915 := $0^6 + 1^9 + 2^8 + 3^7 + 4^3 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4$
16916 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$
16917 := $0^6 + 1^9 + 2^8 + 3^7 + 4^3 + 5^0 + 6^5 + 7^1 + 8^2 + 9^4$
16918 := $0^7 + 1^9 - 2^2 + 3^8 + 4^6 + 5^5 + 6^0 + 7^4 + 8^1 + 9^3$
16919 := $0^2 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$
16920 := $0^2 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$
16921 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$
16922 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$
16923 := $0^7 - 1^8 + 2^9 + 3^5 + 4^4 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$
16924 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$
16925 := $0^7 + 1^8 + 2^9 + 3^5 + 4^4 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$
16926 := $0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^5 + 6^0 + 7^4 + 8^1 + 9^3$
16927 := $0^7 + 1^8 + 2^9 + 3^5 + 4^4 + 5^6 + 6^3 + 7^0 + 8^2 + 9^1$
16928 := $0^6 - 1^9 + 2^8 + 3^7 + 4^2 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4$
16929 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$
16930 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4$
16931 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$
16932 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$
16933 := $0^7 + 1^9 + 2^1 - 3^8 + 4^5 + 5^6 + 6^3 + 7^0 + 8^2 + 9^4$
16934 := $0^1 + 1^8 + 2^9 - 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$
16935 := $0^7 - 1^9 + 2^6 + 3^8 + 4^3 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$
16936 := $0^6 + 1^9 + 2^8 - 3^7 + 4^0 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3$
16937 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$
16938 := $0^2 - 1^9 - 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$
16939 := $0^7 + 1^9 + 2^8 + 3^5 + 4^4 + 5^6 + 6^2 + 7^0 + 8^3 + 9^1$
16940 := $0^6 - 1^9 + 2^7 + 3^8 + 4^1 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$
16941 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^0 + 6^5 + 7^4 + 8^2 + 9^1$
16942 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^5 + 6^0 + 7^2 +$

17030 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$	17079 := $0^5 - 1^8 + 2^9 - 3^6 + 4^7 + 5^4 + 6^3 + 7^1 + 8^2 + 9^0$	17128 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4$
17031 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$	17080 := $0^6 - 1^9 + 2^7 + 3^8 + 4^0 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$	17129 := $0^8 - 1^9 + 2^6 + 3^7 + 4^1 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4$
17032 := $0^6 - 1^7 + 2^9 + 3^8 + 4^0 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$	17081 := $0^5 + 1^8 + 2^9 - 3^6 + 4^7 + 5^4 + 6^3 + 7^1 + 8^2 + 9^0$	17130 := $0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$
17033 := $0^7 + 1^9 - 2^8 + 3^4 + 4^5 + 5^6 + 6^2 + 7^0 + 8^3 + 9^1$	17082 := $0^6 + 1^9 + 2^7 + 3^8 + 4^0 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$	17131 := $0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4$
17034 := $0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$	17083 := $0^9 - 1^0 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$	17132 := $0^6 - 1^8 + 2^9 + 3^7 + 4^3 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4$
17035 := $0^8 - 1^0 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$	17084 := $-0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$	17133 := $0^8 + 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^3 + 7^2 + 8^1 + 9^0$
17036 := $-0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$	17085 := $0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$	17134 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4$
17037 := $0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$	17086 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$	17135 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^2 + 6^5 + 7^0 + 8^1 + 9^4$
17038 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$	17087 := $0^8 + 1^9 + 2^5 - 3^6 + 4^7 + 5^4 + 6^2 + 7^0 + 8^1 + 9^3$	17136 := $0^0 + 1^8 + 2^9 - 3^7 + 4^6 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4$
17039 := $0^1 - 1^9 + 2^8 - 3^7 + 4^6 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4$	17088 := $0^7 + 1^8 + 2^0 - 3^9 + 4^2 + 5^6 + 6^3 + 7^5 + 8^4 + 9^1$	17137 := $0^5 + 1^9 + 2^8 - 3^6 + 4^7 + 5^4 + 6^1 + 7^0 + 8^3 + 9^2$
17040 := $0^8 + 1^9 + 2^7 + 3^5 + 4^4 + 5^6 + 6^0 + 7^2 + 8^1 + 9^3$	17089 := $0^7 + 1^9 + 2^8 - 3^5 + 4^3 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$	17138 := $0^5 + 1^9 + 2^8 - 3^6 + 4^7 + 5^4 + 6^0 + 7^1 + 8^3 + 9^2$
17041 := $0^3 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$	17090 := $0^5 - 1^7 - 2^9 + 3^8 + 4^6 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$	17139 := $0^6 - 1^9 + 2^3 - 3^8 + 4^7 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$
17042 := $0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$	17091 := $0^4 + 1^9 + 2^7 - 3^8 + 4^3 + 5^6 + 6^5 + 7^2 + 8^1 + 9^0$	17140 := $0^6 - 1^9 + 2^3 - 3^8 + 4^7 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$
17043 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$	17092 := $0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$	17141 := $0^6 + 1^9 + 2^3 - 3^8 + 4^7 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$
17044 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$	17093 := $0^5 - 1^7 - 2^9 + 3^8 + 4^6 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4$	17142 := $0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
17045 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$	17094 := $0^5 + 1^6 + 2^9 - 3^8 + 4^7 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$	17143 := $0^6 - 1^9 - 2^7 + 3^8 + 4^2 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$
17046 := $0^2 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3$	17095 := $0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4$	17144 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
17047 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^2 + 9^1$	17096 := $0^5 - 1^8 + 2^9 - 3^6 + 4^7 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$	17145 := $0^8 - 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$
17048 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3$	17097 := $0^6 + 1^9 + 2^3 - 3^8 + 4^7 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$	17146 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^1 + 6^5 + 7^3 + 8^0 + 9^4$
17049 := $0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^3 + 9^4$	17098 := $0^5 + 1^8 + 2^9 - 3^6 + 4^7 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$	17147 := $0^8 + 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$
17050 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^5 + 6^1 + 7^2 + 8^3 + 9^4$	17099 := $0^5 + 1^8 + 2^9 - 3^6 + 4^7 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2$	17148 := $0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$
17051 := $0^7 + 1^8 + 2^9 + 3^5 + 4^4 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0$	17100 := $0^7 + 1^9 + 2^8 - 3^4 + 4^5 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1$	17149 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4$
17052 := $0^7 - 1^8 + 2^9 + 3^5 + 4^4 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$	17101 := $0^8 - 1^9 - 2^5 - 3^6 + 4^7 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$	17150 := $0^5 + 1^8 + 2^9 - 3^7 + 4^1 + 5^6 + 6^0 + 7^4 + 8^2 + 9^3$
17053 := $0^8 + 1^9 + 2^7 + 3^5 + 4^4 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$	17102 := $0^6 + 1^9 + 2^7 - 3^8 + 4^1 + 5^3 + 6^2 + 7^5 + 8^0 + 9^4$	17151 := $0^6 - 1^9 - 2^7 + 3^8 + 4^1 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0$
17054 := $0^7 + 1^8 + 2^9 + 3^5 + 4^4 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$	17103 := $0^4 - 1^9 + 2^7 - 3^8 + 4^3 + 5^6 + 6^5 + 7^1 + 8^2 + 9^0$	17152 := $0^6 - 1^9 + 2^8 + 3^7 + 4^1 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$
17055 := $0^8 - 1^9 + 2^1 + 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$	17104 := $0^1 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$	17153 := $0^7 - 1^9 + 2^8 + 3^5 + 4^4 + 5^6 + 6^2 + 7^0 + 8^1 + 9^3$
17056 := $0^8 - 1^9 - 2^0 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2$	17105 := $0^2 - 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$	17154 := $0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$
17057 := $0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$	17106 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$	17155 := $0^7 + 1^9 + 2^8 + 3^5 + 4^4 + 5^6 + 6^2 + 7^0 + 8^1 + 9^3$
17058 := $0^3 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2$	17107 := $0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$	17156 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$
17059 := $0^6 - 1^9 + 2^7 + 3^8 + 4^1 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$	17108 := $0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$	17157 := $0^6 - 1^8 + 2^9 + 3^7 + 4^3 + 5^0 + 6^5 + 7^2 + 8^1 + 9^4$
17060 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2$	17109 := $0^9 - 1^0 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3$	17158 := $0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4$
17061 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$	17110 := $-0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3$	17159 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^0 + 6^5 + 7^2 + 8^1 + 9^4$
17062 := $0^7 + 1^9 - 2^8 + 3^5 + 4^3 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$	17111 := $0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3$	17160 := $0^8 + 1^9 - 2^7 + 3^5 + 4^3 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$
17063 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2$	17112 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3$	17161 := $0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
17064 := $0^6 - 1^9 + 2^7 + 3^8 + 4^0 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$	17113 := $0^7 + 1^9 + 2^6 - 3^8 + 4^2 + 5^0 + 6^3 + 7^5 + 8^1 + 9^4$	17162 := $0^8 - 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$
17065 := $0^7 + 1^8 - 2^9 + 3^5 + 4^1 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$	17114 := $0^7 + 1^9 + 2^8 - 3^6 + 4^3 + 5^4 + 6^0 + 7^5 + 8^1 + 9^2$	17163 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
17066 := $0^6 + 1^9 + 2^7 + 3^8 + 4^0 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$	17115 := $0^7 + 1^9 + 2^8 - 3^4 + 4^5 + 5^6 + 6^3 + 7^0 + 8^2 + 9^1$	17164 := $0^8 + 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$
17067 := $0^5 + 1^0 + 2^8 - 3^9 + 4^7 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$	17116 := $0^7 - 1^9 + 2^6 - 3^8 + 4^1 + 5^2 + 6^3 + 7^5 + 8^0 + 9^4$	17165 := $0^8 + 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$
17068 := $0^7 + 1^8 + 2^9 + 3^5 + 4^4 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$	17117 := $0^8 + 1^9 + 2^7 - 3^6 + 4^1 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0$	17166 := $0^7 + 1^9 + 2^8 + 3^5 + 4^4 + 5^6 + 6^1 + 7^2 + 8^0 + 9^3$
17069 := $0^7 + 1^9 + 2^8 - 3^6 + 4^3 + 5^4 + 6^2 + 7^5 + 8^1 + 9^0$	17118 := $0^5 - 1^7 - 2^9 + 3^8 + 4^6 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$	17167 := $0^1 + 1^8 + 2^9 - 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^2 + 9^4$
17070 := $0^7 + 1^8 + 2^9 + 3^5 + 4^4 + 5^6 + 6^0 + 7^3 + 8^1 + 9^2$	17119 := $0^5 - 1^7 - 2^9 + 3^8 + 4^6 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4$	17168 := $0^7 + 1^9 + 2^8 + 3^5 + 4^4 + 5^6 + 6^0 + 7^2 + 8^1 + 9^3$
17071 := $0^6 + 1^9 + 2^7 - 3^8 + 4^3 + 5^0 + 6^1 + 7^5 + 8^2 + 9^4$	17120 := $0^5 + 1^7 - 2^9 + 3^8 + 4^6 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$	17169 := $0^6 - 1^8 + 2^9 + 3^7 + 4^3 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4$
17072 := $0^0 + 1^8 + 2^9 - 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^2 + 9^3$	17121 := $0^8 - 1^9 + 2^6 + 3^7 + 4^2 + 5^1 + 6^5 + 7^0 + 8^3 + 9^4$	17170 := $-0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$
17073 := $0^7 - 1^9 - 2^8 + 3^4 + 4^5 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$	17122 := $0^4 + 1^9 + 2^7 - 3^8 + 4^3 + 5^6 + 6^5 + 7^1 + 8^0 + 9^2$	17171 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4$
17074 := $0^7 - 1^9 - 2^8 + 3^4 + 4^5 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$	17123 := $0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^1 + 6^5 + 7^0 + 8^3 + 9^4$	17172 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$
17075 := $0^7 + 1^9 - 2^8 + 3^4 + 4^5 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$	17124 := $0^6 - 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$	17173 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^0 + 6^5 + 7^1 + 8^2 + 9^4$
17076 := $0^1 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3$	17125 := $0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^0 + 6^5 + 7^1 + 8^3 + 9^4$	17174 := $0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$
17077 := $0^7 + 1^8 - 2^1 - 3^9 + 4^2 + 5^6 + 6^3 + 7^5 + 8^4 + 9^0$	17126 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$	17175 := $0^8 + 1^9 - 2^7 + 3^5 + 4^3 + 5^6 + 6^4 + 7^0 + 8^2 + 9^1$
17078 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3$	17127 := $0^6 - 1^8 - 2^9 + 3^5 + 4^7 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$	17176 := $0^2 + 1^7 + 2^8 - 3^9 + 4^3 + 5^6 + 6^0 + 7^5 + 8^4 + 9^1$

17177 := $0^6 + 1^9 + 2^7 - 3^8 + 4^2 + 5^0 + 6^3 + 7^5 + 8^1 + 9^4$	17226 := $0^5 + 1^8 + 2^9 - 3^6 + 4^7 + 5^4 + 6^0 + 7^3 + 8^1 + 9^2$	17275 := $0^7 + 1^9 + 2^8 + 3^4 + 4^5 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$
17178 := $0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$	17227 := $0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^0 + 6^5 + 7^1 + 8^4 + 9^3$	17276 := $0^8 + 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$
17179 := $0^7 - 1^9 + 2^8 + 3^5 + 4^4 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$	17228 := $0^0 + 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$	17277 := $0^7 + 1^9 + 2^8 + 3^4 + 4^5 + 5^6 + 6^3 + 7^0 + 8^2 + 9^1$
17180 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$	17229 := $0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$	17278 := $0^7 + 1^9 - 2^8 + 3^5 + 4^2 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$
17181 := $0^7 + 1^9 + 2^8 + 3^5 + 4^4 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$	17230 := $0^0 + 1^2 + 2^9 + 3^8 - 4^7 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$	17279 := $0^2 + 1^8 + 2^9 - 3^7 + 4^6 + 5^0 + 6^5 + 7^1 + 8^3 + 9^4$
17182 := $0^7 + 1^9 + 2^8 + 3^5 + 4^4 + 5^6 + 6^0 + 7^1 + 8^2 + 9^3$	17231 := $0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$	17280 := $0^5 - 1^6 + 2^9 - 3^8 + 4^7 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$
17183 := $0^5 + 1^6 + 2^9 - 3^8 + 4^7 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$	17232 := $0^6 - 1^8 + 2^9 + 3^7 + 4^0 + 5^3 + 6^5 + 7^1 + 8^2 + 9^4$	17281 := $0^3 - 1^9 + 2^7 - 3^8 + 4^4 + 5^6 + 6^5 + 7^2 + 8^1 + 9^0$
17184 := $0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4$	17233 := $0^2 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$	17282 := $0^5 + 1^6 + 2^9 - 3^8 + 4^7 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$
17185 := $0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$	17234 := $0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^3 + 6^5 + 7^1 + 8^2 + 9^4$	17283 := $0^6 - 1^9 - 2^8 + 3^5 + 4^7 + 5^4 + 6^3 + 7^1 + 8^2 + 9^0$
17186 := $0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4$	17235 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$	17284 := $0^3 + 1^9 + 2^7 - 3^8 + 4^4 + 5^6 + 6^5 + 7^2 + 8^0 + 9^1$
17187 := $0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$	17236 := $0^7 - 1^8 + 2^9 + 3^5 + 4^4 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$	17285 := $0^6 + 1^9 - 2^8 + 3^5 + 4^7 + 5^4 + 6^3 + 7^1 + 8^2 + 9^0$
17188 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$	17237 := $0^7 + 1^8 + 2^9 + 3^5 + 4^4 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$	17286 := $0^5 - 1^9 - 2^7 + 3^8 + 4^6 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$
17189 := $0^7 + 1^8 - 2^9 + 3^5 + 4^2 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$	17238 := $0^7 + 1^8 + 2^9 + 3^5 + 4^4 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$	17287 := $0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$
17190 := $0^8 + 1^9 - 2^7 + 3^5 + 4^3 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$	17239 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^3 + 9^1$	17288 := $0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$
17191 := $0^6 - 1^9 + 2^8 + 3^7 + 4^1 + 5^0 + 6^5 + 7^3 + 8^2 + 9^4$	17240 := $0^0 + 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^1 + 7^2 + 8^4 + 9^3$	17289 := $0^1 - 1^9 + 2^6 + 3^5 - 4^8 + 5^7 + 6^3 + 7^0 + 8^4 + 9^2$
17192 := $0^6 - 1^9 + 2^8 + 3^7 + 4^0 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$	17241 := $0^7 - 1^8 + 2^9 + 3^0 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3$	17290 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$
17193 := $0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^0 + 6^5 + 7^3 + 8^2 + 9^4$	17242 := $0^7 + 1^9 + 2^8 - 3^4 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$	17291 := $0^7 - 1^9 + 2^8 + 3^4 + 4^5 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$
17194 := $0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$	17243 := $0^7 + 1^8 + 2^9 + 3^0 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3$	17292 := $0^7 + 1^9 + 2^8 + 3^4 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$
17195 := $0^7 + 1^8 + 2^9 + 3^5 + 4^4 + 5^6 + 6^2 + 7^0 + 8^3 + 9^1$	17244 := $0^7 - 1^9 - 2^8 - 3^6 + 4^1 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$	17293 := $0^7 + 1^9 + 2^8 + 3^4 + 4^5 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$
17196 := $0^5 + 1^8 + 2^0 - 3^9 + 4^7 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$	17245 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^3 + 9^0$	17294 := $-0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2$
17197 := $0^3 + 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$	17246 := $0^8 - 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1$	17295 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$
17198 := $0^8 - 1^9 + 2^2 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$	17247 := $0^8 + 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0$	17296 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2$
17199 := $0^8 + 1^9 + 2^5 - 3^6 + 4^7 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$	17248 := $0^8 + 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1$	17297 := $0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0$
17200 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$	17249 := $0^7 + 1^9 - 2^8 + 3^4 + 4^5 + 5^6 + 6^2 + 7^0 + 8^1 + 9^3$	17298 := $0^2 + 1^9 + 2^7 - 3^8 + 4^5 + 5^6 + 6^0 + 7^1 + 8^3 + 9^4$
17201 := $0^8 - 1^9 + 2^2 + 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3$	17250 := $-0^0 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$	17299 := $0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^4 + 6^2 + 7^0 + 8^3 + 9^1$
17202 := $0^8 - 1^9 - 2^7 + 3^4 + 4^5 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$	17251 := $0^7 - 1^0 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$	17300 := $0^6 - 1^9 - 2^8 + 3^5 + 4^7 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$
17203 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3$	17252 := $-0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$	17301 := $0^6 - 1^9 - 2^8 + 3^5 + 4^7 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2$
17204 := $0^8 + 1^9 - 2^7 + 3^4 + 4^5 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$	17253 := $0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$	17302 := $0^6 + 1^9 - 2^8 + 3^5 + 4^7 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$
17205 := $0^7 + 1^8 + 2^9 + 3^5 + 4^4 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$	17254 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$	17303 := $0^6 + 1^9 - 2^8 + 3^5 + 4^7 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2$
17206 := $0^7 - 1^8 + 2^9 + 3^5 + 4^4 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$	17255 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0$	17304 := $0^0 + 1^8 + 2^9 - 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4$
17207 := $0^6 - 1^9 - 2^7 + 3^8 + 4^1 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$	17256 := $0^8 - 1^9 - 2^0 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$	17305 := $0^4 + 1^8 - 2^7 - 3^9 + 4^6 + 5^2 + 6^3 + 7^0 + 8^5 + 9^1$
17208 := $0^7 + 1^8 + 2^9 + 3^5 + 4^4 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$	17257 := $0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3$	17306 := $0^0 + 1^6 - 2^9 - 3^8 + 4^7 + 5^5 + 6^2 + 7^1 + 8^4 + 9^3$
17209 := $0^6 + 1^9 - 2^7 + 3^8 + 4^1 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$	17258 := $0^8 - 1^9 + 2^0 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$	17307 := $0^6 - 1^8 - 2^9 + 3^5 + 4^7 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$
17210 := $0^6 + 1^9 - 2^7 + 3^8 + 4^0 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2$	17259 := $0^7 - 1^9 + 2^8 + 3^4 + 4^5 + 5^6 + 6^3 + 7^2 + 8^1 + 9^0$	17308 := $0^5 - 1^6 + 2^9 - 3^8 + 4^7 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$
17211 := $0^7 - 1^9 - 2^6 + 3^8 + 4^2 + 5^0 + 6^5 + 7^4 + 8^3 + 9^1$	17260 := $0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$	17309 := $0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$
17212 := $0^8 - 1^9 - 2^1 + 3^7 + 4^6 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$	17261 := $0^7 + 1^9 + 2^8 + 3^4 + 4^5 + 5^6 + 6^3 + 7^2 + 8^1 + 9^0$	17310 := $0^6 - 1^8 - 2^9 + 3^5 + 4^7 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1$
17213 := $0^2 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$	17262 := $0^7 + 1^9 + 2^8 + 3^4 + 4^5 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1$	17311 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$
17214 := $0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$	17263 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$	17312 := $-0^0 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2$
17215 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$	17264 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^4 + 8^3 + 9^1$	17313 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$
17216 := $0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$	17265 := $0^7 + 1^8 + 2^9 + 3^0 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^3$	17314 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2$
17217 := $0^7 + 1^9 - 2^6 + 3^8 + 4^1 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0$	17266 := $0^7 + 1^9 + 2^8 - 3^6 + 4^0 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$	17315 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^1 + 6^5 + 7^0 + 8^3 + 9^4$
17218 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1$	17267 := $0^7 - 1^9 + 2^4 - 3^8 + 4^1 + 5^6 + 6^5 + 7^3 + 8^2 + 9^0$	17316 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2$
17219 := $0^7 + 1^8 - 2^9 + 3^5 + 4^1 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$	17268 := $0^8 + 1^9 + 2^7 - 3^4 + 4^5 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$	17317 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^0 + 6^5 + 7^1 + 8^3 + 9^4$
17220 := $0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$	17269 := $0^6 - 1^9 - 2^8 + 3^5 + 4^7 + 5^4 + 6^3 + 7^2 + 8^1 + 9^0$	17318 := $0^6 - 1^9 + 2^0 - 3^8 + 4^7 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
17221 := $0^1 + 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^2 + 7^0 + 8^4 + 9^3$	17270 := $0^5 - 1^9 - 2^7 + 3^8 + 4^6 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4$	17319 := $0^7 - 1^9 - 2^8 + 3^5 + 4^1 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$
17222 := $0^8 - 1^9 + 2^0 + 3^7 + 4^6 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$	17271 := $0^8 - 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0$	17320 := $0^6 + 1^9 + 2^0 - 3^8 + 4^7 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
17223 := $0^7 - 1^8 + 2^9 + 3^2 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3$	17272 := $0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4$	17321 := $0^6 - 1^9 + 2^8 + 3^7 + 4^1 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4$
17224 := $0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$	17273 := $0^8 + 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0$	17322 := $0^5 + 1^9 + 2^8 - 3^6 + 4^7 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3$
17225 := $0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3$	17274 := $0^8 - 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$	17323 := $0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4$

17324 := $0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$	17373 := $0^7 - 1^9 + 2^8 + 3^4 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0$	17422 := $0^7 + 1^8 + 2^9 + 3^5 + 4^4 + 5^6 + 6^1 + 7^2 + 8^0 + 9^3$
17325 := $0^7 + 1^8 + 2^9 - 3^6 + 4^3 + 5^4 + 6^2 + 7^5 + 8^1 + 9^0$	17374 := $0^7 - 1^9 + 2^8 + 3^4 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1$	17423 := $0^3 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
17326 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$	17375 := $0^7 + 1^9 + 2^8 + 3^4 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0$	17424 := $0^7 + 1^8 + 2^9 + 3^5 + 4^4 + 5^6 + 6^0 + 7^2 + 8^1 + 9^3$
17327 := $0^1 + 1^9 + 2^7 - 3^8 + 4^5 + 5^6 + 6^2 + 7^0 + 8^3 + 9^4$	17376 := $0^7 + 1^9 + 2^8 + 3^4 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1$	17425 := $0^8 - 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$
17328 := $0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^5 + 6^1 + 7^2 + 8^3 + 9^4$	17377 := $0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$	17426 := $0^3 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
17329 := $0^6 + 1^9 + 2^8 - 3^5 + 4^7 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2$	17378 := $0^8 + 1^9 + 2^7 - 3^5 + 4^0 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$	17427 := $0^8 + 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$
17330 := $-0^0 - 1^9 + 2^7 - 3^8 + 4^5 + 5^6 + 6^2 + 7^1 + 8^3 + 9^4$	17379 := $0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^0 + 6^3 + 7^1 + 8^2 + 9^4$	17428 := $0^8 - 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$
17331 := $0^2 - 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0$	17380 := $0^7 - 1^8 + 2^4 - 3^9 + 4^6 + 5^3 + 6^0 + 7^2 + 8^5 + 9^1$	17429 := $0^8 + 1^9 + 2^7 + 3^5 + 4^3 + 5^6 + 6^4 + 7^1 + 8^2 + 9^0$
17332 := $-0^0 + 1^9 + 2^7 - 3^8 + 4^5 + 5^6 + 6^2 + 7^1 + 8^3 + 9^4$	17381 := $0^7 - 1^9 - 2^5 + 3^8 + 4^6 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$	17430 := $0^8 + 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$
17333 := $0^2 + 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0$	17382 := $0^7 - 1^9 - 2^5 + 3^8 + 4^6 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$	17431 := $0^8 + 1^9 + 2^7 + 3^5 + 4^3 + 5^6 + 6^4 + 7^0 + 8^2 + 9^1$
17334 := $0^0 + 1^9 + 2^7 - 3^8 + 4^5 + 5^6 + 6^2 + 7^1 + 8^3 + 9^4$	17383 := $0^6 - 1^7 + 2^9 + 3^8 + 4^3 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$	17432 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3$
17335 := $0^7 - 1^9 + 2^6 + 3^8 + 4^2 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$	17384 := $0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$	17433 := $0^7 - 1^0 + 2^9 - 3^8 + 4^5 + 5^6 + 6^3 + 7^2 + 8^1 + 9^4$
17336 := $0^7 - 1^9 - 2^8 + 3^5 + 4^1 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$	17385 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$	17434 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^4 + 8^1 + 9^3$
17337 := $0^7 + 1^9 + 2^6 + 3^8 + 4^2 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$	17386 := $0^6 + 1^9 - 2^8 + 3^5 + 4^7 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$	17435 := $0^7 - 1^8 + 2^9 + 3^5 + 4^4 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$
17338 := $0^7 + 1^9 - 2^8 + 3^5 + 4^1 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$	17387 := $0^6 - 1^7 + 2^9 + 3^8 + 4^3 + 5^0 + 6^5 + 7^4 + 8^2 + 9^1$	17436 := $0^7 - 1^8 + 2^9 + 3^5 + 4^4 + 5^6 + 6^0 + 7^1 + 8^2 + 9^3$
17339 := $0^7 - 1^9 + 2^6 + 3^8 + 4^2 + 5^0 + 6^5 + 7^4 + 8^3 + 9^1$	17388 := $0^8 + 1^9 - 2^7 + 3^4 + 4^5 + 5^6 + 6^1 + 7^2 + 8^0 + 9^3$	17437 := $0^7 + 1^8 + 2^9 + 3^5 + 4^4 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$
17340 := $0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4$	17389 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^0 + 6^5 + 7^4 + 8^2 + 9^1$	17438 := $0^7 + 1^8 + 2^9 + 3^5 + 4^4 + 5^6 + 6^0 + 7^1 + 8^2 + 9^3$
17341 := $0^7 + 1^9 + 2^6 + 3^8 + 4^2 + 5^0 + 6^5 + 7^4 + 8^3 + 9^1$	17390 := $0^8 + 1^9 - 2^7 + 3^4 + 4^5 + 5^6 + 6^0 + 7^2 + 8^1 + 9^3$	17439 := $0^5 - 1^6 + 2^9 - 3^8 + 4^7 + 5^2 + 6^1 + 7^0 + 8^3 + 9^4$
17342 := $0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^4 + 6^0 + 7^1 + 8^3 + 9^2$	17391 := $0^5 + 1^9 + 2^8 - 3^6 + 4^7 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$	17440 := $0^7 + 1^8 - 2^9 + 3^5 + 4^0 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$
17343 := $0^7 - 1^9 + 2^6 + 3^8 + 4^1 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0$	17392 := $0^5 + 1^9 + 2^8 - 3^6 + 4^7 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$	17441 := $0^5 + 1^6 + 2^9 - 3^8 + 4^7 + 5^2 + 6^1 + 7^0 + 8^3 + 9^4$
17344 := $0^0 + 1^7 + 2^8 - 3^9 + 4^2 + 5^6 + 6^3 + 7^5 + 8^4 + 9^1$	17393 := $0^5 + 1^8 + 2^9 - 3^6 + 4^7 + 5^4 + 6^1 + 7^0 + 8^3 + 9^2$	17442 := $0^5 + 1^6 + 2^9 - 3^8 + 4^7 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$
17345 := $0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0$	17394 := $0^5 + 1^8 + 2^9 - 3^6 + 4^7 + 5^4 + 6^0 + 7^1 + 8^3 + 9^2$	17443 := $0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
17346 := $0^6 - 1^9 + 2^8 + 3^7 + 4^0 + 5^1 + 6^5 + 7^2 + 8^3 + 9^4$	17395 := $0^7 + 1^9 + 2^4 - 3^8 + 4^2 + 5^6 + 6^5 + 7^0 + 8^3 + 9^1$	17444 := $0^8 - 1^9 + 2^7 + 3^5 + 4^3 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$
17347 := $0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^0 + 6^5 + 7^2 + 8^3 + 9^4$	17396 := $0^7 + 1^9 + 2^8 - 3^4 + 4^5 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$	17445 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
17348 := $0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^1 + 6^5 + 7^2 + 8^3 + 9^4$	17397 := $0^8 + 1^9 + 2^5 - 3^6 + 4^7 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$	17446 := $0^8 + 1^9 + 2^7 + 3^5 + 4^3 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$
17349 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0$	17398 := $0^4 + 1^9 + 2^7 - 3^8 + 4^1 + 5^6 + 6^5 + 7^3 + 8^0 + 9^2$	17447 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$
17350 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1$	17399 := $0^6 - 1^7 + 2^9 + 3^8 + 4^2 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$	17448 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$
17351 := $0^5 + 1^8 + 2^9 - 3^6 + 4^7 + 5^4 + 6^2 + 7^0 + 8^3 + 9^1$	17400 := $0^6 - 1^7 + 2^9 + 3^8 + 4^2 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$	17449 := $0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^0 + 6^5 + 7^3 + 8^2 + 9^4$
17352 := $0^7 + 1^9 + 2^8 - 3^5 + 4^0 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$	17401 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$	17450 := $0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$
17353 := $0^7 - 1^8 + 2^9 - 3^4 + 4^5 + 5^6 + 6^3 + 7^2 + 8^1 + 9^0$	17402 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$	17451 := $0^7 + 1^8 - 2^9 + 3^5 + 4^1 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3$
17354 := $0^7 - 1^9 - 2^5 + 3^8 + 4^6 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4$	17403 := $0^6 - 1^7 + 2^9 + 3^8 + 4^3 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2$	17452 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$
17355 := $0^7 - 1^9 - 2^5 + 3^8 + 4^6 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$	17404 := $0^7 + 1^9 + 2^8 + 3^4 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$	17453 := $0^2 - 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3$
17356 := $0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4$	17405 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2$	17454 := $0^7 + 1^8 - 2^9 + 3^5 + 4^0 + 5^6 + 6^4 + 7^1 + 8^2 + 9^3$
17357 := $0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$	17406 := $0^7 + 1^8 - 2^9 + 3^5 + 4^2 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3$	17455 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3$
17358 := $-0^0 + 1^7 - 2^8 - 3^9 + 4^1 + 5^6 + 6^2 + 7^5 + 8^4 + 9^3$	17407 := $0^6 - 1^9 + 2^7 + 3^8 + 4^1 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0$	17456 := $0^3 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$
17359 := $0^5 - 1^8 + 2^9 - 3^6 + 4^7 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$	17408 := $0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$	17457 := $0^8 - 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$
17360 := $0^5 - 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4$	17409 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0$	17458 := $0^8 - 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$
17361 := $0^5 + 1^8 + 2^9 - 3^6 + 4^7 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$	17410 := $0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$	17459 := $0^8 + 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$
17362 := $0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4$	17411 := $0^7 + 1^8 + 2^9 + 3^5 + 4^4 + 5^6 + 6^2 + 7^0 + 8^1 + 9^3$	17460 := $0^8 + 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$
17363 := $0^5 - 1^9 - 2^7 + 3^8 + 4^6 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4$	17412 := $0^6 - 1^8 + 2^9 + 3^7 + 4^0 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4$	17461 := $0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4$
17364 := $0^5 + 1^8 + 2^9 - 3^6 + 4^7 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1$	17413 := $0^8 - 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0$	17462 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3$
17365 := $0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4$	17414 := $0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4$	17463 := $0^6 - 1^9 + 2^7 + 3^8 + 4^1 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$
17366 := $0^7 - 1^9 - 2^5 + 3^8 + 4^6 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4$	17415 := $0^8 + 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0$	17464 := $0^6 - 1^7 + 2^9 + 3^8 + 4^0 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$
17367 := $0^7 + 1^8 + 2^4 - 3^9 + 4^6 + 5^3 + 6^2 + 7^1 + 8^5 + 9^0$	17416 := $0^8 + 1^9 + 2^7 + 3^5 + 4^3 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$	17465 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$
17368 := $0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4$	17417 := $0^8 + 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^2 + 7^0 + 8^3 + 9^1$	17466 := $0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$
17369 := $0^7 + 1^8 + 2^4 - 3^9 + 4^6 + 5^3 + 6^2 + 7^0 + 8^5 + 9^1$	17418 := $0^7 + 1^9 + 2^8 + 3^4 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$	17467 := $0^7 - 1^0 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$
17370 := $0^6 + 1^9 - 2^7 + 3^8 + 4^1 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$	17419 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$	17468 := $-0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$
17371 := $0^7 + 1^8 + 2^9 - 3^4 + 4^5 + 5^6 + 6^3 + 7^0 + 8^2 + 9^1$	17420 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4$	17469 := $0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$
17372 := $0^6 - 1^9 - 2^7 + 3^8 + 4^0 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$	17421 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$	17470 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$

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17618 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4$	17667 := $0^3 + 1^7 + 2^9 - 3^8 + 4^4 + 5^6 + 6^5 + 7^2 + 8^1 + 9^0$	17716 := $0^8 + 1^9 + 2^6 - 3^5 + 4^7 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2$
17619 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4$	17668 := $-0^0 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$	17717 := $0^2 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$
17620 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$	17669 := $0^7 - 1^0 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$	17718 := $0^2 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1$
17621 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4$	17670 := $-0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$	17719 := $0^8 + 1^9 + 2^5 - 3^7 + 4^3 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$
17622 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$	17671 := $0^7 + 1^0 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$	17720 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4$
17623 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2$	17672 := $0^7 - 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$	17721 := $0^4 + 1^7 + 2^9 - 3^8 + 4^2 + 5^6 + 6^5 + 7^3 + 8^1 + 9^0$
17624 := $0^6 - 1^9 + 2^7 + 3^8 + 4^1 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$	17673 := $0^8 - 1^9 + 2^5 - 3^7 + 4^3 + 5^6 + 6^2 + 7^1 + 8^4 + 9^0$	17722 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4$
17625 := $0^6 - 1^8 - 2^9 + 3^5 + 4^7 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$	17674 := $0^7 + 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$	17723 := $0^4 + 1^9 + 2^7 - 3^8 + 4^2 + 5^6 + 6^5 + 7^0 + 8^1 + 9^3$
17626 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$	17675 := $0^3 - 1^8 - 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$	17724 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^0 + 7^3 + 8^1 + 9^4$
17627 := $0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$	17676 := $0^7 + 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^0 + 7^3 + 8^1 + 9^2$	17725 := $0^8 + 1^0 + 2^7 - 3^9 + 4^2 + 5^6 + 6^1 + 7^5 + 8^4 + 9^3$
17628 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^2 + 6^0 + 7^3 + 8^1 + 9^4$	17677 := $0^3 + 1^8 - 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$	17726 := $0^8 + 1^9 + 2^7 + 3^5 + 4^0 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$
17629 := $0^7 - 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0$	17678 := $0^0 + 1^9 + 2^8 - 3^7 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1$	17727 := $0^7 + 1^8 + 2^9 - 3^5 + 4^2 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$
17630 := $0^6 + 1^9 + 2^7 + 3^8 + 4^0 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$	17679 := $0^3 + 1^8 - 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^0 + 8^4 + 9^1$	17728 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$
17631 := $0^7 + 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0$	17680 := $-0^0 + 1^8 + 2^9 - 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2$	17729 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$
17632 := $0^7 + 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1$	17681 := $0^2 + 1^7 + 2^9 - 3^8 + 4^5 + 5^6 + 6^1 + 7^0 + 8^3 + 9^4$	17730 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$
17633 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$	17682 := $0^0 + 1^8 + 2^9 - 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2$	17731 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$
17634 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$	17683 := $0^3 + 1^7 + 2^9 - 3^8 + 4^4 + 5^6 + 6^5 + 7^0 + 8^2 + 9^1$	17732 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$
17635 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^3 + 7^1 + 8^2 + 9^4$	17684 := $0^8 - 1^9 + 2^6 - 3^5 + 4^7 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$	17733 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4$
17636 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$	17685 := $0^4 + 1^8 + 2^7 - 3^9 + 4^6 + 5^2 + 6^1 + 7^3 + 8^5 + 9^0$	17734 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1$
17637 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4$	17686 := $0^8 + 1^9 + 2^6 - 3^5 + 4^7 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$	17735 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4$
17638 := $0^8 + 1^9 - 2^7 + 3^5 + 4^0 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2$	17687 := $0^4 + 1^7 + 2^8 - 3^9 + 4^6 + 5^2 + 6^3 + 7^1 + 8^5 + 9^0$	17736 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$
17639 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4$	17688 := $0^4 + 1^8 + 2^7 - 3^9 + 4^6 + 5^2 + 6^0 + 7^3 + 8^5 + 9^1$	17737 := $0^7 + 1^9 - 2^8 - 3^3 + 4^5 + 5^6 + 6^4 + 7^0 + 8^2 + 9^1$
17640 := $-0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$	17689 := $0^4 + 1^7 + 2^8 - 3^9 + 4^6 + 5^2 + 6^3 + 7^0 + 8^5 + 9^1$	17738 := $0^1 - 1^8 + 2^7 - 3^9 + 4^0 + 5^6 + 6^2 + 7^5 + 8^4 + 9^3$
17641 := $0^5 + 1^8 - 2^9 + 3^6 + 4^7 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$	17690 := $0^7 - 1^9 - 2^8 + 3^5 + 4^1 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$	17739 := $0^7 - 1^9 - 2^5 + 3^8 + 4^6 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$
17642 := $0^8 - 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^1 + 7^2 + 8^0 + 9^3$	17691 := $0^6 - 1^8 + 2^9 - 3^5 + 4^7 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$	17740 := $0^1 + 1^8 + 2^7 - 3^9 + 4^0 + 5^6 + 6^2 + 7^5 + 8^4 + 9^3$
17643 := $0^5 - 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$	17692 := $0^7 + 1^9 - 2^8 + 3^5 + 4^1 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$	17741 := $0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$
17644 := $0^8 + 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^1 + 7^2 + 8^0 + 9^3$	17693 := $0^6 + 1^8 + 2^9 - 3^5 + 4^7 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$	17742 := $-0^0 + 1^8 + 2^7 - 3^9 + 4^1 + 5^6 + 6^2 + 7^5 + 8^4 + 9^3$
17645 := $0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$	17694 := $0^7 - 1^9 - 2^8 + 3^5 + 4^0 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$	17743 := $0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^0 + 6^2 + 7^1 + 8^3 + 9^4$
17646 := $0^8 + 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^0 + 7^2 + 8^1 + 9^3$	17695 := $0^4 + 1^8 + 2^7 - 3^9 + 4^6 + 5^1 + 6^2 + 7^3 + 8^5 + 9^0$	17744 := $0^0 + 1^8 + 2^7 - 3^9 + 4^1 + 5^6 + 6^2 + 7^5 + 8^4 + 9^3$
17647 := $0^5 + 1^9 - 2^7 + 3^8 + 4^6 + 5^0 + 6^2 + 7^1 + 8^3 + 9^4$	17696 := $0^7 + 1^9 - 2^8 + 3^5 + 4^0 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$	17745 := $0^8 + 1^9 - 2^6 + 3^5 + 4^7 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0$
17648 := $0^5 + 1^8 + 2^9 - 3^6 + 4^7 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$	17697 := $0^3 - 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$	17746 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$
17649 := $0^7 + 1^8 + 2^9 - 3^4 + 4^5 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$	17698 := $0^3 + 1^7 + 2^9 - 3^8 + 4^4 + 5^6 + 6^5 + 7^1 + 8^0 + 9^2$	17747 := $0^1 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$
17650 := $0^1 + 1^9 + 2^7 - 3^8 + 4^4 + 5^6 + 6^5 + 7^3 + 8^0 + 9^2$	17699 := $0^3 + 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$	17748 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$
17651 := $0^4 + 1^7 + 2^8 - 3^9 + 4^6 + 5^3 + 6^1 + 7^0 + 8^5 + 9^2$	17700 := $0^6 + 1^8 + 2^3 - 3^9 + 4^7 + 5^1 + 6^0 + 7^5 + 8^4 + 9^2$	17749 := $0^7 - 1^8 + 2^9 - 3^6 + 4^2 + 5^4 + 6^1 + 7^5 + 8^3 + 9^0$
17652 := $0^4 + 1^7 + 2^8 - 3^9 + 4^6 + 5^3 + 6^0 + 7^1 + 8^5 + 9^2$	17701 := $0^3 - 1^8 - 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$	17750 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^0 + 7^3 + 8^1 + 9^2$
17653 := $0^8 + 1^9 + 2^7 - 3^6 + 4^2 + 5^3 + 6^4 + 7^5 + 8^1 + 9^0$	17702 := $0^8 + 1^9 + 2^7 - 3^6 + 4^0 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$	17751 := $0^7 + 1^8 + 2^9 - 3^6 + 4^2 + 5^4 + 6^1 + 7^5 + 8^3 + 9^0$
17654 := $0^8 + 1^9 + 2^7 - 3^6 + 4^2 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$	17703 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$	17752 := $0^7 + 1^9 - 2^8 + 3^6 + 4^4 + 5^3 + 6^0 + 7^5 + 8^1 + 9^2$
17655 := $0^7 - 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0$	17704 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$	17753 := $0^7 - 1^0 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1$
17656 := $0^5 - 1^8 - 2^9 + 3^6 + 4^7 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$	17705 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$	17754 := $0^7 + 1^9 - 2^5 + 3^8 + 4^6 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4$
17657 := $0^7 + 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0$	17706 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$	17755 := $0^7 + 1^0 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1$
17658 := $0^7 - 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$	17707 := $0^7 + 1^9 - 2^8 + 3^5 + 4^1 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3$	17756 := $0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1$
17659 := $0^8 + 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$	17708 := $0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$	17757 := $0^5 + 1^9 - 2^8 + 3^6 + 4^7 + 5^4 + 6^3 + 7^2 + 8^1 + 9^0$
17660 := $0^7 + 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$	17709 := $0^2 - 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3$	17758 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$
17661 := $0^8 + 1^9 + 2^7 + 3^5 + 4^2 + 5^6 + 6^4 + 7^3 + 8^1 + 9^0$	17710 := $0^8 + 1^9 + 2^7 + 3^5 + 4^0 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$	17759 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4$
17662 := $0^8 + 1^9 + 2^7 + 3^5 + 4^2 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$	17711 := $0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3$	17760 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$
17663 := $0^6 - 1^9 + 2^7 + 3^8 + 4^1 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3$	17712 := $0^6 + 1^8 + 2^9 - 3^5 + 4^7 + 5^4 + 6^0 + 7^3 + 8^1 + 9^2$	17761 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4$
17664 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$	17713 := $0^4 + 1^7 + 2^8 - 3^9 + 4^6 + 5^0 + 6^3 + 7^2 + 8^5 + 9^1$	17762 := $0^7 + 1^8 + 2^9 - 3^5 + 4^0 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$
17665 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3$	17714 := $0^1 + 1^9 + 2^8 - 3^7 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$	17763 := $0^4 - 1^7 + 2^9 - 3^8 + 4^1 + 5^6 + 6^5 + 7^3 + 8^2 + 9^0$
17666 := $0^6 + 1^9 + 2^7 + 3^8 + 4^0 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$	17715 := $0^2 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$	17764 := $-0^0 + 1^9 - 2^6 - 3^8 + 4^7 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$

17765 := $0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3$	17814 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$	17863 := $0^5 + 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$
17766 := $0^8 - 1^9 + 2^5 - 3^6 + 4^7 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3$	17815 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2$	17864 := $0^8 + 1^9 + 2^7 + 3^5 + 4^0 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$
17767 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3$	17816 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4$	17865 := $0^6 + 1^9 - 2^8 + 3^5 + 4^7 + 5^3 + 6^4 + 7^1 + 8^2 + 9^0$
17768 := $-0^0 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$	17817 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^0 + 6^1 + 7^2 + 8^3 + 9^4$	17866 := $0^7 - 1^8 - 2^9 + 3^5 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
17769 := $0^8 - 1^0 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$	17818 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4$	17867 := $0^6 + 1^9 - 2^8 + 3^5 + 4^7 + 5^3 + 6^4 + 7^0 + 8^2 + 9^1$
17770 := $-0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$	17819 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^0 + 6^1 + 7^2 + 8^3 + 9^4$	17868 := $0^7 + 1^8 - 2^9 + 3^5 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
17771 := $0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$	17820 := $0^8 + 1^9 - 2^7 + 3^5 + 4^1 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$	17869 := $0^5 - 1^9 - 2^8 + 3^6 + 4^7 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$
17772 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$	17821 := $0^7 - 1^9 - 2^8 + 3^6 + 4^4 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0$	17870 := $0^5 - 1^9 - 2^8 + 3^6 + 4^7 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$
17773 := $0^5 + 1^9 - 2^8 + 3^6 + 4^7 + 5^4 + 6^3 + 7^0 + 8^2 + 9^1$	17822 := $0^8 - 1^9 - 2^7 + 3^5 + 4^0 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$	17871 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0$
17774 := $0^7 + 1^9 + 2^8 + 3^4 + 4^5 + 5^6 + 6^0 + 7^2 + 8^1 + 9^3$	17823 := $0^7 + 1^9 - 2^8 + 3^6 + 4^4 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0$	17872 := $0^5 + 1^9 - 2^8 + 3^6 + 4^7 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$
17775 := $0^7 + 1^9 - 2^8 + 3^3 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^0$	17824 := $0^8 + 1^9 - 2^7 + 3^5 + 4^0 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$	17873 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0$
17776 := $0^7 + 1^9 - 2^8 + 3^3 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$	17825 := $0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$	17874 := $0^6 + 1^7 + 2^9 - 3^8 + 4^0 + 5^1 + 6^2 + 7^5 + 8^3 + 9^4$
17777 := $0^2 + 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$	17826 := $-0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1$	17875 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^2 + 7^0 + 8^3 + 9^1$
17778 := $0^6 + 1^9 - 2^2 - 3^8 + 4^7 + 5^5 + 6^0 + 7^1 + 8^4 + 9^3$	17827 := $0^8 - 1^9 + 2^7 + 3^5 + 4^2 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$	17876 := $0^8 - 1^9 - 2^7 + 3^6 + 4^4 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$
17779 := $0^2 + 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^4 + 9^1$	17828 := $0^7 - 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$	17877 := $0^5 + 1^8 + 2^9 - 3^6 + 4^7 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$
17780 := $0^6 - 1^9 - 2^8 + 3^5 + 4^7 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3$	17829 := $0^8 + 1^9 + 2^7 + 3^5 + 4^2 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$	17878 := $0^8 + 1^9 - 2^7 + 3^6 + 4^4 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$
17781 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^3 + 7^2 + 8^1 + 9^0$	17830 := $0^7 + 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$	17879 := $0^7 - 1^8 - 2^9 + 3^6 + 4^4 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2$
17782 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^3 + 7^2 + 8^0 + 9^1$	17831 := $0^7 + 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$	17880 := $0^7 + 1^8 - 2^9 + 3^6 + 4^4 + 5^1 + 6^0 + 7^5 + 8^3 + 9^2$
17783 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^3 + 7^2 + 8^1 + 9^0$	17832 := $0^5 + 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1$	17881 := $0^7 + 1^8 - 2^9 + 3^6 + 4^4 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2$
17784 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^3 + 7^2 + 8^0 + 9^1$	17833 := $0^7 + 1^9 + 2^8 + 3^5 + 4^1 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$	17882 := $0^6 + 1^9 - 2^8 + 3^5 + 4^7 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2$
17785 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$	17834 := $0^8 - 1^9 - 2^7 + 3^6 + 4^4 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$	17883 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$
17786 := $0^7 - 1^9 + 2^8 + 3^4 + 4^5 + 5^6 + 6^0 + 7^1 + 8^2 + 9^3$	17835 := $0^7 + 1^8 - 2^9 + 3^6 + 4^4 + 5^1 + 6^2 + 7^5 + 8^3 + 9^0$	17884 := $0^7 + 1^9 + 2^0 - 3^8 + 4^4 + 5^6 + 6^5 + 7^2 + 8^1 + 9^3$
17787 := $0^7 + 1^9 + 2^8 + 3^4 + 4^5 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$	17836 := $0^7 - 1^9 + 2^8 + 3^5 + 4^0 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$	17885 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$
17788 := $0^7 + 1^9 + 2^8 + 3^4 + 4^5 + 5^6 + 6^0 + 7^1 + 8^2 + 9^3$	17837 := $0^3 - 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$	17886 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1$
17789 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^0 + 6^5 + 7^4 + 8^3 + 9^1$	17838 := $0^7 + 1^9 + 2^8 + 3^5 + 4^0 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$	17887 := $0^4 - 1^7 + 2^9 - 3^8 + 4^2 + 5^6 + 6^5 + 7^1 + 8^3 + 9^0$
17790 := $0^7 + 1^9 + 2^8 + 3^5 + 4^2 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$	17839 := $0^3 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$	17888 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1$
17791 := $0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0$	17840 := $0^3 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$	17889 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^1 + 7^0 + 8^3 + 9^4$
17792 := $0^1 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$	17841 := $0^7 - 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$	17890 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$
17793 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0$	17842 := $0^7 - 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$	17891 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^1 + 7^0 + 8^3 + 9^4$
17794 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$	17843 := $0^7 + 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$	17892 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$
17795 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^2 + 6^1 + 7^0 + 8^3 + 9^4$	17844 := $0^7 + 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$	17893 := $0^7 + 1^8 - 2^9 + 3^5 + 4^3 + 5^6 + 6^1 + 7^4 + 8^2 + 9^0$
17796 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$	17845 := $0^5 + 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$	17894 := $0^8 + 1^9 + 2^7 + 3^5 + 4^0 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2$
17797 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^3 + 7^1 + 8^2 + 9^0$	17846 := $0^2 + 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^0 + 7^1 + 8^4 + 9^3$	17895 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$
17798 := $0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^2 + 6^5 + 7^4 + 8^3 + 9^1$	17847 := $0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$	17896 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$
17799 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^3 + 7^0 + 8^2 + 9^1$	17848 := $0^6 - 1^7 + 2^9 + 3^8 + 4^0 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2$	17897 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$
17800 := $0^7 + 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$	17849 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$	17898 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$
17801 := $0^7 + 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^2 + 7^0 + 8^3 + 9^1$	17850 := $0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2$	17899 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$
17802 := $0^7 + 1^8 - 2^9 + 3^6 + 4^3 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$	17851 := $0^1 + 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^4 + 9^2$	17900 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4$
17803 := $0^7 - 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$	17852 := $0^7 - 1^9 + 2^8 + 3^5 + 4^0 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$	17901 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$
17804 := $0^7 + 1^8 - 2^9 + 3^6 + 4^3 + 5^4 + 6^0 + 7^5 + 8^1 + 9^2$	17853 := $0^7 + 1^0 + 2^8 - 3^9 + 4^2 + 5^6 + 6^1 + 7^5 + 8^4 + 9^3$	17902 := $0^8 - 1^9 - 2^7 + 3^3 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$
17805 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$	17854 := $0^7 + 1^9 + 2^8 + 3^5 + 4^0 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$	17903 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^2 + 7^1 + 8^3 + 9^4$
17806 := $0^7 + 1^9 - 2^8 + 3^3 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$	17855 := $0^8 - 1^0 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$	17904 := $0^8 + 1^9 - 2^7 + 3^3 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$
17807 := $0^7 + 1^9 + 2^5 + 3^8 + 4^6 + 5^0 + 6^2 + 7^1 + 8^3 + 9^4$	17856 := $-0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$	17905 := $0^6 + 1^8 + 2^1 - 3^9 + 4^7 + 5^0 + 6^3 + 7^5 + 8^4 + 9^2$
17808 := $0^3 - 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$	17857 := $0^8 - 1^9 + 2^7 + 3^5 + 4^1 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$	17906 := $0^6 - 1^8 + 2^0 - 3^9 + 4^7 + 5^1 + 6^3 + 7^5 + 8^4 + 9^2$
17809 := $0^7 - 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$	17858 := $0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$	17907 := $0^2 + 1^6 + 2^9 - 3^8 + 4^7 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$
17810 := $0^3 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$	17859 := $0^8 + 1^9 + 2^7 + 3^5 + 4^1 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$	17908 := $0^7 - 1^8 - 2^9 + 3^5 + 4^3 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$
17811 := $0^7 + 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$	17860 := $0^5 - 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$	17909 := $0^6 + 1^9 + 2^8 - 3^5 + 4^7 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$
17812 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$	17861 := $0^8 + 1^9 - 2^7 + 3^6 + 4^4 + 5^3 + 6^1 + 7^5 + 8^2 + 9^0$	17910 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4$
17813 := $0^7 + 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^4 + 7^1 + 8^2 + 9^0$	17862 := $0^8 - 1^9 + 2^7 + 3^5 + 4^0 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$	17911 := $0^1 + 1^8 + 2^6 - 3^9 + 4^7 + 5^2 + 6^3 + 7^5 + 8^4 + 9^0$

17912 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4$
17913 := $0^5 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^1 + 7^2 + 8^3 + 9^4$
17914 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^0 + 7^2 + 8^1 + 9^4$
17915 := $0^5 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^1 + 7^2 + 8^3 + 9^4$
17916 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^0 + 7^1 + 8^3 + 9^2$
17917 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^1 + 7^0 + 8^3 + 9^2$
17918 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^0 + 7^1 + 8^3 + 9^2$
17919 := $0^8 + 1^9 - 2^7 + 3^3 + 4^5 + 5^6 + 6^4 + 7^0 + 8^2 + 9^1$
17920 := $0^0 + 1^8 + 2^6 - 3^9 + 4^7 + 5^2 + 6^3 + 7^5 + 8^4 + 9^1$
17921 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$
17922 := $0^4 - 1^7 + 2^9 - 3^8 + 4^0 + 5^6 + 6^5 + 7^2 + 8^3 + 9^1$
17923 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$
17924 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1$
17925 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$
17926 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1$
17927 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$
17928 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$
17929 := $0^7 - 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$
17930 := $0^7 + 1^9 - 2^3 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
17931 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$
17932 := $0^8 - 1^9 - 2^7 + 3^3 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$
17933 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^4 + 9^1$
17934 := $0^8 + 1^9 - 2^7 + 3^3 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$
17935 := $0^3 + 1^9 - 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^0 + 8^4 + 9^1$
17936 := $0^8 + 1^9 + 2^5 - 3^7 + 4^2 + 5^6 + 6^0 + 7^3 + 8^4 + 9^1$
17937 := $0^1 + 1^6 + 2^9 - 3^8 + 4^7 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$
17938 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$
17939 := $0^7 + 1^0 - 2^8 - 3^9 + 4^6 + 5^4 + 6^2 + 7^3 + 8^5 + 9^1$
17940 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$
17941 := $0^7 - 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$

17942 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^0 + 7^3 + 8^1 + 9^2$
17943 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
17944 := $0^7 - 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
17945 := $0^5 + 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0$
17946 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
17947 := $0^3 - 1^6 + 2^8 - 3^9 + 4^7 + 5^0 + 6^1 + 7^5 + 8^4 + 9^2$
17948 := $0^3 + 1^6 + 2^8 - 3^9 + 4^7 + 5^1 + 6^0 + 7^5 + 8^4 + 9^2$
17949 := $0^8 - 1^9 - 2^7 + 3^6 + 4^4 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0$
17950 := $0^7 - 1^8 - 2^9 + 3^6 + 4^1 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$
17951 := $0^8 + 1^9 - 2^7 + 3^6 + 4^4 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0$
17952 := $0^7 + 1^8 - 2^9 + 3^6 + 4^1 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$
17953 := $0^3 - 1^9 - 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$
17954 := $0^7 - 1^8 - 2^9 + 3^6 + 4^0 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$
17955 := $0^7 - 1^9 + 2^8 + 3^5 + 4^2 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$
17956 := $0^7 + 1^8 - 2^9 + 3^6 + 4^0 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$
17957 := $0^7 + 1^9 + 2^8 + 3^5 + 4^2 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$
17958 := $0^7 - 1^9 - 2^3 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$
17959 := $0^7 + 1^9 + 2^8 + 3^5 + 4^2 + 5^6 + 6^4 + 7^0 + 8^3 + 9^1$
17960 := $0^7 + 1^9 - 2^3 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$
17961 := $0^7 - 1^8 - 2^9 + 3^2 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$
17962 := $0^8 + 1^9 - 2^6 + 3^5 + 4^7 + 5^4 + 6^2 + 7^1 + 8^0 + 9^3$
17963 := $0^7 + 1^8 - 2^9 + 3^2 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$
17964 := $0^4 - 1^9 - 2^6 - 3^8 + 4^7 + 5^1 + 6^5 + 7^3 + 8^0 + 9^2$
17965 := $0^7 + 1^8 - 2^9 + 3^2 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^1$
17966 := $0^8 - 1^9 - 2^7 + 3^6 + 4^4 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$
17967 := $0^1 + 1^8 + 2^6 - 3^9 + 4^7 + 5^0 + 6^3 + 7^5 + 8^4 + 9^2$
17968 := $0^8 + 1^9 - 2^7 + 3^6 + 4^4 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$
17969 := $0^5 - 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0$
17970 := $0^1 + 1^8 + 2^9 - 3^7 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$
17971 := $0^5 + 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0$

17972 := $0^5 - 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$
17973 := $0^7 - 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$
17974 := $0^7 - 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$
17975 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$
17976 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$
17977 := $0^2 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^1$
17978 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4$
17979 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^3 + 7^0 + 8^1 + 9^4$
17980 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4$
17981 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^3 + 7^0 + 8^1 + 9^4$
17982 := $0^7 + 1^8 - 2^9 + 3^3 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4$
17983 := $0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$
17984 := $0^7 - 1^8 + 2^9 - 3^6 + 4^1 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$
17985 := $0^7 - 1^9 + 2^8 + 3^5 + 4^1 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$
17986 := $0^5 - 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$
17987 := $0^7 + 1^9 + 2^8 + 3^5 + 4^1 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$
17988 := $0^5 + 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$
17989 := $0^3 + 1^9 - 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^1 + 8^4 + 9^2$
17990 := $0^7 - 1^9 + 2^8 + 3^5 + 4^0 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$
17991 := $0^2 - 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$
17992 := $0^7 + 1^9 + 2^8 + 3^5 + 4^0 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$
17993 := $0^2 + 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$
17994 := $0^3 + 1^8 + 2^7 - 3^9 + 4^6 + 5^4 + 6^0 + 7^2 + 8^5 + 9^1$
17995 := $0^8 + 1^9 - 2^5 + 3^6 + 4^7 + 5^4 + 6^3 + 7^1 + 8^2 + 9^0$
17996 := $0^2 + 1^6 + 2^8 - 3^9 + 4^7 + 5^3 + 6^0 + 7^5 + 8^4 + 9^1$
17997 := $0^2 + 1^8 - 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$
17998 := $0^5 - 1^8 - 2^9 + 3^6 + 4^7 + 5^4 + 6^2 + 7^1 + 8^0 + 9^3$
17999 := $0^7 + 1^8 - 2^9 + 3^1 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$
18000 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4$

18001 := $0^5 + 1^8 - 2^9 + 3^6 + 4^7 + 5^4 + 6^2 + 7^0 + 8^1 + 9^3$
18002 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4$
18003 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4$
18004 := $0^7 + 1^8 - 2^9 + 3^3 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$
18005 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4$
18006 := $0^8 + 1^9 - 2^7 - 3^6 + 4^1 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$
18007 := $0^7 + 1^8 - 2^9 + 3^3 + 4^6 + 5^0 + 6^5 + 7^2 + 8^1 + 9^4$
18008 := $0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$
18009 := $0^6 - 1^8 - 2^9 + 3^5 + 4^7 + 5^1 + 6^4 + 7^0 + 8^3 + 9^2$
18010 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$
18011 := $0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^1 + 6^4 + 7^0 + 8^3 + 9^2$
18012 := $0^6 - 1^7 + 2^9 + 3^8 + 4^0 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$
18013 := $0^1 + 1^8 - 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0$
18014 := $0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$
18015 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$
18016 := $0^7 + 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^2 + 7^1 + 8^0 + 9^3$
18017 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$
18018 := $-0^0 - 1^8 - 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$

18019 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^3 + 7^1 + 8^2 + 9^4$
18020 := $0^7 - 1^9 + 2^8 + 3^5 + 4^0 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2$
18021 := $0^6 + 1^7 - 2^9 + 3^8 + 4^3 + 5^2 + 6^5 + 7^0 + 8^4 + 9^1$
18022 := $0^7 + 1^9 + 2^8 + 3^5 + 4^0 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2$
18023 := $0^9 - 1^0 - 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
18024 := $-0^0 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
18025 := $0^9 + 1^0 - 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
18026 := $0^7 - 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^1 + 7^2 + 8^0 + 9^3$
18027 := $0^5 + 1^8 - 2^9 + 3^6 + 4^7 + 5^4 + 6^1 + 7^0 + 8^2 + 9^3$
18028 := $0^7 + 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^1 + 7^2 + 8^0 + 9^3$
18029 := $0^7 - 1^8 - 2^9 + 3^1 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$
18030 := $0^7 + 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^0 + 7^2 + 8^1 + 9^3$
18031 := $0^7 + 1^8 - 2^9 + 3^1 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$
18032 := $0^0 + 1^6 + 2^8 - 3^9 + 4^7 + 5^3 + 6^2 + 7^5 + 8^4 + 9^1$
18033 := $0^2 + 1^9 - 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$
18034 := $0^1 + 1^7 + 2^9 - 3^8 + 4^4 + 5^6 + 6^5 + 7^3 + 8^0 + 9^2$
18035 := $0^2 + 1^9 - 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^4 + 9^1$
18036 := $0^7 - 1^8 + 2^9 - 3^6 + 4^2 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$

18037 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^3 + 7^2 + 8^1 + 9^0$
18038 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^3 + 7^2 + 8^0 + 9^1$
18039 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^3 + 7^2 + 8^1 + 9^0$
18040 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^3 + 7^2 + 8^0 + 9^1$
18041 := $0^7 - 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$
18042 := $0^7 - 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^0 + 7^1 + 8^2 + 9^3$
18043 := $0^7 + 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$
18044 := $0^7 + 1^8 + 2^9 + 3^4 + 4^5 + 5^6 + 6^0 + 7^1 + 8^2 + 9^3$
18045 := $0^7 + 1^8 + 2^9 + 3^5 + 4^2 + 5^6 + 6^4 + 7^3 + 8^1 + 9^0$
18046 := $0^7 + 1^8 + 2^9 + 3^5 + 4^2 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$
18047 := $0^8 + 1^9 + 2^7 + 3^5 + 4^2 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$
18048 := $0^6 - 1^7 + 2^9 + 3^8 + 4^0 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$
18049 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3$
18050 := $0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$
18051 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$
18052 := $0^7 + 1^8 - 2^9 + 3^6 + 4^4 + 5^1 + 6^2 + 7^5 + 8^0 + 9^3$
18053 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^4 + 9^1$
18054 := $0^5 + 1^9 - 2^8 + 3^6 + 4^7 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1$

18055 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^3 + 7^0 + 8^2 + 9^1$	18104 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^0 + 7^2 + 8^1 + 9^3$	18153 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$
18056 := $0^0 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$	18105 := $0^7 - 1^9 + 2^2 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0$	18154 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$
18057 := $0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^3 + 7^1 + 8^2 + 9^0$	18106 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4$	18155 := $0^5 - 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$
18058 := $0^7 + 1^9 - 2^8 + 3^6 + 4^3 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$	18107 := $0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0$	18156 := $0^5 - 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$
18059 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^3 + 7^1 + 8^2 + 9^0$	18108 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^0 + 7^3 + 8^1 + 9^4$	18157 := $0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$
18060 := $0^7 + 1^8 - 2^9 + 3^5 + 4^1 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2$	18109 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^1 + 7^0 + 8^3 + 9^2$	18158 := $0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$
18061 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^3 + 7^0 + 8^2 + 9^1$	18110 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^0 + 7^1 + 8^3 + 9^2$	18159 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$
18062 := $0^7 - 1^8 - 2^9 + 3^2 + 4^6 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4$	18111 := $0^5 - 1^8 - 2^9 + 3^6 + 4^7 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$	18160 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$
18063 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$	18112 := $0^5 + 1^8 - 2^9 + 3^6 + 4^7 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2$	18161 := $0^2 + 1^8 + 2^7 - 3^9 + 4^6 + 5^4 + 6^3 + 7^0 + 8^5 + 9^1$
18064 := $0^3 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$	18113 := $0^5 + 1^8 - 2^9 + 3^6 + 4^7 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$	18162 := $-0^0 + 1^6 + 2^8 - 3^9 + 4^7 + 5^1 + 6^3 + 7^5 + 8^4 + 9^2$
18065 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0$	18114 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$	18163 := $0^6 + 1^0 + 2^8 - 3^9 + 4^7 + 5^1 + 6^3 + 7^5 + 8^4 + 9^2$
18066 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$	18115 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^1 + 7^0 + 8^2 + 9^3$	18164 := $0^7 - 1^9 - 2^8 + 3^5 + 4^3 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$
18067 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^2 + 7^0 + 8^3 + 9^1$	18116 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$	18165 := $0^6 + 1^8 + 2^9 - 3^5 + 4^7 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$
18068 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$	18117 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^1 + 7^0 + 8^2 + 9^3$	18166 := $0^7 + 1^9 - 2^8 + 3^5 + 4^3 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$
18069 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2$	18118 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^0 + 7^1 + 8^2 + 9^3$	18167 := $0^8 - 1^9 - 2^7 + 3^6 + 4^3 + 5^4 + 6^1 + 7^5 + 8^2 + 9^0$
18070 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$	18119 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4$	18168 := $0^7 + 1^9 - 2^8 + 3^5 + 4^3 + 5^6 + 6^0 + 7^4 + 8^1 + 9^2$
18071 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2$	18120 := $0^8 + 1^9 + 2^7 + 3^6 + 4^4 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1$	18169 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$
18072 := $-0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$	18121 := $0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^0 + 8^2 + 9^1$	18170 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$
18073 := $0^6 + 1^7 - 2^9 + 3^8 + 4^2 + 5^3 + 6^5 + 7^0 + 8^4 + 9^1$	18122 := $0^7 - 1^9 - 2^8 + 3^5 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$	18171 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$
18074 := $0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$	18123 := $0^7 + 1^9 - 2^8 + 3^0 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$	18172 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$
18075 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$	18124 := $0^7 + 1^9 - 2^8 + 3^5 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$	18173 := $0^8 + 1^9 + 2^7 + 3^3 + 4^5 + 5^6 + 6^4 + 7^1 + 8^2 + 9^0$
18076 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$	18125 := $0^5 + 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$	18174 := $0^7 + 1^9 + 2^8 + 3^5 + 4^2 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3$
18077 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$	18126 := $0^5 - 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$	18175 := $0^7 + 1^9 + 2^8 + 3^5 + 4^2 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$
18078 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1$	18127 := $0^6 + 1^9 + 2^8 - 3^5 + 4^7 + 5^0 + 6^4 + 7^3 + 8^1 + 9^2$	18176 := $0^1 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
18079 := $0^5 - 1^8 - 2^9 + 3^6 + 4^7 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$	18128 := $0^5 + 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$	18177 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$
18080 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1$	18129 := $0^1 - 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$	18178 := $0^7 - 1^8 - 2^9 + 3^2 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3$
18081 := $0^5 + 1^8 - 2^9 + 3^6 + 4^7 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$	18130 := $0^0 + 1^6 - 2^9 - 3^8 + 4^7 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$	18179 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$
18082 := $0^5 + 1^8 - 2^9 + 3^6 + 4^7 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$	18131 := $0^1 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$	18180 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1$
18083 := $0^5 + 1^9 - 2^8 + 3^6 + 4^7 + 5^4 + 6^1 + 7^0 + 8^3 + 9^2$	18132 := $0^8 - 1^9 + 2^7 + 3^6 + 4^4 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$	18181 := $0^7 + 1^8 - 2^9 + 3^2 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$
18084 := $0^0 + 1^9 - 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1$	18133 := $0^1 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3$	18182 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1$
18085 := $0^6 + 1^9 - 2^8 + 3^5 + 4^7 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$	18134 := $0^8 + 1^9 + 2^7 + 3^6 + 4^4 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$	18183 := $0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$
18086 := $0^5 - 1^9 - 2^8 + 3^7 + 4^4 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1$	18135 := $0^4 - 1^7 - 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^2$	18184 := $0^7 + 1^9 + 2^0 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$
18087 := $0^7 - 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$	18136 := $0^8 + 1^9 + 2^7 + 3^6 + 4^4 + 5^3 + 6^0 + 7^5 + 8^1 + 9^2$	18185 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$
18088 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^2 + 7^1 + 8^0 + 9^3$	18137 := $0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^2$	18186 := $0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1$
18089 := $0^7 + 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$	18138 := $0^8 + 1^9 - 2^5 + 3^6 + 4^7 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$	18187 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^3 + 6^4 + 7^0 + 8^2 + 9^1$
18090 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^2 + 7^1 + 8^0 + 9^3$	18139 := $0^7 + 1^0 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^4 + 9^3$	18188 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1$
18091 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^2 + 7^0 + 8^1 + 9^3$	18140 := $0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^4 + 9^3$	18189 := $0^8 - 1^9 + 2^7 + 3^3 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$
18092 := $0^8 + 1^9 + 2^7 + 3^6 + 4^4 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$	18141 := $0^7 - 1^9 - 2^1 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$	18190 := $0^8 + 1^9 + 2^7 + 3^3 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$
18093 := $0^3 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$	18142 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$	18191 := $0^8 + 1^9 + 2^7 + 3^3 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$
18094 := $0^7 + 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$	18143 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4$	18192 := $0^7 + 1^9 + 2^8 - 3^5 + 4^3 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$
18095 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$	18144 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$	18193 := $0^8 - 1^9 - 2^5 - 3^6 + 4^7 + 5^3 + 6^2 + 7^4 + 8^1 + 9^0$
18096 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$	18145 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4$	18194 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$
18097 := $0^5 + 1^8 - 2^9 + 3^6 + 4^7 + 5^3 + 6^4 + 7^0 + 8^2 + 9^1$	18146 := $0^1 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$	18195 := $0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$
18098 := $0^6 + 1^9 - 2^8 + 3^5 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$	18147 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$	18196 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$
18099 := $0^7 + 1^9 - 2^2 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0$	18148 := $0^7 + 1^9 - 2^8 + 3^6 + 4^2 + 5^4 + 6^3 + 7^5 + 8^0 + 9^1$	18197 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$
18100 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3$	18149 := $0^7 + 1^9 - 2^8 + 3^5 + 4^3 + 5^6 + 6^1 + 7^4 + 8^2 + 9^0$	18198 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^0 + 7^3 + 8^1 + 9^2$
18101 := $0^2 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$	18150 := $-0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$	18199 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^2 + 6^5 + 7^0 + 8^4 + 9^1$
18102 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3$	18151 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$	18200 := $0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$
18103 := $0^2 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^3$	18152 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$	18201 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$

18202 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$
18203 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$
18204 := $0^7 + 1^9 + 2^8 + 3^5 + 4^1 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$
18205 := $0^8 - 1^9 + 2^7 + 3^6 + 4^4 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0$
18206 := $0^7 - 1^9 + 2^8 + 3^5 + 4^0 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$
18207 := $0^8 + 1^9 + 2^7 + 3^6 + 4^4 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0$
18208 := $0^7 + 1^9 + 2^8 + 3^5 + 4^0 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$
18209 := $0^8 - 1^9 + 2^7 + 3^6 + 4^4 + 5^0 + 6^3 + 7^5 + 8^2 + 9^1$
18210 := $0^7 - 1^9 - 2^8 + 3^6 + 4^0 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$
18211 := $0^8 + 1^9 + 2^7 + 3^6 + 4^4 + 5^0 + 6^3 + 7^5 + 8^2 + 9^1$
18212 := $0^7 + 1^9 - 2^8 + 3^6 + 4^0 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$
18213 := $0^7 + 1^8 + 2^9 + 3^5 + 4^2 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$
18214 := $0^7 - 1^8 - 2^9 + 3^1 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$
18215 := $0^7 + 1^8 + 2^9 + 3^5 + 4^2 + 5^6 + 6^4 + 7^0 + 8^3 + 9^1$
18216 := $0^7 + 1^8 - 2^9 + 3^1 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$
18217 := $0^7 - 1^9 + 2^8 + 3^5 + 4^1 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3$
18218 := $0^7 - 1^9 + 2^8 + 3^6 + 4^4 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$
18219 := $0^7 + 1^9 + 2^8 + 3^5 + 4^1 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3$
18220 := $0^7 + 1^9 + 2^8 + 3^6 + 4^4 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$
18221 := $0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
18222 := $0^7 + 1^9 + 2^8 + 3^5 + 4^0 + 5^6 + 6^4 + 7^1 + 8^2 + 9^3$
18223 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
18224 := $0^8 + 1^9 + 2^7 + 3^6 + 4^4 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$
18225 := $0^8 - 1^9 + 2^7 + 3^6 + 4^4 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$
18226 := $0^7 - 1^9 - 2^2 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1$
18227 := $0^8 + 1^9 + 2^7 + 3^6 + 4^4 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$
18228 := $0^7 + 1^9 - 2^2 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1$
18229 := $0^2 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0$
18230 := $0^5 + 1^9 - 2^8 + 3^7 + 4^4 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$
18231 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0$
18232 := $0^7 - 1^8 + 2^1 - 3^9 + 4^6 + 5^4 + 6^0 + 7^3 + 8^5 + 9^2$
18233 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^1$
18234 := $0^7 - 1^9 + 2^2 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1$
18235 := $0^6 + 1^9 - 2^8 + 3^5 + 4^7 + 5^1 + 6^4 + 7^2 + 8^3 + 9^0$
18236 := $0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1$
18237 := $0^8 + 1^9 - 2^3 + 3^7 + 4^6 + 5^0 + 6^5 + 7^1 + 8^4 + 9^2$
18238 := $0^7 + 1^9 - 2^8 + 3^3 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4$
18239 := $0^6 + 1^9 - 2^8 + 3^5 + 4^7 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$
18240 := $0^0 + 1^8 + 2^7 - 3^9 + 4^6 + 5^4 + 6^3 + 7^1 + 8^5 + 9^2$
18241 := $0^7 - 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$
18242 := $0^5 - 1^9 - 2^8 + 3^7 + 4^4 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$
18243 := $0^7 + 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$
18244 := $0^5 + 1^9 - 2^8 + 3^7 + 4^4 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$
18245 := $0^7 + 1^9 + 2^8 + 3^6 + 4^4 + 5^3 + 6^1 + 7^5 + 8^2 + 9^0$
18246 := $0^7 - 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$
18247 := $0^2 - 1^9 - 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$
18248 := $0^7 + 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$
18249 := $0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^2$
18250 := $0^7 + 1^8 - 2^9 + 3^6 + 4^0 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2$

18251 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^2$
18252 := $0^8 + 1^9 - 2^7 + 3^5 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
18253 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^0 + 6^5 + 7^1 + 8^4 + 9^2$
18254 := $0^5 - 1^9 - 2^8 + 3^6 + 4^7 + 5^4 + 6^2 + 7^1 + 8^0 + 9^3$
18255 := $0^7 + 1^9 - 2^8 + 3^1 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$
18256 := $0^5 + 1^9 - 2^8 + 3^6 + 4^7 + 5^4 + 6^2 + 7^1 + 8^0 + 9^3$
18257 := $0^5 + 1^9 - 2^8 + 3^6 + 4^7 + 5^4 + 6^2 + 7^0 + 8^1 + 9^3$
18258 := $0^7 - 1^9 - 2^8 + 3^3 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$
18259 := $0^7 - 1^9 + 2^1 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$
18260 := $0^7 - 1^9 + 2^8 + 3^6 + 4^4 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$
18261 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$
18262 := $0^7 + 1^9 + 2^8 + 3^6 + 4^4 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$
18263 := $0^7 + 1^9 - 2^8 + 3^3 + 4^6 + 5^0 + 6^5 + 7^2 + 8^1 + 9^4$
18264 := $0^7 + 1^9 + 2^8 + 3^6 + 4^4 + 5^3 + 6^0 + 7^5 + 8^1 + 9^2$
18265 := $0^8 + 1^9 - 2^5 + 3^6 + 4^7 + 5^4 + 6^2 + 7^0 + 8^3 + 9^1$
18266 := $0^7 - 1^9 + 2^0 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1$
18267 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^3 + 7^2 + 8^1 + 9^0$
18268 := $0^7 + 1^9 + 2^0 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1$
18269 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^3 + 7^2 + 8^1 + 9^0$
18270 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^3 + 7^2 + 8^0 + 9^1$
18271 := $0^1 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$
18272 := $0^7 + 1^8 + 2^5 + 3^9 - 4^6 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$
18273 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$
18274 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$
18275 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^1 + 7^0 + 8^3 + 9^4$
18276 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$
18277 := $0^7 + 1^9 - 2^8 + 3^3 + 4^6 + 5^0 + 6^5 + 7^1 + 8^2 + 9^4$
18278 := $0^7 + 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2$
18279 := $0^9 - 1^0 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
18280 := $-0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
18281 := $0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
18282 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
18283 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^3 + 7^1 + 8^2 + 9^0$
18284 := $0^5 + 1^9 - 2^8 + 3^6 + 4^7 + 5^4 + 6^0 + 7^1 + 8^2 + 9^3$
18285 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$
18286 := $0^7 - 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$
18287 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^2 + 7^1 + 8^3 + 9^4$
18288 := $0^7 + 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$
18289 := $0^6 - 1^7 - 2^9 + 3^8 + 4^2 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$
18290 := $0^8 + 1^9 - 2^6 + 3^5 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$
18291 := $0^8 - 1^9 + 2^2 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$
18292 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3$
18293 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$
18294 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3$
18295 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^4 + 9^1$
18296 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^0 + 7^2 + 8^1 + 9^3$
18297 := $0^5 - 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^1 + 7^2 + 8^3 + 9^4$
18298 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4$
18299 := $0^5 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^1 + 7^2 + 8^3 + 9^4$

18300 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$
18301 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2$
18302 := $0^7 + 1^9 - 2^1 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
18303 := $0^7 + 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^4 + 7^0 + 8^2 + 9^1$
18304 := $0^7 - 1^9 + 2^1 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
18305 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2$
18306 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
18307 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^1 + 7^0 + 8^2 + 9^3$
18308 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^0 + 7^1 + 8^2 + 9^3$
18309 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^1 + 7^0 + 8^2 + 9^3$
18310 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^4 + 6^0 + 7^1 + 8^2 + 9^3$
18311 := $0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$
18312 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$
18313 := $0^5 - 1^8 - 2^9 + 3^6 + 4^7 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$
18314 := $0^7 - 1^8 - 2^9 + 3^5 + 4^0 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1$
18315 := $0^5 + 1^8 - 2^9 + 3^6 + 4^7 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$
18316 := $0^7 - 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$
18317 := $0^7 - 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$
18318 := $0^7 + 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$
18319 := $0^7 + 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$
18320 := $0^7 + 1^9 - 2^8 + 3^2 + 4^6 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4$
18321 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0$
18322 := $0^8 - 1^9 - 2^7 + 3^6 + 4^0 + 5^4 + 6^3 + 7^5 + 8^2 + 9^1$
18323 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^2 + 7^0 + 8^3 + 9^1$
18324 := $0^8 + 1^9 - 2^7 + 3^6 + 4^0 + 5^4 + 6^3 + 7^5 + 8^2 + 9^1$
18325 := $0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0$
18326 := $0^5 - 1^8 - 2^9 + 3^6 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$
18327 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0$
18328 := $0^5 + 1^8 - 2^9 + 3^6 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$
18329 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^2 + 7^0 + 8^3 + 9^1$
18330 := $0^0 + 1^9 - 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$
18331 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$
18332 := $0^6 - 1^8 - 2^9 - 3^5 + 4^7 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$
18333 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$
18334 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1$
18335 := $0^7 + 1^9 + 2^8 + 3^6 + 4^4 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0$
18336 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1$
18337 := $0^7 - 1^9 + 2^8 + 3^6 + 4^4 + 5^0 + 6^3 + 7^5 + 8^2 + 9^1$
18338 := $0^8 - 1^9 + 2^0 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1$
18339 := $0^7 + 1^9 + 2^8 + 3^6 + 4^4 + 5^0 + 6^3 + 7^5 + 8^2 + 9^1$
18340 := $0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1$
18341 := $0^8 - 1^9 - 2^5 + 3^7 + 4^4 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$
18342 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1$
18343 := $0^8 + 1^9 - 2^5 + 3^7 + 4^4 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$
18344 := $0^5 + 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^0 + 7^2 + 8^1 + 9^3$
18345 := $0^8 - 1^9 - 2^7 + 3^2 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$
18346 := $0^2 + 1^7 + 2^9 - 3^8 + 4^4 + 5^6 + 6^5 + 7^1 + 8^0 + 9^3$
18347 := $0^8 + 1^9 - 2^7 + 3^2 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$
18348 := $0^3 + 1^9 + 2^6 - 3^8 + 4^7 + 5^4 + 6^5 + 7^2 + 8^0 + 9^1$

18349 := $0^8 + 1^9 - 2^7 + 3^2 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^1$	18398 := $0^8 - 1^9 + 2^7 + 3^6 + 4^3 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1$	18447 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
18350 := $0^7 - 1^9 + 2^8 + 3^6 + 4^4 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$	18399 := $0^8 + 1^9 + 2^7 + 3^6 + 4^3 + 5^4 + 6^2 + 7^5 + 8^1 + 9^0$	18448 := $0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
18351 := $0^5 + 1^9 - 2^8 + 3^6 + 4^7 + 5^3 + 6^4 + 7^1 + 8^2 + 9^0$	18400 := $0^8 + 1^9 + 2^7 + 3^6 + 4^3 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1$	18449 := $0^7 + 1^8 - 2^9 + 3^2 + 4^6 + 5^1 + 6^5 + 7^0 + 8^3 + 9^4$
18352 := $0^7 + 1^9 + 2^8 + 3^6 + 4^4 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$	18401 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$	18450 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
18353 := $0^7 - 1^9 + 2^8 + 3^6 + 4^4 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$	18402 := $0^7 + 1^8 - 2^9 + 3^6 + 4^2 + 5^4 + 6^1 + 7^5 + 8^0 + 9^3$	18451 := $0^7 + 1^8 - 2^9 + 3^2 + 4^6 + 5^0 + 6^5 + 7^1 + 8^3 + 9^4$
18354 := $0^7 - 1^8 - 2^9 + 3^5 + 4^1 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$	18403 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$	18452 := $0^6 + 1^9 - 2^8 + 3^5 + 4^7 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3$
18355 := $0^7 + 1^9 + 2^8 + 3^6 + 4^4 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$	18404 := $0^8 - 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$	18453 := $0^6 - 1^9 - 2^7 + 3^8 + 4^2 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$
18356 := $0^7 + 1^8 - 2^9 + 3^5 + 4^1 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$	18405 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$	18454 := $0^8 + 1^9 - 2^5 + 3^7 + 4^4 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$
18357 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$	18406 := $0^8 + 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$	18455 := $0^6 + 1^9 - 2^7 + 3^8 + 4^2 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$
18358 := $0^2 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1$	18407 := $0^8 + 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$	18456 := $0^6 + 1^9 + 2^8 - 3^5 + 4^7 + 5^2 + 6^4 + 7^1 + 8^0 + 9^3$
18359 := $0^7 - 1^9 - 2^8 + 3^0 + 4^6 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$	18408 := $-0^0 + 1^7 + 2^9 - 3^8 + 4^4 + 5^6 + 6^5 + 7^1 + 8^2 + 9^3$	18457 := $0^6 + 1^9 - 2^7 + 3^8 + 4^2 + 5^3 + 6^5 + 7^0 + 8^4 + 9^1$
18360 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1$	18409 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$	18458 := $0^7 - 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$
18361 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$	18410 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1$	18459 := $0^6 + 1^9 - 2^7 + 3^8 + 4^3 + 5^0 + 6^5 + 7^1 + 8^4 + 9^2$
18362 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$	18411 := $0^5 - 1^9 - 2^8 + 3^7 + 4^4 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$	18460 := $0^7 + 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$
18363 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$	18412 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1$	18461 := $0^8 + 1^9 - 2^6 + 3^5 + 4^7 + 5^0 + 6^4 + 7^1 + 8^3 + 9^2$
18364 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$	18413 := $0^5 + 1^9 - 2^8 + 3^7 + 4^4 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$	18462 := $0^7 - 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$
18365 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^1 + 7^0 + 8^3 + 9^2$	18414 := $0^5 + 1^9 - 2^8 + 3^7 + 4^4 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$	18463 := $0^8 - 1^9 + 2^7 + 3^6 + 4^4 + 5^2 + 6^1 + 7^5 + 8^3 + 9^0$
18366 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^0 + 7^1 + 8^3 + 9^2$	18415 := $0^8 + 1^9 - 2^7 + 3^1 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$	18464 := $0^7 + 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$
18367 := $0^8 + 1^9 - 2^7 + 3^3 + 4^6 + 5^2 + 6^5 + 7^0 + 8^1 + 9^4$	18416 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$	18465 := $0^8 + 1^9 + 2^7 + 3^6 + 4^4 + 5^2 + 6^1 + 7^5 + 8^3 + 9^0$
18368 := $0^8 - 1^9 + 2^0 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$	18417 := $0^7 - 1^8 - 2^9 + 3^6 + 4^3 + 5^2 + 6^4 + 7^5 + 8^1 + 9^0$	18466 := $0^8 - 1^9 + 2^7 + 3^6 + 4^4 + 5^2 + 6^0 + 7^5 + 8^3 + 9^1$
18369 := $0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^1 + 7^0 + 8^3 + 9^2$	18418 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$	18467 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$
18370 := $0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$	18419 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^0 + 6^4 + 7^3 + 8^1 + 9^2$	18468 := $0^8 + 1^9 + 2^7 + 3^6 + 4^4 + 5^2 + 6^0 + 7^5 + 8^3 + 9^1$
18371 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^1 + 7^0 + 8^3 + 9^2$	18420 := $0^7 + 1^8 - 2^9 + 3^6 + 4^1 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$	18469 := $0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
18372 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^0 + 7^1 + 8^3 + 9^2$	18421 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^0 + 6^4 + 7^3 + 8^1 + 9^2$	18470 := $0^8 + 1^9 - 2^5 + 3^7 + 4^4 + 5^6 + 6^0 + 7^3 + 8^1 + 9^2$
18373 := $0^8 - 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^3 + 7^2 + 8^1 + 9^0$	18422 := $0^7 - 1^8 - 2^9 + 3^6 + 4^0 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3$	18471 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
18374 := $0^8 - 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1$	18423 := $0^8 - 1^9 + 2^7 + 3^6 + 4^3 + 5^4 + 6^1 + 7^5 + 8^2 + 9^0$	18472 := $0^7 + 1^8 - 2^9 + 3^6 + 4^2 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$
18375 := $0^8 + 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^3 + 7^2 + 8^1 + 9^0$	18424 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$	18473 := $0^7 - 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3$
18376 := $0^8 + 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1$	18425 := $0^8 + 1^9 + 2^7 + 3^6 + 4^3 + 5^4 + 6^1 + 7^5 + 8^2 + 9^0$	18474 := $0^7 - 1^8 + 2^9 + 3^6 + 4^4 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$
18377 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^3 + 6^4 + 7^1 + 8^2 + 9^0$	18426 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$	18475 := $0^7 + 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3$
18378 := $0^3 + 1^9 + 2^6 - 3^8 + 4^7 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$	18427 := $0^8 + 1^0 - 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^3$	18476 := $0^7 + 1^8 + 2^9 + 3^6 + 4^4 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$
18379 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^3 + 6^4 + 7^0 + 8^2 + 9^1$	18428 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^0 + 7^3 + 8^1 + 9^2$	18477 := $0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$
18380 := $0^6 + 1^8 + 2^9 - 3^5 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$	18429 := $0^7 - 1^8 + 2^9 + 3^5 + 4^2 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$	18478 := $0^7 + 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^4 + 7^1 + 8^2 + 9^3$
18381 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$	18430 := $0^7 + 1^8 + 2^9 + 3^5 + 4^2 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3$	18479 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$
18382 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$	18431 := $0^7 + 1^8 + 2^9 + 3^5 + 4^2 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$	18480 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$
18383 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$	18432 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$	18481 := $0^8 + 1^9 - 2^5 + 3^6 + 4^7 + 5^4 + 6^2 + 7^0 + 8^1 + 9^3$
18384 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$	18433 := $0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$	18482 := $0^8 - 1^9 - 2^7 + 3^1 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$
18385 := $0^1 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$	18434 := $0^8 - 1^9 + 2^7 + 3^2 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$	18483 := $0^8 - 1^9 + 2^7 + 3^1 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$
18386 := $0^8 - 1^9 - 2^7 + 3^3 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$	18435 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$	18484 := $0^8 + 1^9 - 2^7 + 3^1 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$
18387 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$	18436 := $0^8 + 1^9 + 2^7 + 3^2 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$	18485 := $0^8 + 1^9 + 2^7 + 3^1 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$
18388 := $0^8 + 1^9 - 2^7 + 3^3 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$	18437 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^4 + 9^1$	18486 := $0^2 - 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^3$
18389 := $0^8 + 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$	18438 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^2$	18487 := $0^8 - 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0$
18390 := $0^7 + 1^9 + 2^8 - 3^6 + 4^1 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$	18439 := $0^8 + 1^9 - 2^7 + 3^6 + 4^4 + 5^0 + 6^2 + 7^5 + 8^1 + 9^3$	18488 := $0^8 - 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1$
18391 := $0^8 + 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^3 + 7^0 + 8^2 + 9^1$	18440 := $0^8 - 1^9 + 2^7 + 3^6 + 4^3 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$	18489 := $0^8 + 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0$
18392 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2$	18441 := $0^7 + 1^9 - 2^8 + 3^6 + 4^2 + 5^4 + 6^1 + 7^5 + 8^3 + 9^0$	18490 := $0^8 + 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1$
18393 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$	18442 := $0^8 + 1^9 + 2^7 + 3^6 + 4^3 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$	18491 := $0^8 + 1^9 + 2^7 + 3^0 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$
18394 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2$	18443 := $0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$	18492 := $0^8 + 1^9 - 2^5 + 3^6 + 4^7 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3$
18395 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$	18444 := $0^8 + 1^9 + 2^7 + 3^6 + 4^3 + 5^4 + 6^0 + 7^5 + 8^1 + 9^2$	18493 := $0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^2 + 8^3 + 9^1$
18396 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1$	18445 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$	18494 := $0^8 + 1^9 - 2^5 + 3^6 + 4^7 + 5^4 + 6^0 + 7^2 + 8^1 + 9^3$
18397 := $0^8 - 1^9 + 2^7 + 3^6 + 4^3 + 5^4 + 6^2 + 7^5 + 8^1 + 9^0$	18446 := $0^7 - 1^8 - 2^9 + 3^6 + 4^1 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$	18495 := $0^5 - 1^8 - 2^9 + 3^6 + 4^7 + 5^1 + 6^4 + 7^0 + 8^3 + 9^2$

18496 := $0^8 + 1^9 + 2^7 - 3^1 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$	18545 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$	18594 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1$
18497 := $0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^2$	18546 := $0^7 + 1^9 + 2^8 - 3^2 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$	18595 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^1 + 7^0 + 8^3 + 9^2$
18498 := $-0^0 + 1^6 - 2^9 - 3^8 + 4^7 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$	18547 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^4 + 9^1$	18596 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1$
18499 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^2$	18548 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3$	18597 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$
18500 := $0^8 - 1^9 + 2^7 + 3^1 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$	18549 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0$	18598 := $0^5 - 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1$
18501 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^1 + 8^4 + 9^2$	18550 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3$	18599 := $0^5 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^3 + 7^2 + 8^1 + 9^0$
18502 := $0^8 + 1^9 + 2^7 + 3^1 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$	18551 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0$	18600 := $0^5 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1$
18503 := $0^4 + 1^9 - 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^1 + 8^2 + 9^0$	18552 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^0 + 7^2 + 8^1 + 9^3$	18601 := $0^7 - 1^9 + 2^8 + 3^6 + 4^4 + 5^1 + 6^2 + 7^5 + 8^3 + 9^0$
18504 := $0^7 + 1^8 + 2^9 + 3^6 + 4^4 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1$	18553 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^2 + 7^0 + 8^3 + 9^1$	18602 := $0^7 + 1^9 - 2^4 + 3^8 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^1$
18505 := $0^8 - 1^9 + 2^7 + 3^0 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$	18554 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$	18603 := $0^7 + 1^9 + 2^8 + 3^6 + 4^4 + 5^1 + 6^2 + 7^5 + 8^3 + 9^0$
18506 := $0^8 - 1^9 + 2^7 + 3^5 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$	18555 := $0^7 + 1^8 + 2^9 + 3^6 + 4^4 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0$	18604 := $0^3 - 1^7 - 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^1$
18507 := $0^8 + 1^9 + 2^7 + 3^0 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$	18556 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$	18605 := $0^8 + 1^9 + 2^7 + 3^2 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^1$
18508 := $0^8 + 1^9 + 2^7 + 3^5 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$	18557 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2$	18606 := $0^7 - 1^8 + 2^9 + 3^6 + 4^4 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$
18509 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$	18558 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^4 + 7^3 + 8^0 + 9^1$	18607 := $0^7 + 1^9 + 2^8 + 3^6 + 4^4 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$
18510 := $0^7 + 1^8 - 2^9 + 3^5 + 4^2 + 5^6 + 6^1 + 7^4 + 8^0 + 9^3$	18559 := $0^7 + 1^8 + 2^9 + 3^3 + 4^5 + 5^6 + 6^4 + 7^0 + 8^2 + 9^1$	18608 := $0^7 + 1^8 + 2^9 + 3^6 + 4^4 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$
18511 := $0^8 - 1^9 + 2^2 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$	18560 := $0^8 - 1^9 - 2^5 + 3^6 + 4^7 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$	18609 := $0^7 - 1^8 + 2^9 + 3^6 + 4^4 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$
18512 := $0^7 + 1^8 - 2^9 + 3^5 + 4^2 + 5^6 + 6^0 + 7^4 + 8^1 + 9^3$	18561 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$	18610 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$
18513 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$	18562 := $0^7 - 1^9 + 2^8 + 3^2 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$	18611 := $0^7 + 1^8 + 2^9 + 3^6 + 4^4 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$
18514 := $0^0 + 1^6 - 2^9 - 3^8 + 4^7 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$	18563 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$	18612 := $0^7 + 1^8 - 2^9 + 3^3 + 4^5 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
18515 := $0^8 + 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0$	18564 := $0^7 + 1^9 + 2^8 + 3^2 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$	18613 := $0^5 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$
18516 := $0^7 - 1^8 + 2^9 + 3^6 + 4^4 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$	18565 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^1 + 7^0 + 8^2 + 9^3$	18614 := $0^5 + 1^9 - 2^8 + 3^7 + 4^4 + 5^6 + 6^0 + 7^1 + 8^2 + 9^3$
18517 := $0^1 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3$	18566 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1$	18615 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0$
18518 := $0^7 + 1^8 + 2^9 + 3^6 + 4^4 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$	18567 := $0^5 + 1^9 - 2^8 + 3^6 + 4^7 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$	18616 := $0^1 + 1^6 + 2^8 - 3^9 + 4^7 + 5^2 + 6^0 + 7^5 + 8^4 + 9^3$
18519 := $0^8 - 1^9 + 2^7 + 3^6 + 4^4 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2$	18568 := $0^7 - 1^9 + 2^8 + 3^6 + 4^3 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$	18617 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^1$
18520 := $0^7 + 1^8 + 2^9 + 3^6 + 4^4 + 5^3 + 6^0 + 7^5 + 8^1 + 9^2$	18569 := $0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^1 + 7^0 + 8^2 + 9^3$	18618 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$
18521 := $0^8 + 1^9 + 2^7 + 3^6 + 4^4 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2$	18570 := $0^7 + 1^9 + 2^8 + 3^6 + 4^3 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$	18619 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^4 + 9^2$
18522 := $-0^0 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^4 + 9^3$	18571 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^4 + 6^1 + 7^0 + 8^2 + 9^3$	18620 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$
18523 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^3 + 7^2 + 8^1 + 9^0$	18572 := $0^7 + 1^9 + 2^8 + 3^6 + 4^3 + 5^4 + 6^0 + 7^5 + 8^1 + 9^2$	18621 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
18524 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^3 + 7^2 + 8^0 + 9^1$	18573 := $0^7 - 1^8 + 2^9 + 3^3 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$	18622 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4$
18525 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^3 + 7^2 + 8^1 + 9^0$	18574 := $0^7 + 1^8 + 2^9 + 3^3 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$	18623 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^2 + 6^5 + 7^0 + 8^1 + 9^4$
18526 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^3 + 7^2 + 8^0 + 9^1$	18575 := $0^7 + 1^8 + 2^9 + 3^3 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$	18624 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$
18527 := $0^7 + 1^9 + 2^8 + 3^6 + 4^3 + 5^4 + 6^2 + 7^5 + 8^1 + 9^0$	18576 := $0^5 + 1^9 + 2^8 - 3^7 + 4^0 + 5^6 + 6^1 + 7^2 + 8^4 + 9^3$	18625 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$
18528 := $0^7 + 1^9 + 2^8 + 3^6 + 4^3 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1$	18577 := $0^8 + 1^9 - 2^5 + 3^6 + 4^7 + 5^3 + 6^4 + 7^0 + 8^2 + 9^1$	18626 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$
18529 := $0^8 - 1^9 + 2^7 + 3^6 + 4^2 + 5^4 + 6^3 + 7^5 + 8^1 + 9^0$	18578 := $0^8 - 1^9 + 2^7 + 3^6 + 4^0 + 5^4 + 6^3 + 7^5 + 8^2 + 9^1$	18627 := $0^1 + 1^6 + 2^8 - 3^9 + 4^7 + 5^0 + 6^2 + 7^5 + 8^4 + 9^3$
18530 := $0^8 - 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$	18579 := $0^8 + 1^9 - 2^1 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$	18628 := $0^5 - 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$
18531 := $0^8 + 1^9 + 2^7 + 3^6 + 4^2 + 5^4 + 6^3 + 7^5 + 8^1 + 9^0$	18580 := $0^8 + 1^9 + 2^7 + 3^6 + 4^0 + 5^4 + 6^3 + 7^5 + 8^2 + 9^1$	18629 := $0^5 - 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$
18532 := $0^8 + 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$	18581 := $0^8 - 1^9 + 2^1 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$	18630 := $0^5 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$
18533 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^2 + 6^4 + 7^1 + 8^3 + 9^0$	18582 := $0^5 - 1^9 - 2^8 + 3^6 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$	18631 := $0^5 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$
18534 := $0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$	18583 := $0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$	18632 := $0^7 - 1^9 + 2^4 + 3^8 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^1$
18535 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^2 + 6^4 + 7^0 + 8^3 + 9^1$	18584 := $0^8 - 1^9 + 2^0 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$	18633 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^4 + 7^1 + 8^2 + 9^0$
18536 := $0^8 + 1^9 + 2^7 + 3^5 + 4^3 + 5^6 + 6^0 + 7^4 + 8^2 + 9^1$	18585 := $0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^4 + 9^0$	18634 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^1$
18537 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^3 + 7^1 + 8^2 + 9^0$	18586 := $0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$	18635 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^4 + 7^0 + 8^2 + 9^1$
18538 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^4 + 6^2 + 7^1 + 8^0 + 9^3$	18587 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^4 + 9^0$	18636 := $0^7 + 1^9 + 2^8 + 3^5 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
18539 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^3 + 7^1 + 8^2 + 9^0$	18588 := $0^7 + 1^8 + 2^1 - 3^9 + 4^6 + 5^4 + 6^0 + 7^2 + 8^5 + 9^3$	18637 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$
18540 := $0^4 - 1^6 + 2^9 - 3^8 + 4^7 + 5^1 + 6^5 + 7^3 + 8^0 + 9^2$	18589 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^0 + 6^4 + 7^1 + 8^3 + 9^2$	18638 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$
18541 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^3 + 7^0 + 8^2 + 9^1$	18590 := $0^8 - 1^9 + 2^7 + 3^6 + 4^1 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$	18639 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$
18542 := $0^7 - 1^8 + 2^9 + 3^3 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$	18591 := $0^7 + 1^8 + 2^9 + 3^6 + 4^4 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0$	18640 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$
18543 := $0^7 + 1^8 + 2^9 + 3^3 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^0$	18592 := $0^8 + 1^9 + 2^7 + 3^6 + 4^1 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$	18641 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^3 + 6^4 + 7^0 + 8^2 + 9^1$
18544 := $0^7 + 1^8 + 2^9 + 3^3 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$	18593 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$	18642 := $0^8 - 1^9 + 2^7 + 3^3 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$

18643 := $0^8 - 1^9 + 2^7 + 3^0 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$	18692 := $0^8 + 1^9 + 2^7 + 3^6 + 4^4 + 5^1 + 6^2 + 7^5 + 8^0 + 9^3$	18741 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$
18644 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$	18693 := $0^7 - 1^0 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$	18742 := $0^5 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$
18645 := $0^8 + 1^9 + 2^7 + 3^0 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$	18694 := $-0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$	18743 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^3$
18646 := $0^7 - 1^9 + 2^8 + 3^6 + 4^4 + 5^1 + 6^0 + 7^5 + 8^3 + 9^2$	18695 := $0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$	18744 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1$
18647 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3$	18696 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$	18745 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^2 + 8^1 + 9^0$
18648 := $0^7 + 1^9 + 2^8 + 3^6 + 4^4 + 5^1 + 6^0 + 7^5 + 8^3 + 9^2$	18697 := $0^5 + 1^8 - 2^9 + 3^6 + 4^7 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3$	18746 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^1$
18649 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^3 + 6^5 + 7^0 + 8^2 + 9^1$	18698 := $0^8 - 1^9 + 2^7 + 3^5 + 4^1 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2$	18747 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^4 + 7^2 + 8^3 + 9^0$
18650 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2$	18699 := $0^3 - 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$	18748 := $0^7 - 1^9 + 2^8 + 3^3 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4$
18651 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$	18700 := $0^8 + 1^9 + 2^7 + 3^5 + 4^1 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2$	18749 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$
18652 := $0^7 + 1^9 + 2^0 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^4 + 9^3$	18701 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$	18750 := $0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4$
18653 := $0^1 - 1^9 - 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3$	18702 := $0^8 + 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$	18751 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$
18654 := $0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2$	18703 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^0 + 8^4 + 9^1$	18752 := $0^4 + 1^8 - 2^9 - 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^3 + 9^1$
18655 := $0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$	18704 := $0^8 + 1^9 + 2^7 + 3^2 + 4^6 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4$	18753 := $0^3 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^2$
18656 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2$	18705 := $0^8 + 1^9 + 2^7 + 3^2 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$	18754 := $0^5 - 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$
18657 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$	18706 := $0^7 - 1^9 + 2^8 + 3^6 + 4^0 + 5^4 + 6^3 + 7^5 + 8^2 + 9^1$	18755 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^2$
18658 := $0^7 - 1^9 + 2^1 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$	18707 := $0^7 - 1^9 + 2^6 + 3^8 + 4^1 + 5^3 + 6^5 + 7^0 + 8^4 + 9^2$	18756 := $0^5 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$
18659 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$	18708 := $0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^4 + 6^3 + 7^5 + 8^2 + 9^1$	18757 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^1 + 8^4 + 9^2$
18660 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$	18709 := $0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^3 + 6^5 + 7^0 + 8^4 + 9^2$	18758 := $0^5 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^0 + 7^3 + 8^1 + 9^2$
18661 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^2 + 6^5 + 7^0 + 8^4 + 9^1$	18710 := $0^7 - 1^9 + 2^6 + 3^8 + 4^0 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$	18759 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^1 + 8^2 + 9^0$
18662 := $0^7 - 1^9 + 2^0 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$	18711 := $0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$	18760 := $-0^0 + 1^9 - 2^6 - 3^8 + 4^7 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$
18663 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$	18712 := $0^7 + 1^9 + 2^6 + 3^8 + 4^0 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$	18761 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$
18664 := $0^7 + 1^9 + 2^0 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$	18713 := $0^5 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0$	18762 := $0^0 + 1^9 - 2^6 - 3^8 + 4^7 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$
18665 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$	18714 := $0^5 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1$	18763 := $0^2 - 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$
18666 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$	18715 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^0 + 6^5 + 7^1 + 8^4 + 9^2$	18764 := $0^7 - 1^9 - 2^8 + 3^5 + 4^2 + 5^6 + 6^1 + 7^4 + 8^0 + 9^3$
18667 := $0^8 - 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$	18716 := $0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$	18765 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$
18668 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1$	18717 := $0^8 + 1^9 - 2^7 + 3^1 + 4^6 + 5^0 + 6^5 + 7^3 + 8^2 + 9^4$	18766 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^2 + 7^1 + 8^0 + 9^3$
18669 := $0^8 + 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$	18718 := $0^7 - 1^9 + 2^8 + 3^6 + 4^1 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$	18767 := $0^7 + 1^9 + 2^8 + 3^1 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$
18670 := $0^8 - 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$	18719 := $0^8 - 1^9 + 2^7 + 3^6 + 4^4 + 5^0 + 6^1 + 7^5 + 8^2 + 9^3$	18768 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^2 + 7^1 + 8^0 + 9^3$
18671 := $0^8 + 1^9 + 2^7 + 3^1 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$	18720 := $0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$	18769 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^2 + 7^0 + 8^1 + 9^3$
18672 := $0^8 + 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$	18721 := $0^8 + 1^9 + 2^7 + 3^6 + 4^4 + 5^0 + 6^1 + 7^5 + 8^2 + 9^3$	18770 := $0^7 - 1^9 + 2^8 + 3^3 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$
18673 := $0^8 - 1^9 + 2^7 + 3^0 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2$	18722 := $0^7 - 1^9 + 2^8 + 3^6 + 4^0 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$	18771 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$
18674 := $0^7 - 1^9 - 2^8 + 3^6 + 4^1 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$	18723 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$	18772 := $0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$
18675 := $0^8 + 1^9 + 2^7 + 3^0 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2$	18724 := $0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$	18773 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3$
18676 := $0^7 - 1^9 + 2^8 + 3^5 + 4^3 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$	18725 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^4 + 7^1 + 8^3 + 9^0$	18774 := $0^4 - 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$
18677 := $0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^3 + 6^5 + 7^2 + 8^4 + 9^0$	18726 := $0^7 - 1^9 - 2^8 + 3^6 + 4^2 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$	18775 := $0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^0 + 6^5 + 7^2 + 8^1 + 9^4$
18678 := $0^7 + 1^9 + 2^8 + 3^5 + 4^3 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$	18727 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$	18776 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$
18679 := $0^6 - 1^9 + 2^7 + 3^8 + 4^3 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$	18728 := $0^7 + 1^9 - 2^8 + 3^6 + 4^2 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$	18777 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^2$
18680 := $0^7 + 1^9 + 2^8 + 3^5 + 4^3 + 5^6 + 6^0 + 7^4 + 8^1 + 9^2$	18729 := $0^7 - 1^9 + 2^8 + 3^2 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$	18778 := $-0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1$
18681 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$	18730 := $0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$	18779 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^4 + 7^0 + 8^3 + 9^2$
18682 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$	18731 := $0^7 + 1^9 + 2^8 + 3^2 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$	18780 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1$
18683 := $0^8 + 1^9 + 2^7 + 3^5 + 4^1 + 5^6 + 6^3 + 7^4 + 8^2 + 9^0$	18732 := $0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^3 + 6^0 + 7^4 + 8^1 + 9^2$	18781 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0$
18684 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^0 + 7^3 + 8^1 + 9^2$	18733 := $0^7 + 1^9 + 2^8 + 3^2 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^1$	18782 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^0 + 7^2 + 8^1 + 9^3$
18685 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$	18734 := $0^4 - 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^0 + 9^2$	18783 := $0^7 + 1^8 + 2^9 + 3^6 + 4^3 + 5^4 + 6^2 + 7^5 + 8^1 + 9^0$
18686 := $0^8 - 1^9 + 2^7 + 3^5 + 4^0 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1$	18735 := $0^5 + 1^8 - 2^9 + 3^7 + 4^3 + 5^6 + 6^4 + 7^0 + 8^2 + 9^1$	18784 := $0^7 + 1^8 + 2^9 + 3^6 + 4^3 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1$
18687 := $0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2$	18736 := $0^4 + 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^0 + 9^2$	18785 := $0^7 - 1^9 + 2^8 + 3^3 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4$
18688 := $0^8 + 1^9 + 2^7 + 3^5 + 4^0 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1$	18737 := $0^5 - 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0$	18786 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$
18689 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2$	18738 := $0^8 - 1^9 + 2^7 + 3^1 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$	18787 := $0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4$
18690 := $0^8 - 1^9 + 2^7 + 3^6 + 4^4 + 5^1 + 6^2 + 7^5 + 8^0 + 9^3$	18739 := $0^5 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0$	18788 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$
18691 := $0^3 - 1^8 + 2^7 - 3^9 + 4^6 + 5^1 + 6^4 + 7^0 + 8^5 + 9^2$	18740 := $0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$	18789 := $0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^0 + 6^5 + 7^1 + 8^2 + 9^4$

18790 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$
18791 := $0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$
18792 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$
18793 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^1 + 7^0 + 8^2 + 9^3$
18794 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^0 + 7^1 + 8^2 + 9^3$
18795 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^1 + 7^0 + 8^2 + 9^3$
18796 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^0 + 7^1 + 8^2 + 9^3$
18797 := $0^7 - 1^9 + 2^8 + 3^1 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$
18798 := $0^7 - 1^9 - 2^6 + 3^8 + 4^0 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$
18799 := $0^7 + 1^9 + 2^8 + 3^1 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$
18800 := $0^7 + 1^9 - 2^6 + 3^8 + 4^0 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$
18801 := $0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$
18802 := $0^8 - 1^9 - 2^7 + 3^6 + 4^1 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$
18803 := $0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^4 + 9^1$
18804 := $0^8 + 1^9 - 2^7 + 3^6 + 4^1 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$
18805 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0$
18806 := $0^8 - 1^9 - 2^5 + 3^6 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$
18807 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0$
18808 := $0^7 - 1^9 + 2^8 + 3^6 + 4^4 + 5^2 + 6^1 + 7^5 + 8^0 + 9^3$
18809 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^2 + 7^0 + 8^3 + 9^1$
18810 := $0^7 + 1^9 + 2^8 + 3^6 + 4^4 + 5^2 + 6^1 + 7^5 + 8^0 + 9^3$
18811 := $0^7 + 1^9 + 2^8 + 3^5 + 4^1 + 5^6 + 6^3 + 7^4 + 8^2 + 9^0$
18812 := $0^7 + 1^8 + 2^9 + 3^6 + 4^3 + 5^4 + 6^0 + 7^5 + 8^2 + 9^1$
18813 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^4 + 7^3 + 8^1 + 9^0$
18814 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^4 + 7^3 + 8^0 + 9^1$
18815 := $0^7 + 1^9 + 2^8 - 3^2 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$
18816 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
18817 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$
18818 := $0^7 - 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$
18819 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$
18820 := $0^7 + 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$
18821 := $0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^2$
18822 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^4 + 9^2$
18823 := $0^7 + 1^9 + 2^8 + 3^6 + 4^4 + 5^0 + 6^2 + 7^5 + 8^1 + 9^3$
18824 := $0^7 - 1^8 + 2^9 + 3^6 + 4^3 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$
18825 := $0^8 + 1^9 + 2^7 + 3^6 + 4^2 + 5^4 + 6^1 + 7^5 + 8^3 + 9^0$
18826 := $0^7 + 1^8 + 2^9 + 3^6 + 4^3 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$
18827 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^1 + 9^0$
18828 := $0^7 + 1^8 + 2^9 + 3^6 + 4^3 + 5^4 + 6^0 + 7^5 + 8^1 + 9^2$
18829 := $0^7 + 1^8 - 2^9 + 3^0 + 4^5 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1$
18830 := $0^7 - 1^9 + 2^8 + 3^2 + 4^6 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4$
18831 := $0^7 - 1^9 + 2^8 + 3^2 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$
18832 := $0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4$
18833 := $0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$
18834 := $0^8 + 1^9 - 2^7 + 3^6 + 4^0 + 5^4 + 6^1 + 7^5 + 8^2 + 9^3$
18835 := $0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$
18836 := $0^8 - 1^9 - 2^5 + 3^7 + 4^4 + 5^6 + 6^0 + 7^1 + 8^2 + 9^3$
18837 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$
18838 := $-0^0 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$

18839 := $0^9 - 1^0 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$
18840 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$
18841 := $0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$
18842 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$
18843 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^4 + 9^0$
18844 := $-0^0 - 1^7 + 2^8 - 3^9 + 4^6 + 5^4 + 6^1 + 7^2 + 8^5 + 9^3$
18845 := $0^7 + 1^8 - 2^9 + 3^0 + 4^5 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2$
18846 := $0^7 - 1^9 + 2^8 + 3^6 + 4^4 + 5^1 + 6^0 + 7^5 + 8^2 + 9^3$
18847 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$
18848 := $0^7 + 1^9 + 2^8 + 3^6 + 4^4 + 5^1 + 6^0 + 7^5 + 8^2 + 9^3$
18849 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$
18850 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$
18851 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^1 + 7^0 + 8^3 + 9^2$
18852 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1$
18853 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$
18854 := $0^5 - 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1$
18855 := $0^5 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^3 + 7^2 + 8^1 + 9^0$
18856 := $0^5 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1$
18857 := $0^7 - 1^8 + 2^9 + 3^6 + 4^4 + 5^1 + 6^2 + 7^5 + 8^3 + 9^0$
18858 := $0^8 + 1^9 + 2^6 - 3^5 + 4^7 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$
18859 := $0^7 + 1^8 + 2^9 + 3^6 + 4^4 + 5^1 + 6^2 + 7^5 + 8^3 + 9^0$
18860 := $0^0 + 1^9 + 2^6 - 3^8 + 4^7 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1$
18861 := $0^8 + 1^9 + 2^7 + 3^0 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$
18862 := $0^7 + 1^9 + 2^8 - 3^1 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$
18863 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^4 + 7^1 + 8^2 + 9^0$
18864 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$
18865 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^4 + 7^0 + 8^2 + 9^1$
18866 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$
18867 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^2 + 9^1$
18868 := $0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$
18869 := $0^5 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$
18870 := $0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$
18871 := $0^5 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^3 + 7^0 + 8^2 + 9^1$
18872 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$
18873 := $0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$
18874 := $0^8 + 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^2 + 7^1 + 8^0 + 9^3$
18875 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^4 + 9^2$
18876 := $0^7 + 1^9 + 2^6 + 3^8 + 4^0 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$
18877 := $0^4 + 1^9 - 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^2 + 8^3 + 9^1$
18878 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2$
18879 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$
18880 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2$
18881 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$
18882 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$
18883 := $0^5 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^2 + 7^0 + 8^3 + 9^1$
18884 := $0^5 - 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$
18885 := $0^5 - 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$
18886 := $0^5 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$
18887 := $0^5 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$

18888 := $0^8 + 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^0 + 7^2 + 8^1 + 9^3$
18889 := $0^7 - 1^8 + 2^9 + 3^0 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$
18890 := $0^8 + 1^9 + 2^7 + 3^6 + 4^0 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2$
18891 := $0^7 + 1^8 + 2^9 + 3^0 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$
18892 := $0^7 + 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
18893 := $0^5 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$
18894 := $0^5 - 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$
18895 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3$
18896 := $0^5 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$
18897 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^0 + 6^5 + 7^1 + 8^4 + 9^3$
18898 := $0^2 - 1^7 - 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1$
18899 := $0^8 - 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$
18900 := $0^8 - 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^0 + 7^1 + 8^2 + 9^3$
18901 := $0^8 + 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$
18902 := $0^8 + 1^9 + 2^5 + 3^7 + 4^4 + 5^6 + 6^0 + 7^1 + 8^2 + 9^3$
18903 := $0^7 - 1^8 + 2^9 + 3^6 + 4^4 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2$
18904 := $0^7 + 1^8 + 2^9 + 3^6 + 4^4 + 5^1 + 6^0 + 7^5 + 8^3 + 9^2$
18905 := $0^7 + 1^8 + 2^9 + 3^6 + 4^4 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2$
18906 := $0^7 - 1^8 + 2^0 - 3^9 + 4^6 + 5^1 + 6^4 + 7^3 + 8^5 + 9^2$
18907 := $0^4 + 1^9 - 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^1 + 8^3 + 9^2$
18908 := $0^6 - 1^8 - 2^9 + 3^7 + 4^4 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$
18909 := $0^6 + 1^8 - 2^9 + 3^7 + 4^4 + 5^3 + 6^2 + 7^5 + 8^1 + 9^0$
18910 := $0^6 + 1^8 - 2^9 + 3^7 + 4^4 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$
18911 := $0^8 - 1^9 + 2^1 + 3^7 + 4^6 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3$
18912 := $0^7 + 1^9 - 2^8 + 3^3 + 4^5 + 5^6 + 6^0 + 7^4 + 8^1 + 9^2$
18913 := $0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3$
18914 := $0^7 - 1^8 + 2^9 + 3^6 + 4^2 + 5^4 + 6^3 + 7^5 + 8^0 + 9^1$
18915 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^4 + 6^3 + 7^5 + 8^1 + 9^0$
18916 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^4 + 6^3 + 7^5 + 8^0 + 9^1$
18917 := $0^7 + 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^1 + 7^4 + 8^2 + 9^0$
18918 := $0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3$
18919 := $0^7 + 1^8 - 2^9 + 3^6 + 4^1 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2$
18920 := $0^7 + 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^0 + 7^4 + 8^2 + 9^1$
18921 := $0^8 - 1^9 + 2^7 + 3^2 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4$
18922 := $0^5 - 1^8 - 2^3 - 3^9 + 4^7 + 5^6 + 6^2 + 7^1 + 8^0 + 9^4$
18923 := $0^8 + 1^9 + 2^7 + 3^2 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4$
18924 := $0^5 - 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$
18925 := $0^5 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$
18926 := $0^5 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$
18927 := $0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$
18928 := $0^7 + 1^9 + 2^6 + 3^8 + 4^0 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$
18929 := $0^6 - 1^9 + 2^7 + 3^8 + 4^2 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$
18930 := $0^7 + 1^9 + 2^8 - 3^2 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3$
18931 := $0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$
18932 := $0^7 - 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$
18933 := $0^8 + 1^9 + 2^7 + 3^5 + 4^2 + 5^6 + 6^1 + 7^4 + 8^3 + 9^0$
18934 := $0^7 + 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$
18935 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0$
18936 := $0^7 + 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^0 + 7^4 + 8^1 + 9^2$

18937 := $0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$	18986 := $0^6 + 1^9 - 2^8 + 3^5 + 4^7 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$	19035 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^4 + 7^0 + 8^3 + 9^2$
18938 := $0^4 - 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^0 + 9^1$	18987 := $0^7 + 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$	19036 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3$
18939 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^1 + 9^0$	18988 := $0^6 + 1^9 - 2^8 + 3^5 + 4^7 + 5^3 + 6^0 + 7^4 + 8^1 + 9^2$	19037 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0$
18940 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^0 + 9^1$	18989 := $0^7 + 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^1$	19038 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^0 + 7^2 + 8^1 + 9^3$
18941 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3$	18990 := $0^4 - 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^0 + 9^2$	19039 := $0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^1 + 6^4 + 7^0 + 8^3 + 9^2$
18942 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^4 + 7^1 + 8^0 + 9^3$	18991 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$	19040 := $0^8 - 1^9 + 2^7 + 3^6 + 4^2 + 5^4 + 6^1 + 7^5 + 8^0 + 9^3$
18943 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3$	18992 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^0 + 9^2$	19041 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^1 + 6^4 + 7^0 + 8^3 + 9^2$
18944 := $0^6 + 1^9 - 2^8 + 3^5 + 4^7 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$	18993 := $0^4 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^2$	19042 := $0^8 + 1^9 + 2^7 + 3^6 + 4^2 + 5^4 + 6^1 + 7^5 + 8^0 + 9^3$
18945 := $0^8 + 1^9 - 2^5 + 3^6 + 4^7 + 5^1 + 6^4 + 7^2 + 8^3 + 9^0$	18994 := $0^8 - 1^9 + 2^7 + 3^5 + 4^1 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$	19043 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^4 + 7^3 + 8^1 + 9^0$
18946 := $0^7 - 1^9 + 2^8 + 3^2 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3$	18995 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^2$	19044 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^4 + 7^3 + 8^0 + 9^1$
18947 := $0^7 - 1^9 + 2^8 + 3^2 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$	18996 := $0^8 + 1^9 + 2^7 + 3^5 + 4^1 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$	19045 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^2 + 6^5 + 7^0 + 8^4 + 9^1$
18948 := $0^7 + 1^9 + 2^8 + 3^2 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3$	18997 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^2 + 6^5 + 7^0 + 8^3 + 9^1$	19046 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$
18949 := $0^7 + 1^9 + 2^8 + 3^2 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$	18998 := $0^5 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$	19047 := $0^7 - 1^9 + 2^4 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^3 + 9^2$
18950 := $0^6 - 1^8 - 2^9 + 3^7 + 4^4 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$	18999 := $0^7 + 1^9 + 2^8 + 3^1 + 4^5 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3$	19048 := $0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^1 + 6^5 + 7^3 + 8^0 + 9^4$
18951 := $0^8 + 1^9 + 2^7 + 3^5 + 4^1 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0$	19000 := $0^6 - 1^9 - 2^1 - 3^8 + 4^7 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$	19049 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^3 + 9^2$
18952 := $0^6 + 1^8 - 2^9 + 3^7 + 4^4 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$	19001 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^4 + 7^2 + 8^3 + 9^0$	19050 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^0 + 7^1 + 8^2 + 9^3$
18953 := $0^7 + 1^9 + 2^8 + 3^6 + 4^2 + 5^4 + 6^1 + 7^5 + 8^3 + 9^0$	19002 := $0^6 + 1^9 - 2^1 - 3^8 + 4^7 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$	19051 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^1 + 7^0 + 8^2 + 9^3$
18954 := $0^7 - 1^9 + 2^8 + 3^6 + 4^2 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$	19003 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^4 + 7^2 + 8^3 + 9^0$	19052 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^0 + 7^1 + 8^2 + 9^3$
18955 := $0^1 + 1^7 - 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$	19004 := $0^7 - 1^8 + 2^9 + 3^3 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4$	19053 := $0^7 - 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$
18956 := $0^7 + 1^9 + 2^8 + 3^6 + 4^2 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$	19005 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$	19054 := $0^7 - 1^9 + 2^8 - 3^1 + 4^6 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$
18957 := $0^7 - 1^8 + 2^9 + 3^6 + 4^1 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0$	19006 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4$	19055 := $0^7 + 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$
18958 := $0^4 + 1^9 - 2^8 - 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^1 + 9^2$	19007 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$	19056 := $0^7 + 1^9 + 2^8 - 3^1 + 4^6 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$
18959 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0$	19008 := $0^4 + 1^9 - 2^8 - 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^3 + 9^1$	19057 := $0^7 - 1^8 + 2^9 + 3^0 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2$
18960 := $-0^0 - 1^7 - 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$	19009 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^1 + 6^4 + 7^2 + 8^3 + 9^0$	19058 := $0^8 - 1^9 + 2^7 + 3^6 + 4^1 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$
18961 := $0^7 - 1^0 - 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$	19010 := $0^5 - 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$	19059 := $0^7 + 1^8 + 2^9 + 3^0 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2$
18962 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3$	19011 := $0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$	19060 := $0^8 + 1^9 + 2^7 + 3^6 + 4^1 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$
18963 := $0^7 + 1^0 - 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$	19012 := $0^5 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$	19061 := $0^7 + 1^9 + 2^8 + 3^5 + 4^2 + 5^6 + 6^1 + 7^4 + 8^3 + 9^0$
18964 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3$	19013 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$	19062 := $0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$
18965 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3$	19014 := $0^5 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^0 + 7^3 + 8^1 + 9^2$	19063 := $0^6 - 1^7 + 2^9 + 3^8 + 4^3 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$
18966 := $0^5 + 1^8 - 2^9 + 3^7 + 4^2 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$	19015 := $0^2 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$	19064 := $0^7 + 1^9 + 2^8 + 3^5 + 4^2 + 5^6 + 6^0 + 7^4 + 8^3 + 9^1$
18967 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3$	19016 := $0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2$	19065 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$
18968 := $0^5 - 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1$	19017 := $0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$	19066 := $0^7 + 1^8 + 2^9 + 3^6 + 4^4 + 5^2 + 6^1 + 7^5 + 8^0 + 9^3$
18969 := $0^5 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0$	19018 := $0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2$	19067 := $0^7 + 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^3 + 7^4 + 8^2 + 9^0$
18970 := $0^5 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1$	19019 := $0^2 - 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$	19068 := $0^7 + 1^8 + 2^9 + 3^6 + 4^4 + 5^2 + 6^0 + 7^5 + 8^1 + 9^3$
18971 := $0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$	19020 := $0^3 + 1^9 - 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$	19069 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
18972 := $0^1 + 1^7 - 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$	19021 := $0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$	19070 := $0^7 - 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1$
18973 := $0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^0 + 6^5 + 7^3 + 8^2 + 9^4$	19022 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^2 + 7^1 + 8^0 + 9^3$	19071 := $0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^1 + 6^2 + 7^4 + 8^3 + 9^0$
18974 := $0^7 - 1^8 + 2^9 + 3^6 + 4^1 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$	19023 := $0^7 + 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$	19072 := $0^7 + 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1$
18975 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^2 + 9^0$	19024 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^2 + 7^1 + 8^0 + 9^3$	19073 := $0^6 - 1^8 - 2^9 + 3^5 + 4^7 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$
18976 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$	19025 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^2 + 7^0 + 8^1 + 9^3$	19074 := $0^7 - 1^8 + 2^9 + 3^6 + 4^4 + 5^1 + 6^2 + 7^5 + 8^0 + 9^3$
18977 := $0^4 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^2 + 9^1$	19026 := $0^7 - 1^8 + 2^9 + 3^3 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$	19075 := $0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$
18978 := $0^7 - 1^8 + 2^9 + 3^6 + 4^0 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$	19027 := $0^7 - 1^8 + 2^9 + 3^0 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$	19076 := $0^7 + 1^8 + 2^9 + 3^6 + 4^4 + 5^1 + 6^2 + 7^5 + 8^0 + 9^3$
18979 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^2 + 9^1$	19028 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$	19077 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$
18980 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$	19029 := $0^7 + 1^8 + 2^9 + 3^0 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$	19078 := $0^7 - 1^8 - 2^9 + 3^6 + 4^1 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$
18981 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^4 + 7^1 + 8^3 + 9^0$	19030 := $0^5 + 1^8 - 2^9 + 3^7 + 4^0 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$	19079 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$
18982 := $0^7 - 1^9 + 2^8 + 3^1 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$	19031 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^0 + 6^5 + 7^2 + 8^1 + 9^4$	19080 := $0^7 + 1^8 - 2^9 + 3^6 + 4^1 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$
18983 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^4 + 7^0 + 8^3 + 9^1$	19032 := $0^8 + 1^9 + 2^6 - 3^7 + 4^0 + 5^2 + 6^3 + 7^5 + 8^4 + 9^1$	19081 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$
18984 := $0^7 + 1^9 + 2^8 + 3^1 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$	19033 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^4 + 7^0 + 8^3 + 9^2$	19082 := $0^7 - 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2$
18985 := $0^7 - 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$	19034 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3$	19083 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$

19084 := $0^7 + 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2$	19133 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^2 + 8^3 + 9^1$	19182 := $0^5 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$
19085 := $0^7 + 1^9 - 2^8 + 3^0 + 4^5 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1$	19134 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2$	19183 := $0^8 - 1^9 + 2^4 - 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$
19086 := $0^7 - 1^8 + 2^9 + 3^2 + 4^6 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4$	19135 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$	19184 := $0^6 + 1^9 + 2^8 - 3^7 + 4^1 + 5^3 + 6^0 + 7^5 + 8^4 + 9^2$
19087 := $0^7 - 1^8 + 2^9 + 3^2 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$	19136 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2$	19185 := $0^7 - 1^9 + 2^8 + 3^6 + 4^3 + 5^2 + 6^4 + 7^5 + 8^1 + 9^0$
19088 := $0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4$	19137 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$	19186 := $0^7 - 1^9 + 2^8 + 3^6 + 4^1 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$
19089 := $0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$	19138 := $0^7 - 1^9 - 2^3 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$	19187 := $0^7 + 1^9 + 2^8 + 3^6 + 4^3 + 5^2 + 6^4 + 7^5 + 8^1 + 9^0$
19090 := $0^8 + 1^9 + 2^7 + 3^6 + 4^0 + 5^4 + 6^1 + 7^5 + 8^2 + 9^3$	19139 := $0^5 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^2 + 7^0 + 8^3 + 9^1$	19188 := $0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$
19091 := $0^8 + 1^9 + 2^7 + 3^2 + 4^6 + 5^0 + 6^5 + 7^1 + 8^3 + 9^4$	19140 := $0^7 + 1^9 - 2^3 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$	19189 := $0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$
19092 := $0^7 - 1^8 + 2^9 - 3^5 + 4^1 + 5^6 + 6^0 + 7^4 + 8^2 + 9^3$	19141 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^2 + 9^1$	19190 := $0^7 - 1^9 + 2^8 + 3^6 + 4^0 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3$
19093 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$	19142 := $0^2 - 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4$	19191 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$
19094 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$	19143 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^1 + 8^2 + 9^0$	19192 := $0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3$
19095 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$	19144 := $-0^0 - 1^7 - 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$	19193 := $0^9 - 1^0 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^3$
19096 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$	19145 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^0 + 8^2 + 9^1$	19194 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^3$
19097 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^3 + 6^5 + 7^0 + 8^4 + 9^1$	19146 := $-0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$	19195 := $0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^3$
19098 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$	19147 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3$	19196 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^3$
19099 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^4 + 7^3 + 8^1 + 9^2$	19148 := $0^8 - 1^9 + 2^7 + 3^5 + 4^2 + 5^6 + 6^1 + 7^4 + 8^0 + 9^3$	19197 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3$
19100 := $0^6 - 1^9 + 2^8 - 3^5 + 4^7 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$	19149 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^1 + 8^4 + 9^3$	19198 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^4 + 7^1 + 8^0 + 9^3$
19101 := $0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^0 + 6^5 + 7^3 + 8^2 + 9^4$	19150 := $0^8 + 1^9 + 2^7 + 3^5 + 4^2 + 5^6 + 6^1 + 7^4 + 8^0 + 9^3$	19199 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3$
19102 := $0^7 - 1^8 + 2^9 + 3^6 + 4^4 + 5^1 + 6^0 + 7^5 + 8^2 + 9^3$	19151 := $0^7 - 1^9 - 2^6 + 3^8 + 4^1 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$	19200 := $0^8 + 1^9 - 2^5 + 3^7 + 4^3 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$
19103 := $0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$	19152 := $0^5 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$	19201 := $0^1 + 1^8 + 2^5 - 3^9 + 4^7 + 5^6 + 6^3 + 7^0 + 8^2 + 9^4$
19104 := $0^7 + 1^8 + 2^9 + 3^6 + 4^4 + 5^1 + 6^0 + 7^5 + 8^2 + 9^3$	19153 := $0^8 - 1^9 + 2^7 + 3^6 + 4^1 + 5^3 + 6^4 + 7^5 + 8^2 + 9^0$	19202 := $0^7 - 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3$
19105 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$	19154 := $0^7 - 1^9 + 2^3 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$	19203 := $0^7 - 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$
19106 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$	19155 := $0^8 + 1^9 + 2^7 + 3^6 + 4^1 + 5^3 + 6^4 + 7^5 + 8^2 + 9^0$	19204 := $0^7 + 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3$
19107 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^0$	19156 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$	19205 := $0^7 + 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$
19108 := $0^5 - 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^1 + 7^2 + 8^0 + 9^3$	19157 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3$	19206 := $0^6 - 1^9 - 2^8 + 3^7 + 4^4 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$
19109 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^0 + 8^3 + 9^1$	19158 := $0^8 + 1^9 + 2^4 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$	19207 := $0^7 - 1^8 + 2^9 + 3^6 + 4^2 + 5^4 + 6^1 + 7^5 + 8^3 + 9^0$
19110 := $0^5 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^1 + 7^2 + 8^0 + 9^3$	19159 := $0^8 + 1^9 + 2^4 + 3^7 + 4^5 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$	19208 := $0^6 + 1^9 - 2^8 + 3^7 + 4^4 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$
19111 := $0^8 + 1^9 + 2^7 + 3^6 + 4^2 + 5^3 + 6^4 + 7^5 + 8^1 + 9^0$	19160 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$	19209 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^4 + 6^1 + 7^5 + 8^3 + 9^0$
19112 := $0^5 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^0 + 7^2 + 8^1 + 9^3$	19161 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^2$	19210 := $0^7 - 1^8 + 2^9 + 3^6 + 4^2 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$
19113 := $0^8 - 1^9 + 2^7 + 3^6 + 4^3 + 5^0 + 6^4 + 7^5 + 8^1 + 9^2$	19162 := $-0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^4 + 9^3$	19211 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^4 + 7^1 + 8^3 + 9^0$
19114 := $0^6 - 1^8 - 2^9 + 3^5 + 4^7 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2$	19163 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^1 + 8^3 + 9^2$	19212 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$
19115 := $0^8 + 1^9 + 2^7 + 3^6 + 4^3 + 5^0 + 6^4 + 7^5 + 8^1 + 9^2$	19164 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^4 + 9^3$	19213 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^4 + 7^0 + 8^3 + 9^1$
19116 := $0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2$	19165 := $0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3$	19214 := $0^7 - 1^9 + 2^8 + 3^6 + 4^1 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$
19117 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^4 + 7^1 + 8^2 + 9^0$	19166 := $0^8 - 1^9 + 2^7 + 3^5 + 4^1 + 5^6 + 6^2 + 7^4 + 8^0 + 9^3$	19215 := $0^7 - 1^9 + 2^8 + 3^2 + 4^6 + 5^1 + 6^5 + 7^0 + 8^3 + 9^4$
19118 := $0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1$	19167 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3$	19216 := $0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$
19119 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^4 + 7^1 + 8^2 + 9^0$	19168 := $0^8 + 1^9 + 2^7 + 3^5 + 4^1 + 5^6 + 6^2 + 7^4 + 8^0 + 9^3$	19217 := $0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^1 + 6^5 + 7^0 + 8^3 + 9^4$
19120 := $0^7 + 1^8 - 2^9 + 3^6 + 4^0 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$	19169 := $0^4 + 1^9 + 2^8 - 3^7 + 4^6 + 5^3 + 6^1 + 7^5 + 8^2 + 9^0$	19218 := $0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^4 + 6^1 + 7^5 + 8^2 + 9^3$
19121 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^4 + 7^0 + 8^2 + 9^1$	19170 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$	19219 := $0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^0 + 6^5 + 7^1 + 8^3 + 9^4$
19122 := $0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$	19171 := $0^9 - 1^0 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3$	19220 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3$
19123 := $0^5 - 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$	19172 := $0^7 + 1^9 + 2^8 + 3^6 + 4^2 + 5^4 + 6^0 + 7^5 + 8^1 + 9^3$	19221 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3$
19124 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$	19173 := $0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3$	19222 := $0^5 + 1^9 - 2^8 + 3^7 + 4^2 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$
19125 := $0^5 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$	19174 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3$	19223 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3$
19126 := $0^5 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^0 + 7^1 + 8^2 + 9^3$	19175 := $0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$	19224 := $0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3$
19127 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^4 + 9^3$	19176 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$	19225 := $0^7 - 1^8 + 2^9 + 3^6 + 4^1 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$
19128 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^4 + 9^3$	19177 := $0^8 + 1^9 - 2^5 + 3^6 + 4^7 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3$	19226 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3$
19129 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^2 + 8^1 + 9^0$	19178 := $0^8 + 1^9 - 2^6 + 3^5 + 4^7 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$	19227 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$
19130 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^1$	19179 := $0^5 - 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$	19228 := $0^8 - 1^9 - 2^5 + 3^7 + 4^3 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$
19131 := $0^4 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^2 + 8^3 + 9^1$	19180 := $0^5 - 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$	19229 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3$
19132 := $0^7 + 1^9 - 2^6 + 3^8 + 4^0 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3$	19181 := $0^5 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$	19230 := $0^7 - 1^8 + 2^9 + 3^6 + 4^0 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1$

19231 := $0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4$	19280 := $0^7 + 1^9 + 2^8 + 3^5 + 4^2 + 5^6 + 6^0 + 7^4 + 8^1 + 9^3$	19329 := $0^6 - 1^9 - 2^8 + 3^5 + 4^7 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$
19232 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1$	19281 := $0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$	19330 := $-0^0 - 1^7 - 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
19233 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^4 + 7^2 + 8^3 + 9^0$	19282 := $0^7 + 1^9 + 2^6 + 3^8 + 4^0 + 5^1 + 6^5 + 7^2 + 8^4 + 9^3$	19331 := $0^6 + 1^9 - 2^8 + 3^5 + 4^7 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$
19234 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^3$	19283 := $0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^3 + 6^4 + 7^5 + 8^2 + 9^0$	19332 := $-0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
19235 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3$	19284 := $0^8 + 1^9 + 2^4 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$	19333 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$
19236 := $0^8 - 1^9 - 2^4 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$	19285 := $0^2 + 1^7 - 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$	19334 := $0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
19237 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$	19286 := $0^8 + 1^9 + 2^4 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^1 + 9^2$	19335 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$
19238 := $0^7 - 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$	19287 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^3 + 6^1 + 7^4 + 8^2 + 9^0$	19336 := $0^7 + 1^8 - 2^9 + 3^1 + 4^5 + 5^6 + 6^0 + 7^4 + 8^2 + 9^3$
19239 := $0^7 + 1^9 + 2^8 + 3^6 + 4^2 + 5^3 + 6^4 + 7^5 + 8^1 + 9^0$	19288 := $0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$	19337 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$
19240 := $0^7 + 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$	19289 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^3 + 6^1 + 7^4 + 8^2 + 9^0$	19338 := $0^7 - 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1$
19241 := $0^8 + 1^9 + 2^4 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0$	19290 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$	19339 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$
19242 := $0^8 + 1^9 + 2^4 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1$	19291 := $0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^0 + 6^2 + 7^4 + 8^1 + 9^3$	19340 := $0^7 + 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1$
19243 := $0^7 + 1^9 + 2^8 + 3^6 + 4^3 + 5^0 + 6^4 + 7^5 + 8^1 + 9^2$	19292 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$	19341 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$
19244 := $0^3 - 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^1$	19293 := $0^8 - 1^9 + 2^5 + 3^7 + 4^3 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$	19342 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$
19245 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^0$	19294 := $0^8 + 1^9 + 2^5 + 3^7 + 4^3 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$	19343 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$
19246 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^1$	19295 := $0^8 + 1^9 + 2^5 + 3^7 + 4^3 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$	19344 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$
19247 := $0^7 - 1^9 + 2^4 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3$	19296 := $0^7 + 1^9 + 2^8 + 3^5 + 4^1 + 5^6 + 6^2 + 7^4 + 8^0 + 9^3$	19345 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$
19248 := $0^8 + 1^9 - 2^4 - 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^3 + 9^1$	19297 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^4 + 7^3 + 8^1 + 9^0$	19346 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^3$
19249 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3$	19298 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^4 + 7^3 + 8^0 + 9^1$	19347 := $0^4 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^2 + 8^1 + 9^3$
19250 := $0^8 - 1^9 + 2^7 + 3^3 + 4^5 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$	19299 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^4 + 7^3 + 8^1 + 9^0$	19348 := $0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$
19251 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^0 + 6^5 + 7^1 + 8^2 + 9^3$	19300 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^4 + 7^3 + 8^0 + 9^1$	19349 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^2 + 8^1 + 9^3$
19252 := $0^8 + 1^9 + 2^7 + 3^3 + 4^5 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$	19301 := $0^6 + 1^9 - 2^8 + 3^7 + 4^4 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$	19350 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$
19253 := $0^7 - 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3$	19302 := $0^7 - 1^8 + 2^9 + 3^2 + 4^6 + 5^1 + 6^5 + 7^3 + 8^0 + 9^4$	19351 := $0^5 + 1^8 - 2^9 + 3^7 + 4^2 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$
19254 := $0^5 + 1^8 - 2^9 + 3^6 + 4^7 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$	19303 := $0^8 + 1^9 - 2^7 + 3^6 + 4^1 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2$	19352 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$
19255 := $0^7 + 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3$	19304 := $0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^1 + 6^5 + 7^3 + 8^0 + 9^4$	19353 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^4 + 7^3 + 8^1 + 9^2$
19256 := $0^2 + 1^8 - 2^7 - 3^9 + 4^3 + 5^6 + 6^0 + 7^5 + 8^1 + 9^4$	19305 := $0^7 - 1^8 + 2^9 + 3^2 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4$	19354 := $0^5 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^2 + 7^1 + 8^0 + 9^3$
19257 := $0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3$	19306 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$	19355 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^4 + 7^3 + 8^1 + 9^2$
19258 := $0^7 - 1^9 + 2^6 + 3^8 + 4^0 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3$	19307 := $0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4$	19356 := $0^1 + 1^9 - 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$
19259 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^0$	19308 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^3 + 6^0 + 7^4 + 8^1 + 9^2$	19357 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^0 + 6^5 + 7^3 + 8^2 + 9^4$
19260 := $0^7 + 1^9 + 2^6 + 3^8 + 4^0 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3$	19309 := $0^6 - 1^7 + 2^9 + 3^8 + 4^2 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$	19358 := $0^8 + 1^9 - 2^6 + 3^7 + 4^4 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$
19261 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^2 + 9^1$	19310 := $0^4 - 1^9 + 2^8 - 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$	19359 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^2 + 9^0$
19262 := $0^8 - 1^9 + 2^5 + 3^7 + 4^3 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$	19311 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$	19360 := $-0^0 - 1^9 - 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$
19263 := $0^8 + 1^9 + 2^5 + 3^7 + 4^3 + 5^6 + 6^4 + 7^2 + 8^1 + 9^0$	19312 := $0^4 + 1^9 + 2^8 - 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$	19361 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3$
19264 := $0^8 + 1^9 + 2^5 + 3^7 + 4^3 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$	19313 := $0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3$	19362 := $-0^0 + 1^9 - 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$
19265 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^4 + 7^0 + 8^3 + 9^2$	19314 := $0^6 - 1^8 - 2^9 + 3^5 + 4^7 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$	19363 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^2 + 9^1$
19266 := $0^8 - 1^9 - 2^6 + 3^5 + 4^7 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$	19315 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$	19364 := $0^5 - 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^1 + 7^2 + 8^0 + 9^3$
19267 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^4 + 7^1 + 8^3 + 9^2$	19316 := $0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$	19365 := $0^4 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^2 + 8^1 + 9^0$
19268 := $0^8 - 1^9 + 2^4 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$	19317 := $0^7 + 1^8 + 2^9 + 3^5 + 4^2 + 5^6 + 6^1 + 7^4 + 8^3 + 9^0$	19366 := $0^5 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^1 + 7^2 + 8^0 + 9^3$
19269 := $0^8 - 1^9 - 2^6 + 3^5 + 4^7 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2$	19318 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$	19367 := $0^4 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^2 + 8^1 + 9^0$
19270 := $0^8 + 1^9 + 2^4 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$	19319 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0$	19368 := $0^4 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1$
19271 := $0^8 + 1^9 - 2^6 + 3^5 + 4^7 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2$	19320 := $0^7 + 1^8 + 2^9 + 3^5 + 4^2 + 5^6 + 6^0 + 7^4 + 8^3 + 9^1$	19369 := $0^6 + 1^8 - 2^9 + 3^4 + 4^7 + 5^5 + 6^3 + 7^0 + 8^2 + 9^1$
19272 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2$	19321 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3$	19370 := $0^6 - 1^9 - 2^8 + 3^5 + 4^7 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2$
19273 := $0^6 - 1^9 + 2^8 - 3^7 + 4^1 + 5^0 + 6^3 + 7^5 + 8^4 + 9^2$	19322 := $0^4 - 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^0 + 9^1$	19371 := $0^6 - 1^9 - 2^8 + 3^5 + 4^7 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2$
19274 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2$	19323 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^1 + 9^0$	19372 := $0^6 + 1^9 - 2^8 + 3^5 + 4^7 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2$
19275 := $0^3 - 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2$	19324 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^0 + 9^1$	19373 := $0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$
19276 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$	19325 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^0 + 8^1 + 9^3$	19374 := $0^4 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^0 + 9^2$
19277 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2$	19326 := $0^7 + 1^9 + 2^8 + 3^5 + 4^0 + 5^6 + 6^1 + 7^4 + 8^2 + 9^3$	19375 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$
19278 := $0^7 + 1^9 + 2^8 + 3^5 + 4^2 + 5^6 + 6^1 + 7^4 + 8^0 + 9^3$	19327 := $0^6 + 1^9 - 2^8 + 3^5 + 4^7 + 5^1 + 6^2 + 7^4 + 8^3 + 9^0$	19376 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^0 + 9^2$
19279 := $0^8 + 1^9 + 2^5 + 3^7 + 4^3 + 5^6 + 6^4 + 7^0 + 8^2 + 9^1$	19328 := $0^7 + 1^9 - 2^8 + 3^6 + 4^2 + 5^1 + 6^4 + 7^5 + 8^0 + 9^3$	19377 := $0^4 - 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^2$

19378 := $0^7 - 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$
19379 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^2$
19380 := $0^7 + 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$
19381 := $0^4 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$
19382 := $0^5 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^0 + 7^1 + 8^2 + 9^3$
19383 := $0^4 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^0 + 8^2 + 9^1$
19384 := $0^5 + 1^8 - 2^9 + 3^7 + 4^0 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$
19385 := $0^6 + 1^8 - 2^9 + 3^4 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$
19386 := $0^8 + 1^9 - 2^6 + 3^7 + 4^4 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1$
19387 := $0^5 - 1^9 - 2^8 + 3^7 + 4^2 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$
19388 := $0^7 + 1^8 + 2^2 - 3^9 + 4^3 + 5^6 + 6^0 + 7^5 + 8^1 + 9^4$
19389 := $0^5 + 1^9 - 2^8 + 3^7 + 4^2 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$
19390 := $0^7 - 1^9 - 2^8 + 3^1 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$
19391 := $0^5 + 1^9 - 2^8 + 3^7 + 4^2 + 5^6 + 6^4 + 7^0 + 8^3 + 9^1$
19392 := $0^7 + 1^9 - 2^8 + 3^1 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$
19393 := $0^6 + 1^8 - 2^9 + 3^7 + 4^1 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0$
19394 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$
19395 := $0^5 + 1^8 - 2^9 + 3^7 + 4^1 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3$
19396 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$
19397 := $0^4 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$
19398 := $0^4 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$
19399 := $0^4 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$
19400 := $0^8 + 1^9 - 2^6 + 3^7 + 4^4 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$
19401 := $0^2 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3$
19402 := $0^8 + 1^9 - 2^6 + 3^7 + 4^4 + 5^3 + 6^0 + 7^5 + 8^1 + 9^2$
19403 := $0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3$
19404 := $0^8 - 1^9 + 2^6 - 3^5 + 4^7 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$
19405 := $0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^1 + 8^4 + 9^3$
19406 := $0^7 - 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^0 + 7^4 + 8^2 + 9^1$
19407 := $0^8 - 1^9 + 2^4 + 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0$
19408 := $0^7 + 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^0 + 7^4 + 8^2 + 9^1$
19409 := $0^8 + 1^9 + 2^4 + 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0$
19410 := $0^6 + 1^8 - 2^9 + 3^7 + 4^1 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$
19411 := $0^8 + 1^9 + 2^4 + 3^7 + 4^5 + 5^6 + 6^2 + 7^0 + 8^3 + 9^1$
19412 := $0^8 - 1^9 + 2^7 + 3^2 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1$
19413 := $0^8 + 1^9 + 2^7 + 3^2 + 4^5 + 5^6 + 6^3 + 7^4 + 8^1 + 9^0$
19414 := $0^8 + 1^9 + 2^7 + 3^2 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1$
19415 := $0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$
19416 := $0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1$
19417 := $0^5 - 1^9 - 2^8 + 3^7 + 4^1 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$
19418 := $0^0 + 1^5 + 2^8 - 3^9 + 4^7 + 5^6 + 6^3 + 7^2 + 8^1 + 9^4$
19419 := $0^8 - 1^9 + 2^4 + 3^7 + 4^5 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$
19420 := $0^7 - 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$
19421 := $0^8 + 1^9 + 2^4 + 3^7 + 4^5 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$
19422 := $0^7 + 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$
19423 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3$
19424 := $0^7 + 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^0 + 7^4 + 8^1 + 9^2$
19425 := $0^1 + 1^5 + 2^8 - 3^9 + 4^7 + 5^6 + 6^3 + 7^0 + 8^2 + 9^4$
19426 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^4 + 6^1 + 7^5 + 8^0 + 9^3$
19427 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3$
19428 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^4 + 7^1 + 8^0 + 9^3$
19429 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3$
19430 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3$
19431 := $0^5 + 1^0 + 2^8 - 3^9 + 4^7 + 5^6 + 6^3 + 7^1 + 8^2 + 9^4$
19432 := $0^0 + 1^5 + 2^8 - 3^9 + 4^7 + 5^6 + 6^3 + 7^1 + 8^2 + 9^4$
19433 := $0^8 + 1^9 - 2^7 - 3^2 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^0$
19434 := $0^8 - 1^9 - 2^7 - 3^2 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^1$
19435 := $0^8 - 1^9 - 2^6 + 3^7 + 4^4 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0$
19436 := $0^8 - 1^9 - 2^6 + 3^7 + 4^4 + 5^2 + 6^3 + 7^5 + 8^0 + 9^1$
19437 := $0^8 + 1^9 - 2^6 + 3^7 + 4^4 + 5^2 + 6^3 + 7^5 +$

19525 := $0^1 + 1^9 - 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2$	19574 := $0^8 + 1^9 + 2^5 + 3^7 + 4^0 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$	19623 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^2 + 8^1 + 9^0$
19526 := $0^4 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^1 + 9^2$	19575 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1$	19624 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1$
19527 := $0^4 + 1^9 + 2^8 - 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^3 + 9^0$	19576 := $0^7 + 1^8 - 2^9 + 3^5 + 4^3 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1$	19625 := $0^7 - 1^9 + 2^8 + 3^6 + 4^2 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1$
19528 := $0^8 + 1^9 + 2^6 + 3^7 + 4^4 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$	19577 := $0^7 + 1^9 - 2^2 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^3 + 9^1$	19626 := $0^8 + 1^9 + 2^4 + 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^0 + 9^3$
19529 := $0^9 - 1^0 - 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$	19578 := $0^7 - 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^0 + 7^4 + 8^2 + 9^3$	19627 := $0^7 + 1^9 + 2^8 + 3^6 + 4^2 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1$
19530 := $0^8 + 1^9 + 2^6 + 3^7 + 4^4 + 5^3 + 6^0 + 7^5 + 8^1 + 9^2$	19579 := $0^1 - 1^9 + 2^8 - 3^7 + 4^5 + 5^6 + 6^2 + 7^0 + 8^4 + 9^3$	19628 := $0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^1$
19531 := $0^9 + 1^0 - 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$	19580 := $0^7 + 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^0 + 7^4 + 8^2 + 9^3$	19629 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^0$
19532 := $0^7 - 1^8 + 2^9 + 3^5 + 4^2 + 5^6 + 6^1 + 7^4 + 8^0 + 9^3$	19581 := $0^7 - 1^9 + 2^2 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0$	19630 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^1$
19533 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$	19582 := $0^7 + 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^1 + 7^4 + 8^2 + 9^3$	19631 := $0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^2 + 6^4 + 7^5 + 8^3 + 9^0$
19534 := $0^7 + 1^8 + 2^9 + 3^5 + 4^2 + 5^6 + 6^1 + 7^4 + 8^0 + 9^3$	19583 := $0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0$	19632 := $0^3 + 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4$
19535 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$	19584 := $0^8 + 1^9 + 2^4 - 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^1 + 9^3$	19633 := $0^7 - 1^8 + 2^9 + 3^3 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^0$
19536 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$	19585 := $0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^3 + 9^1$	19634 := $0^7 - 1^8 + 2^9 + 3^3 + 4^5 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
19537 := $0^2 - 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$	19586 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$	19635 := $0^7 + 1^8 + 2^9 + 3^3 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^0$
19538 := $0^2 - 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1$	19587 := $0^9 + 1^0 + 2^8 - 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$	19636 := $0^7 + 1^8 + 2^9 + 3^3 + 4^5 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
19539 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$	19588 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$	19637 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$
19540 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1$	19589 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2$	19638 := $0^8 + 1^9 + 2^4 + 3^7 + 4^5 + 5^6 + 6^1 + 7^2 + 8^0 + 9^3$
19541 := $0^7 + 1^9 + 2^8 + 3^2 + 4^5 + 5^6 + 6^3 + 7^4 + 8^1 + 9^0$	19590 := $0^7 - 1^9 - 2^8 + 3^1 + 4^5 + 5^6 + 6^0 + 7^4 + 8^2 + 9^3$	19639 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^0 + 8^2 + 9^1$
19542 := $0^7 + 1^9 + 2^8 + 3^2 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1$	19591 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2$	19640 := $0^8 + 1^9 + 2^4 + 3^7 + 4^5 + 5^6 + 6^0 + 7^2 + 8^1 + 9^3$
19543 := $0^4 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^3 + 9^2$	19592 := $0^7 + 1^9 - 2^8 + 3^1 + 4^5 + 5^6 + 6^0 + 7^4 + 8^2 + 9^3$	19641 := $0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^0$
19544 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$	19593 := $0^1 - 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$	19642 := $0^8 + 1^9 + 2^1 - 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$
19545 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^3 + 9^2$	19594 := $0^6 + 1^9 - 2^8 + 3^7 + 4^4 + 5^1 + 6^0 + 7^5 + 8^3 + 9^2$	19643 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^0$
19546 := $0^7 + 1^8 + 2^1 - 3^9 + 4^2 + 5^6 + 6^3 + 7^5 + 8^0 + 9^4$	19595 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$	19644 := $0^6 - 1^8 - 2^9 + 3^7 + 4^2 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$
19547 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^1 + 8^3 + 9^2$	19596 := $0^7 + 1^8 + 2^0 - 3^9 + 4^1 + 5^6 + 6^3 + 7^5 + 8^2 + 9^4$	19645 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^2 + 9^1$
19548 := $0^5 - 1^8 - 2^9 + 3^6 + 4^7 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1$	19597 := $0^7 + 1^9 + 2^8 + 3^0 + 4^5 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1$	19646 := $0^6 + 1^8 - 2^9 + 3^7 + 4^2 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$
19549 := $0^5 + 1^9 - 2^8 + 3^6 + 4^7 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1$	19598 := $0^4 + 1^8 + 2^9 - 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^0 + 9^2$	19647 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^1 + 6^2 + 7^4 + 8^3 + 9^0$
19550 := $0^7 - 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^2 + 7^4 + 8^0 + 9^3$	19599 := $0^8 - 1^9 + 2^6 + 3^7 + 4^4 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0$	19648 := $0^8 + 1^9 - 2^5 + 3^7 + 4^0 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$
19551 := $0^8 - 1^9 + 2^5 + 3^7 + 4^1 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$	19600 := $-0^0 - 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$	19649 := $0^4 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0$
19552 := $0^7 + 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^2 + 7^4 + 8^0 + 9^3$	19601 := $0^8 + 1^9 + 2^6 + 3^7 + 4^4 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0$	19650 := $0^6 + 1^8 - 2^9 + 3^4 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$
19553 := $0^8 + 1^9 + 2^5 + 3^7 + 4^1 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$	19602 := $-0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$	19651 := $0^4 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^0 + 8^3 + 9^1$
19554 := $0^7 - 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$	19603 := $0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$	19652 := $0^4 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$
19555 := $0^5 - 1^8 - 2^9 + 3^6 + 4^7 + 5^1 + 6^2 + 7^4 + 8^3 + 9^0$	19604 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$	19653 := $0^8 + 1^9 + 2^4 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$
19556 := $0^7 + 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$	19605 := $0^8 + 1^9 + 2^6 + 3^7 + 4^4 + 5^0 + 6^3 + 7^5 + 8^2 + 9^1$	19654 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$
19557 := $0^8 - 1^9 + 2^7 + 3^6 + 4^1 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2$	19606 := $0^7 - 1^9 + 2^8 + 3^1 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2$	19655 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$
19558 := $0^8 + 1^9 + 2^5 + 3^7 + 4^0 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$	19607 := $0^5 + 1^9 - 2^8 + 3^7 + 4^2 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$	19656 := $0^7 - 1^9 - 2^0 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$
19559 := $0^8 + 1^9 + 2^7 + 3^6 + 4^1 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2$	19608 := $0^7 + 1^9 + 2^8 + 3^1 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2$	19657 := $0^2 + 1^8 + 2^9 + 3^6 - 4^7 + 5^1 + 6^4 + 7^0 + 8^5 + 9^3$
19560 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^3 + 6^4 + 7^5 + 8^1 + 9^2$	19609 := $0^6 + 1^9 - 2^8 + 3^4 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$	19658 := $0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$
19561 := $0^5 + 1^8 - 2^9 + 3^6 + 4^7 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$	19610 := $0^1 - 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$	19659 := $0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2$
19562 := $0^5 + 1^9 - 2^8 + 3^6 + 4^7 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$	19611 := $0^7 - 1^9 + 2^8 + 3^0 + 4^5 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2$	19660 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$
19563 := $0^8 - 1^9 + 2^6 + 3^7 + 4^4 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0$	19612 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$	19661 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2$
19564 := $0^8 - 1^9 + 2^6 + 3^7 + 4^4 + 5^2 + 6^3 + 7^5 + 8^0 + 9^1$	19613 := $0^7 + 1^9 + 2^8 + 3^0 + 4^5 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2$	19662 := $0^4 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$
19565 := $0^8 + 1^9 + 2^6 + 3^7 + 4^4 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0$	19614 := $0^6 - 1^8 - 2^7 - 3^9 + 4^3 + 5^2 + 6^0 + 7^1 + 8^5 + 9^4$	19663 := $0^8 - 1^9 - 2^6 + 3^7 + 4^3 + 5^4 + 6^2 + 7^5 + 8^1 + 9^0$
19566 := $0^8 + 1^9 + 2^6 + 3^7 + 4^4 + 5^2 + 6^3 + 7^5 + 8^0 + 9^1$	19615 := $0^8 + 1^9 - 2^5 + 3^7 + 4^2 + 5^6 + 6^4 + 7^0 + 8^3 + 9^1$	19664 := $0^4 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$
19567 := $0^7 - 1^9 - 2^8 + 3^0 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$	19616 := $0^8 - 1^9 + 2^6 + 3^7 + 4^4 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$	19665 := $0^8 + 1^9 - 2^6 + 3^7 + 4^3 + 5^4 + 6^2 + 7^5 + 8^1 + 9^0$
19568 := $0^8 - 1^9 + 2^5 + 3^7 + 4^1 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$	19617 := $0^9 - 1^0 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$	19666 := $0^6 + 1^8 - 2^9 + 3^7 + 4^0 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1$
19569 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$	19618 := $0^8 + 1^9 + 2^6 + 3^7 + 4^4 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$	19667 := $0^2 - 1^9 - 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$
19570 := $0^8 + 1^9 + 2^5 + 3^7 + 4^1 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$	19619 := $0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$	19668 := $0^2 + 1^9 - 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3$
19571 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$	19620 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$	19669 := $0^2 + 1^9 - 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$
19572 := $0^8 - 1^9 + 2^5 + 3^7 + 4^0 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$	19621 := $0^8 + 1^9 + 2^6 + 3^7 + 4^4 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$	19670 := $0^6 + 1^9 - 2^8 + 3^7 + 4^0 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$
19573 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1$	19622 := $0^4 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1$	19671 := $0^2 + 1^9 - 2^6 - 3^8 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$

19672 := $0^1 + 1^8 + 2^7 - 3^9 + 4^2 + 5^6 + 6^3 + 7^5 + 8^0 + 9^4$	19721 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3$	19770 := $0^8 + 1^9 + 2^7 - 3^1 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$
19673 := $0^8 - 1^9 - 2^5 + 3^7 + 4^1 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$	19722 := $0^6 + 1^9 + 2^8 + 3^7 + 4^4 + 5^3 + 6^0 + 7^5 + 8^1 + 9^2$	19771 := $0^8 - 1^9 - 2^5 + 3^6 + 4^7 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1$
19674 := $-0^0 + 1^7 + 2^8 - 3^9 + 4^3 + 5^6 + 6^2 + 7^5 + 8^1 + 9^4$	19723 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^4 + 7^1 + 8^2 + 9^3$	19772 := $0^5 - 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$
19675 := $0^6 - 1^9 + 2^8 + 3^7 + 4^4 + 5^3 + 6^2 + 7^5 + 8^1 + 9^0$	19724 := $0^8 + 1^9 + 2^7 + 3^6 + 4^0 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3$	19773 := $0^5 - 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$
19676 := $0^6 - 1^9 + 2^8 + 3^7 + 4^4 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$	19725 := $0^1 + 1^9 - 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$	19774 := $0^5 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$
19677 := $0^6 + 1^9 + 2^8 + 3^7 + 4^4 + 5^3 + 6^2 + 7^5 + 8^1 + 9^0$	19726 := $0^8 + 1^9 - 2^6 + 3^5 + 4^7 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$	19775 := $0^5 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$
19678 := $0^6 + 1^9 + 2^8 + 3^7 + 4^4 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$	19727 := $0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$	19776 := $0^8 + 1^9 + 2^7 + 3^1 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$
19679 := $0^8 + 1^9 + 2^5 + 3^7 + 4^2 + 5^6 + 6^4 + 7^0 + 8^3 + 9^1$	19728 := $0^4 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^3$	19777 := $0^5 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$
19680 := $0^7 + 1^8 + 2^9 + 3^3 + 4^5 + 5^6 + 6^0 + 7^4 + 8^1 + 9^2$	19729 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$	19778 := $0^4 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$
19681 := $0^4 + 1^8 + 2^9 - 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$	19730 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^3$	19779 := $0^8 + 1^9 + 2^7 + 3^0 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2$
19682 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^4 + 7^1 + 8^0 + 9^3$	19731 := $0^8 + 1^9 + 2^7 + 3^1 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0$	19780 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$
19683 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3$	19732 := $0^5 - 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$	19781 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2$
19684 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^4 + 7^1 + 8^0 + 9^3$	19733 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^2 + 8^1 + 9^3$	19782 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^1 + 9^2$
19685 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3$	19734 := $0^5 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$	19783 := $0^4 + 1^8 + 2^9 - 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^3 + 9^0$
19686 := $0^7 - 1^9 + 2^8 + 3^6 + 4^0 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2$	19735 := $0^4 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0$	19784 := $-0^0 - 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$
19687 := $0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2$	19736 := $0^4 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1$	19785 := $0^9 - 1^0 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$
19688 := $0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2$	19737 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0$	19786 := $-0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$
19689 := $0^8 - 1^9 - 2^6 + 3^7 + 4^3 + 5^4 + 6^1 + 7^5 + 8^2 + 9^0$	19738 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1$	19787 := $0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$
19690 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2$	19739 := $0^8 + 1^9 + 2^5 + 3^7 + 4^1 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$	19788 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$
19691 := $0^4 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$	19740 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$	19789 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$
19692 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2$	19741 := $0^5 - 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^4 + 7^2 + 8^1 + 9^0$	19790 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$
19693 := $0^4 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$	19742 := $0^8 + 1^9 + 2^5 + 3^7 + 4^0 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2$	19791 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$
19694 := $0^4 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$	19743 := $0^5 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^4 + 7^2 + 8^1 + 9^0$	19792 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$
19695 := $0^6 - 1^7 + 2^9 + 3^8 + 4^2 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3$	19744 := $0^5 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$	19793 := $0^6 + 1^9 + 2^8 + 3^7 + 4^4 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0$
19696 := $0^8 + 1^9 - 2^5 + 3^6 + 4^7 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$	19745 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3$	19794 := $0^5 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$
19697 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3$	19746 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$	19795 := $0^6 - 1^9 + 2^8 + 3^7 + 4^4 + 5^0 + 6^3 + 7^5 + 8^2 + 9^1$
19698 := $0^8 + 1^9 - 2^5 + 3^6 + 4^7 + 5^3 + 6^0 + 7^4 + 8^1 + 9^2$	19747 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^1 + 8^2 + 9^3$	19796 := $0^5 - 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$
19699 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^0 + 6^5 + 7^1 + 8^4 + 9^3$	19748 := $0^7 - 1^8 - 2^9 - 3^5 + 4^1 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3$	19797 := $0^6 + 1^9 + 2^8 + 3^7 + 4^4 + 5^0 + 6^3 + 7^5 + 8^2 + 9^1$
19700 := $0^0 + 1^5 + 2^8 - 3^9 + 4^7 + 5^6 + 6^2 + 7^1 + 8^3 + 9^4$	19749 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$	19798 := $0^5 + 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$
19701 := $0^6 - 1^9 + 2^8 + 3^7 + 4^4 + 5^3 + 6^1 + 7^5 + 8^2 + 9^0$	19750 := $0^6 - 1^9 - 2^8 + 3^4 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1$	19799 := $0^7 - 1^9 + 2^2 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$
19702 := $0^0 + 1^7 + 2^8 - 3^9 + 4^3 + 5^6 + 6^1 + 7^5 + 8^2 + 9^4$	19751 := $0^3 - 1^8 + 2^7 - 3^9 + 4^6 + 5^1 + 6^2 + 7^4 + 8^5 + 9^0$	19800 := $0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3$
19703 := $0^6 + 1^9 + 2^8 + 3^7 + 4^4 + 5^3 + 6^1 + 7^5 + 8^2 + 9^0$	19752 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$	19801 := $0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$
19704 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3$	19753 := $0^7 - 1^8 - 2^9 + 3^5 + 4^1 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2$	19802 := $0^5 + 1^8 - 2^9 + 3^6 + 4^7 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$
19705 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3$	19754 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$	19803 := $0^5 + 1^8 - 2^9 + 3^6 + 4^7 + 5^0 + 6^1 + 7^4 + 8^2 + 9^3$
19706 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3$	19755 := $0^5 - 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^4 + 7^1 + 8^2 + 9^0$	19804 := $0^5 - 1^9 - 2^8 + 3^6 + 4^7 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1$
19707 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0$	19756 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^0 + 7^4 + 8^1 + 9^2$	19805 := $0^2 - 1^8 + 2^9 - 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3$
19708 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^3$	19757 := $0^5 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^4 + 7^1 + 8^2 + 9^0$	19806 := $0^5 + 1^9 - 2^8 + 3^6 + 4^7 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1$
19709 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^3 + 9^1$	19758 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1$	19807 := $0^2 + 1^8 + 2^9 - 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3$
19710 := $0^8 + 1^9 + 2^7 + 3^2 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^1$	19759 := $0^5 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^4 + 7^0 + 8^2 + 9^1$	19808 := $0^6 - 1^9 + 2^8 + 3^7 + 4^4 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$
19711 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^2 + 7^4 + 8^1 + 9^0$	19760 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$	19809 := $0^5 - 1^8 - 2^9 + 3^7 + 4^3 + 5^6 + 6^2 + 7^4 + 8^1 + 9^0$
19712 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$	19761 := $0^4 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0$	19810 := $0^6 + 1^9 + 2^8 + 3^7 + 4^4 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$
19713 := $0^8 - 1^9 + 2^7 + 3^6 + 4^2 + 5^0 + 6^4 + 7^5 + 8^1 + 9^3$	19762 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^3 + 6^0 + 7^4 + 8^1 + 9^2$	19811 := $0^6 - 1^9 + 2^8 + 3^7 + 4^4 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$
19714 := $-0^0 - 1^9 - 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$	19763 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0$	19812 := $0^5 + 1^8 - 2^9 + 3^7 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
19715 := $0^8 + 1^9 + 2^7 + 3^6 + 4^2 + 5^0 + 6^4 + 7^5 + 8^1 + 9^3$	19764 := $0^4 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$	19813 := $0^6 + 1^9 + 2^8 + 3^7 + 4^4 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$
19716 := $0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$	19765 := $0^8 + 1^9 - 2^6 + 3^5 + 4^7 + 5^0 + 6^1 + 7^4 + 8^2 + 9^3$	19814 := $0^6 - 1^8 + 2^9 - 3^5 + 4^7 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$
19717 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^3 + 6^2 + 7^4 + 8^1 + 9^0$	19766 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$	19815 := $0^8 + 1^9 - 2^6 + 3^4 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$
19718 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$	19767 := $0^6 - 1^9 - 2^8 + 3^7 + 4^4 + 5^0 + 6^2 + 7^5 + 8^1 + 9^3$	19816 := $0^6 + 1^8 + 2^9 - 3^5 + 4^7 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$
19719 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3$	19768 := $0^6 + 1^9 - 2^8 + 3^4 + 4^7 + 5^5 + 6^0 + 7^3 + 8^1 + 9^2$	19817 := $0^8 - 1^9 + 2^6 + 3^7 + 4^3 + 5^4 + 6^1 + 7^5 + 8^2 + 9^0$
19720 := $0^6 + 1^9 + 2^8 + 3^7 + 4^4 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$	19769 := $0^6 + 1^9 - 2^8 + 3^7 + 4^4 + 5^0 + 6^2 + 7^5 + 8^1 + 9^3$	19818 := $0^6 + 1^8 + 2^9 - 3^5 + 4^7 + 5^2 + 6^0 + 7^4 + 8^1 + 9^3$

19819 := $0^8 + 1^9 + 2^6 + 3^7 + 4^3 + 5^4 + 6^1 + 7^5 + 8^2 + 9^0$	19868 := $0^8 + 1^9 + 2^2 - 3^7 + 4^6 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$	19917 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$
19820 := $0^8 - 1^9 + 2^6 + 3^7 + 4^3 + 5^4 + 6^0 + 7^5 + 8^2 + 9^1$	19869 := $0^7 + 1^8 + 2^9 + 3^0 + 4^5 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2$	19918 := $0^4 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$
19821 := $0^2 - 1^9 + 2^8 - 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^0$	19870 := $0^6 - 1^8 + 2^7 - 3^9 + 4^3 + 5^2 + 6^0 + 7^1 + 8^5 + 9^4$	19919 := $0^3 + 1^4 - 2^8 - 3^9 + 4^7 + 5^6 + 6^5 + 7^1 + 8^2 + 9^0$
19822 := $0^8 + 1^9 + 2^6 + 3^7 + 4^3 + 5^4 + 6^0 + 7^5 + 8^2 + 9^1$	19871 := $0^8 - 1^9 + 2^6 + 3^7 + 4^4 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$	19920 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$
19823 := $0^2 + 1^9 + 2^8 - 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^0$	19872 := $0^6 + 1^8 + 2^7 - 3^9 + 4^3 + 5^2 + 6^0 + 7^1 + 8^5 + 9^4$	19921 := $0^2 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$
19824 := $0^2 + 1^9 + 2^8 - 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^0 + 9^1$	19873 := $0^8 + 1^9 + 2^6 + 3^7 + 4^4 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$	19922 := $0^2 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1$
19825 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$	19874 := $0^3 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$	19923 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$
19826 := $0^6 + 1^8 + 2^9 - 3^5 + 4^7 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$	19875 := $0^8 + 1^9 - 2^5 + 3^7 + 4^1 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3$	19924 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1$
19827 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$	19876 := $0^4 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^2 + 8^0 + 9^3$	19925 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$
19828 := $0^8 - 1^9 - 2^5 + 3^7 + 4^2 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3$	19877 := $0^7 - 1^8 + 2^9 + 3^6 + 4^2 + 5^1 + 6^4 + 7^5 + 8^3 + 9^0$	19926 := $0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^4 + 6^3 + 7^5 + 8^0 + 9^1$
19829 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0$	19878 := $0^4 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^2 + 8^0 + 9^3$	19927 := $0^8 - 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$
19830 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1$	19879 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^1 + 6^4 + 7^5 + 8^3 + 9^0$	19928 := $0^8 + 1^9 + 2^5 + 3^7 + 4^0 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$
19831 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1$	19880 := $0^4 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^2 + 8^1 + 9^3$	19929 := $0^8 + 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$
19832 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1$	19881 := $0^7 - 1^8 + 2^9 + 3^6 + 4^2 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1$	19930 := $0^8 + 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$
19833 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$	19882 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2$	19931 := $0^5 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$
19834 := $0^8 - 1^9 + 2^6 + 3^7 + 4^3 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$	19883 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1$	19932 := $0^6 - 1^8 + 2^9 + 3^7 + 4^4 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$
19835 := $0^7 + 1^9 + 2^8 + 3^2 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^0$	19884 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2$	19933 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^3 + 6^2 + 7^5 + 8^1 + 9^0$
19836 := $0^8 + 1^9 + 2^6 + 3^7 + 4^3 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$	19885 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2$	19934 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$
19837 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1$	19886 := $0^7 - 1^9 + 2^8 + 3^6 + 4^0 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$	19935 := $0^3 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^0$
19838 := $0^7 + 1^9 + 2^8 + 3^2 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^1$	19887 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^2 + 6^4 + 7^5 + 8^3 + 9^0$	19936 := $0^5 + 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$
19839 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^2 + 7^4 + 8^3 + 9^0$	19888 := $0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$	19937 := $0^8 - 1^9 + 2^5 + 3^7 + 4^1 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3$
19840 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$	19889 := $0^6 - 1^9 - 2^8 + 3^4 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$	19938 := $0^8 + 1^9 + 2^1 - 3^7 + 4^6 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2$
19841 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$	19890 := $0^7 - 1^8 + 2^9 + 3^6 + 4^0 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1$	19939 := $0^8 + 1^9 + 2^5 + 3^7 + 4^1 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3$
19842 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$	19891 := $0^4 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$	19940 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$
19843 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$	19892 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1$	19941 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^2 + 7^4 + 8^1 + 9^0$
19844 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$	19893 := $0^4 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$	19942 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$
19845 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2$	19894 := $0^4 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^1 + 8^2 + 9^3$	19943 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2$
19846 := $0^7 + 1^9 + 2^0 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$	19895 := $0^8 + 1^9 + 2^5 + 3^7 + 4^2 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$	19944 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2$
19847 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2$	19896 := $0^1 + 1^9 + 2^8 - 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$	19945 := $0^8 + 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^3 + 7^0 + 8^2 + 9^1$
19848 := $0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$	19897 := $0^6 - 1^9 - 2^8 + 3^7 + 4^2 + 5^4 + 6^1 + 7^5 + 8^3 + 9^0$	19946 := $0^8 - 1^9 + 2^7 + 3^1 + 4^5 + 5^6 + 6^2 + 7^4 + 8^0 + 9^3$
19849 := $0^7 - 1^9 - 2^1 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$	19898 := $0^6 + 1^9 + 2^0 - 3^8 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$	19947 := $0^4 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$
19850 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$	19899 := $0^5 - 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$	19948 := $0^8 + 1^9 + 2^7 + 3^1 + 4^5 + 5^6 + 6^2 + 7^4 + 8^0 + 9^3$
19851 := $0^7 - 1^8 + 2^9 + 3^0 + 4^5 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1$	19900 := $0^6 - 1^9 - 2^8 + 3^7 + 4^2 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$	19949 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$
19852 := $0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3$	19901 := $0^5 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$	19950 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$
19853 := $0^7 + 1^8 + 2^9 + 3^0 + 4^5 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1$	19902 := $0^7 - 1^9 + 2^8 + 3^1 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$	19951 := $0^8 - 1^9 + 2^7 + 3^0 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$
19854 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$	19903 := $0^5 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^4 + 7^0 + 8^3 + 9^1$	19952 := $0^1 - 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
19855 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$	19904 := $0^7 + 1^9 + 2^8 + 3^1 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$	19953 := $0^8 + 1^9 + 2^7 + 3^0 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$
19856 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^2 + 6^0 + 7^4 + 8^1 + 9^3$	19905 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0$	19954 := $0^1 + 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
19857 := $0^7 - 1^9 + 2^8 + 3^1 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0$	19906 := $0^6 + 1^8 - 2^9 + 3^7 + 4^1 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$	19955 := $0^8 - 1^9 - 2^7 + 3^5 + 4^3 + 5^6 + 6^1 + 7^2 + 8^4 + 9^0$
19858 := $0^7 - 1^9 + 2^0 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$	19907 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^0 + 8^3 + 9^1$	19956 := $0^8 - 1^9 - 2^6 + 3^4 + 4^7 + 5^5 + 6^1 + 7^3 + 8^0 + 9^2$
19859 := $0^7 + 1^9 + 2^8 + 3^1 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0$	19908 := $0^6 + 1^8 - 2^9 + 3^7 + 4^0 + 5^4 + 6^1 + 7^5 + 8^2 + 9^3$	19957 := $0^6 - 1^8 + 2^9 + 3^7 + 4^4 + 5^3 + 6^1 + 7^5 + 8^2 + 9^0$
19860 := $0^7 + 1^9 + 2^0 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$	19909 := $0^8 + 1^9 + 2^7 - 3^5 + 4^1 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2$	19958 := $0^8 - 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^3 + 7^1 + 8^0 + 9^2$
19861 := $0^7 + 1^9 - 2^8 + 3^5 + 4^3 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$	19910 := $0^8 + 1^9 + 2^6 - 3^4 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1$	19959 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^3 + 6^1 + 7^5 + 8^2 + 9^0$
19862 := $0^8 + 1^9 + 2^6 + 3^7 + 4^4 + 5^2 + 6^0 + 7^5 + 8^3 + 9^1$	19911 := $0^6 - 1^8 - 2^9 + 3^7 + 4^3 + 5^1 + 6^4 + 7^5 + 8^2 + 9^0$	19960 := $0^8 + 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^3 + 7^1 + 8^0 + 9^2$
19863 := $0^7 - 1^9 + 2^8 + 3^0 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1$	19912 := $0^8 - 1^9 + 2^6 + 3^7 + 4^4 + 5^1 + 6^0 + 7^5 + 8^3 + 9^2$	19961 := $0^8 + 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$
19864 := $0^7 + 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2$	19913 := $0^8 - 1^9 + 2^6 + 3^7 + 4^4 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2$	19962 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1$
19865 := $0^7 + 1^9 + 2^8 + 3^0 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1$	19914 := $0^8 + 1^9 + 2^6 + 3^7 + 4^4 + 5^1 + 6^0 + 7^5 + 8^3 + 9^2$	19963 := $0^5 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$
19866 := $0^4 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^0 + 9^3$	19915 := $0^8 + 1^9 + 2^6 + 3^7 + 4^4 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2$	19964 := $0^1 - 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
19867 := $0^4 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^0 + 8^1 + 9^3$	19916 := $0^8 + 1^9 - 2^6 + 3^4 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$	19965 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^1 + 7^4 + 8^2 + 9^0$

19966 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
19967 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^1 + 7^4 + 8^2 + 9^0$
19968 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$
19969 := $0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0$
19970 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$
19971 := $0^9 - 1^0 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
19972 := $-0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
19973 := $0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
19974 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
19975 := $0^6 + 1^9 + 2^8 - 3^4 + 4^7 + 5^5 + 6^3 + 7^0 + 8^2 + 9^1$
19976 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$
19977 := $0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$

19978 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^3 + 6^0 + 7^5 + 8^1 + 9^2$
19979 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$
19980 := $0^6 + 1^8 + 2^9 - 3^7 + 4^2 + 5^1 + 6^0 + 7^5 + 8^4 + 9^3$
19981 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$
19982 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$
19983 := $0^6 - 1^9 + 2^8 + 3^7 + 4^3 + 5^4 + 6^2 + 7^5 + 8^1 + 9^0$
19984 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$
19985 := $0^6 + 1^9 + 2^8 + 3^7 + 4^3 + 5^4 + 6^2 + 7^5 + 8^1 + 9^0$
19986 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^0 + 7^4 + 8^1 + 9^2$
19987 := $0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$
19988 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$
19989 := $0^5 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^4 + 7^3 + 8^1 + 9^0$

19990 := $0^5 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$
19991 := $0^6 + 1^9 + 2^8 - 3^4 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$
19992 := $0^5 + 1^8 - 2^9 + 3^7 + 4^0 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1$
19993 := $0^7 + 1^9 - 2^8 - 3^5 + 4^1 + 5^6 + 6^2 + 7^0 + 8^4 + 9^3$
19994 := $0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$
19995 := $0^8 - 1^9 + 2^5 - 3^6 + 4^7 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$
19996 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$
19997 := $0^8 + 1^9 + 2^5 - 3^6 + 4^7 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$
19998 := $0^8 + 1^9 + 2^5 - 3^6 + 4^7 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2$
19999 := $0^4 - 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$

20000 := $-0^0 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$
20001 := $0^7 - 1^0 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$
20002 := $-0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$
20003 := $0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$
20004 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$
20005 := $0^7 + 1^9 + 2^8 - 3^5 + 4^1 + 5^6 + 6^3 + 7^2 + 8^4 + 9^0$
20006 := $0^5 - 1^8 - 2^9 + 3^7 + 4^0 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2$
20007 := $0^1 - 1^8 + 2^7 - 3^9 + 4^6 + 5^0 + 6^3 + 7^4 + 8^5 + 9^2$
20008 := $0^5 + 1^8 - 2^9 + 3^7 + 4^0 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2$
20009 := $0^6 - 1^9 + 2^8 + 3^7 + 4^3 + 5^4 + 6^1 + 7^5 + 8^2 + 9^0$
20010 := $0^0 + 1^7 + 2^8 - 3^9 + 4^6 + 5^3 + 6^2 + 7^4 + 8^5 + 9^1$
20011 := $0^6 + 1^9 + 2^8 + 3^7 + 4^3 + 5^4 + 6^1 + 7^5 + 8^2 + 9^0$
20012 := $0^6 - 1^8 + 2^9 + 3^7 + 4^4 + 5^2 + 6^3 + 7^5 + 8^0 + 9^1$
20013 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0$
20014 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^2 + 6^3 + 7^5 + 8^0 + 9^1$
20015 := $0^4 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$
20016 := $0^5 - 1^9 - 2^8 - 3^7 + 4^0 + 5^6 + 6^3 + 7^2 + 8^1 + 9^4$
20017 := $0^4 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^2 + 9^1$
20018 := $0^5 - 1^9 - 2^8 + 3^6 + 4^7 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$
20019 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$
20020 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$
20021 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$
20022 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$
20023 := $0^6 + 1^7 + 2^8 - 3^9 + 4^3 + 5^0 + 6^1 + 7^2 + 8^5 + 9^4$
20024 := $0^6 + 1^8 + 2^7 - 3^9 + 4^0 + 5^2 + 6^3 + 7^1 + 8^5 + 9^4$
20025 := $0^8 - 1^9 - 2^5 + 3^6 + 4^7 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0$
20026 := $0^6 - 1^9 + 2^8 + 3^7 + 4^3 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$
20027 := $0^8 + 1^9 - 2^5 + 3^6 + 4^7 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0$
20028 := $0^6 + 1^9 + 2^8 + 3^7 + 4^3 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$
20029 := $0^1 + 1^8 - 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$
20030 := $0^6 + 1^9 + 2^8 + 3^7 + 4^3 + 5^4 + 6^0 + 7^5 + 8^1 + 9^2$
20031 := $0^5 - 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$
20032 := $0^4 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^0 + 9^2$
20033 := $0^5 + 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$
20034 := $-0^0 - 1^8 - 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$
20035 := $0^8 - 1^0 - 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$

20036 := $0^5 - 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$
20037 := $0^8 + 1^0 - 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$
20038 := $0^5 + 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$
20039 := $0^8 - 1^9 - 2^5 + 3^6 + 4^7 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$
20040 := $0^7 + 1^9 + 2^0 - 3^8 + 4^1 + 5^6 + 6^5 + 7^4 + 8^2 + 9^3$
20041 := $0^8 - 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$
20042 := $0^8 - 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$
20043 := $0^8 + 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$
20044 := $0^8 + 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$
20045 := $0^6 + 1^8 + 2^7 - 3^9 + 4^1 + 5^0 + 6^3 + 7^2 + 8^5 + 9^4$
20046 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$
20047 := $0^6 - 1^8 + 2^9 + 3^7 + 4^4 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0$
20048 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^0 + 7^4 + 8^1 + 9^3$
20049 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0$
20050 := $0^5 + 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$
20051 := $0^6 + 1^9 + 2^8 + 3^7 + 4^4 + 5^2 + 6^1 + 7^5 + 8^3 + 9^0$
20052 := $0^7 + 1^9 + 2^8 + 3^2 + 4^5 + 5^6 + 6^1 + 7^4 + 8^0 + 9^3$
20053 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^0 + 6^3 + 7^5 + 8^2 + 9^1$
20054 := $0^5 + 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$
20055 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$
20056 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$
20057 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$
20058 := $0^5 + 1^9 - 2^8 + 3^6 + 4^7 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$
20059 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^2 + 7^4 + 8^1 + 9^3$
20060 := $0^2 - 1^7 - 2^8 - 3^9 + 4^6 + 5^1 + 6^0 + 7^4 + 8^5 + 9^3$
20061 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1$
20062 := $0^8 - 1^9 + 2^6 - 3^4 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$
20063 := $0^6 - 1^9 + 2^8 + 3^7 + 4^4 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$
20064 := $0^6 - 1^8 + 2^9 + 3^7 + 4^4 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$
20065 := $0^6 + 1^9 + 2^8 + 3^7 + 4^4 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$
20066 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$
20067 := $0^6 - 1^8 + 2^9 + 3^7 + 4^4 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$
20068 := $0^5 + 1^9 - 2^8 + 3^7 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
20069 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$
20070 := $0^8 - 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1$
20071 := $0^6 - 1^9 + 2^8 - 3^4 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$

20072 := $0^8 + 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1$
20073 := $0^7 - 1^9 - 2^8 + 3^5 + 4^2 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0$
20074 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$
20075 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2$
20076 := $0^7 + 1^9 + 2^8 + 3^1 + 4^5 + 5^6 + 6^2 + 7^4 + 8^0 + 9^3$
20077 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2$
20078 := $0^8 + 1^9 + 2^6 + 3^7 + 4^4 + 5^2 + 6^0 + 7^5 + 8^1 + 9^3$
20079 := $0^7 - 1^9 + 2^8 + 3^0 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$
20080 := $0^8 - 1^9 - 2^5 + 3^6 + 4^7 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2$
20081 := $0^7 + 1^9 + 2^8 + 3^0 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$
20082 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$
20083 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0$
20084 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$
20085 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0$
20086 := $0^8 + 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^1 + 7^3 + 8^0 + 9^2$
20087 := $0^8 - 1^9 + 2^6 + 3^7 + 4^4 + 5^0 + 6^2 + 7^5 + 8^1 + 9^3$
20088 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1$
20089 := $0^8 + 1^9 + 2^6 + 3^7 + 4^4 + 5^0 + 6^2 + 7^5 + 8^1 + 9^3$
20090 := $0^0 + 1^7 + 2^8 - 3^9 + 4^6 + 5^2 + 6^3 + 7^4 + 8^5 + 9^1$
20091 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0$
20092 := $0^7 - 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^1$
20093 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^3 + 9^1$
20094 := $0^7 + 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^1$
20095 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^2 + 7^4 + 8^3 + 9^0$
20096 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^1 + 6^4 + 7^5 + 8^0 + 9^3$
20097 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$
20098 := $0^1 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
20099 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$
20100 := $0^3 + 1^9 + 2^6 - 3^8 + 4^7 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1$
20101 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^1 + 6^2 + 7^4 + 8^3 + 9^0$
20102 := $0^7 - 1^8 + 2^9 + 3^6 + 4^1 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$
20103 := $0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$
20104 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$
20105 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$
20106 := $0^6 + 1^9 + 2^8 + 3^7 + 4^4 + 5^1 + 6^0 + 7^5 + 8^3 + 9^2$
20107 := $0^6 + 1^9 + 2^8 + 3^7 + 4^4 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2$

20108 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3$	20157 := $0^5 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$	20206 := $0^7 + 1^8 - 2^9 + 3^5 + 4^2 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3$
20109 := $0^6 + 1^9 - 2^8 + 3^4 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$	20158 := $0^7 - 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$	20207 := $0^3 - 1^8 + 2^4 - 3^9 + 4^7 + 5^6 + 6^5 + 7^0 + 8^1 + 9^2$
20110 := $0^5 + 1^9 - 2^8 + 3^7 + 4^3 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$	20159 := $0^5 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^4 + 7^0 + 8^3 + 9^1$	20208 := $0^3 + 1^8 + 2^4 - 3^9 + 4^7 + 5^6 + 6^5 + 7^1 + 8^0 + 9^2$
20111 := $0^1 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$	20160 := $0^7 + 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$	20209 := $0^8 - 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$
20112 := $0^8 - 1^9 + 2^6 + 3^7 + 4^4 + 5^1 + 6^0 + 7^5 + 8^2 + 9^3$	20161 := $0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0$	20210 := $0^1 - 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
20113 := $0^7 - 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0$	20162 := $0^6 + 1^9 - 2^8 + 3^7 + 4^1 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$	20211 := $0^8 + 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$
20114 := $0^8 + 1^9 + 2^6 + 3^7 + 4^4 + 5^1 + 6^0 + 7^5 + 8^2 + 9^3$	20163 := $0^5 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3$	20212 := $0^1 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
20115 := $0^7 + 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0$	20164 := $0^5 - 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^4 + 7^1 + 8^2 + 9^3$	20213 := $0^8 + 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^2 + 9^0$
20116 := $0^5 - 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3$	20165 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2$	20214 := $0^8 - 1^9 + 2^7 + 3^5 + 4^3 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1$
20117 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^4 + 6^3 + 7^5 + 8^1 + 9^0$	20166 := $0^5 + 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^4 + 7^1 + 8^2 + 9^3$	20215 := $0^8 + 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^2 + 9^1$
20118 := $0^5 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3$	20167 := $0^3 + 1^8 - 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^2 + 8^1 + 9^4$	20216 := $0^8 + 1^9 + 2^7 + 3^5 + 4^3 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1$
20119 := $0^5 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$	20168 := $-0^0 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$	20217 := $0^5 - 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$
20120 := $0^4 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^0 + 9^3$	20169 := $0^7 - 1^0 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$	20218 := $-0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$
20121 := $0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$	20170 := $-0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$	20219 := $0^5 + 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$
20122 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^0 + 9^3$	20171 := $0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$	20220 := $0^5 - 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2$
20123 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^0 + 8^1 + 9^3$	20172 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$	20221 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^1 + 7^4 + 8^2 + 9^0$
20124 := $0^0 + 1^9 + 2^7 - 3^8 + 4^2 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$	20173 := $0^6 + 1^9 - 2^8 + 3^7 + 4^3 + 5^0 + 6^4 + 7^5 + 8^2 + 9^1$	20222 := $0^5 + 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2$
20125 := $0^8 - 1^9 - 2^6 + 3^4 + 4^7 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2$	20174 := $0^6 + 1^7 + 2^8 - 3^9 + 4^0 + 5^1 + 6^3 + 7^2 + 8^5 + 9^4$	20223 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^1 + 7^4 + 8^2 + 9^0$
20126 := $0^8 - 1^9 - 2^6 + 3^4 + 4^7 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2$	20175 := $0^8 + 1^9 + 2^3 - 3^6 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$	20224 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$
20127 := $0^8 + 1^9 - 2^6 + 3^4 + 4^7 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2$	20176 := $0^6 - 1^9 + 2^8 + 3^7 + 4^1 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$	20225 := $0^8 + 1^0 - 2^7 - 3^9 + 4^6 + 5^1 + 6^2 + 7^4 + 8^5 + 9^3$
20128 := $0^8 + 1^9 - 2^6 + 3^4 + 4^7 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2$	20177 := $0^3 - 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4$	20226 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$
20129 := $0^9 + 1^0 + 2^6 - 3^8 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$	20178 := $0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$	20227 := $0^2 - 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^0$
20130 := $0^0 + 1^9 + 2^6 - 3^8 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$	20179 := $0^3 + 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4$	20228 := $0^8 - 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$
20131 := $0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$	20180 := $0^6 - 1^9 + 2^8 + 3^7 + 4^0 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$	20229 := $0^8 - 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$
20132 := $0^4 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^2 + 8^0 + 9^3$	20181 := $0^3 + 1^8 - 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^1 + 8^2 + 9^4$	20230 := $0^8 + 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$
20133 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$	20182 := $0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$	20231 := $0^8 + 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$
20134 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^2 + 8^0 + 9^3$	20183 := $0^1 + 1^8 - 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$	20232 := $0^6 - 1^9 - 2^8 + 3^7 + 4^0 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$
20135 := $0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$	20184 := $0^2 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4$	20233 := $0^6 - 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$
20136 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^2 + 8^1 + 9^3$	20185 := $0^5 - 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$	20234 := $0^6 - 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$
20137 := $0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^3 + 7^0 + 8^2 + 9^1$	20186 := $0^6 + 1^9 - 2^8 + 3^7 + 4^2 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$	20235 := $0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$
20138 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2$	20187 := $0^5 + 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$	20236 := $0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$
20139 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2$	20188 := $-0^0 - 1^8 - 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$	20237 := $0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$
20140 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2$	20189 := $0^6 + 1^9 - 2^8 + 3^7 + 4^3 + 5^0 + 6^4 + 7^5 + 8^1 + 9^2$	20238 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$
20141 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2$	20190 := $0^5 - 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$	20239 := $0^6 - 1^8 + 2^9 + 3^7 + 4^3 + 5^4 + 6^2 + 7^5 + 8^1 + 9^0$
20142 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1$	20191 := $0^8 + 1^0 - 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$	20240 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$
20143 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^0 + 6^4 + 7^5 + 8^2 + 9^3$	20192 := $0^5 + 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$	20241 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^4 + 6^2 + 7^5 + 8^1 + 9^0$
20144 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$	20193 := $0^3 + 1^8 + 2^4 - 3^9 + 4^7 + 5^6 + 6^5 + 7^0 + 8^2 + 9^1$	20242 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^0 + 7^4 + 8^1 + 9^2$
20145 := $0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2$	20194 := $-0^0 - 1^9 + 2^8 - 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2$	20243 := $0^8 - 1^9 + 2^7 + 3^5 + 4^3 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$
20146 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2$	20195 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^2 + 7^4 + 8^1 + 9^0$	20244 := $0^8 - 1^9 + 2^7 + 3^5 + 4^3 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2$
20147 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2$	20196 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$	20245 := $0^8 + 1^9 + 2^7 + 3^5 + 4^3 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$
20148 := $0^5 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$	20197 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^2 + 7^4 + 8^1 + 9^0$	20246 := $0^8 + 1^9 + 2^7 + 3^5 + 4^3 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2$
20149 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$	20198 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$	20247 := $0^2 + 1^6 + 2^9 - 3^8 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
20150 := $0^4 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^1 + 8^2 + 9^3$	20199 := $0^8 + 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^0$	20248 := $0^5 + 1^9 - 2^8 + 3^7 + 4^0 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1$
20151 := $0^6 - 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$	20200 := $0^8 + 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$	20249 := $0^6 - 1^0 - 2^9 - 3^8 + 4^7 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$
20152 := $0^5 + 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$	20201 := $0^8 + 1^9 + 2^7 + 3^5 + 4^3 + 5^6 + 6^2 + 7^1 + 8^4 + 9^0$	20250 := $0^6 + 1^9 - 2^8 + 3^7 + 4^0 + 5^3 + 6^4 + 7^5 + 8^1 + 9^2$
20153 := $0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$	20202 := $0^3 - 1^8 + 2^6 - 3^9 + 4^7 + 5^1 + 6^0 + 7^5 + 8^2 + 9^4$	20251 := $0^6 - 1^9 + 2^8 - 3^4 + 4^7 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0$
20154 := $0^8 + 1^9 - 2^6 + 3^7 + 4^1 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2$	20203 := $0^8 + 1^9 + 2^7 + 3^5 + 4^3 + 5^6 + 6^2 + 7^0 + 8^4 + 9^1$	20252 := $0^8 - 1^9 - 2^5 + 3^6 + 4^7 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$
20155 := $0^5 - 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$	20204 := $0^7 - 1^8 - 2^9 + 3^5 + 4^2 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3$	20253 := $0^8 - 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2$
20156 := $0^8 + 1^9 - 2^6 + 3^7 + 4^0 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2$	20205 := $0^7 + 1^8 - 2^9 + 3^5 + 4^2 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3$	20254 := $0^8 - 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2$

20255 := $0^8 + 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2$	20304 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^0 + 7^4 + 8^1 + 9^3$	20353 := $0^8 - 1^9 + 2^5 + 3^7 + 4^3 + 5^6 + 6^2 + 7^4 + 8^1 + 9^0$
20256 := $0^8 + 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2$	20305 := $0^6 - 1^8 + 2^9 + 3^7 + 4^4 + 5^2 + 6^1 + 7^5 + 8^3 + 9^0$	20354 := $0^8 - 1^9 + 2^5 + 3^7 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
20257 := $0^4 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$	20306 := $0^6 + 1^9 + 2^8 + 3^7 + 4^4 + 5^1 + 6^0 + 7^5 + 8^2 + 9^3$	20355 := $0^8 + 1^9 + 2^5 + 3^7 + 4^3 + 5^6 + 6^2 + 7^4 + 8^1 + 9^0$
20258 := $0^4 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$	20307 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^2 + 6^1 + 7^5 + 8^3 + 9^0$	20356 := $0^8 + 1^9 + 2^5 + 3^7 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
20259 := $0^6 - 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^1 + 7^3 + 8^2 + 9^0$	20308 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3$	20357 := $0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
20260 := $0^3 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$	20309 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$	20358 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
20261 := $0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^1 + 7^3 + 8^2 + 9^0$	20310 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^2 + 6^0 + 7^5 + 8^3 + 9^1$	20359 := $0^2 + 1^8 - 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$
20262 := $0^6 - 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1$	20311 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$	20360 := $0^7 + 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^0 + 7^4 + 8^2 + 9^3$
20263 := $0^9 + 1^0 + 2^6 - 3^8 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$	20312 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$	20361 := $0^6 - 1^8 + 2^9 + 3^7 + 4^4 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2$
20264 := $0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1$	20313 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$	20362 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^1 + 6^0 + 7^5 + 8^3 + 9^2$
20265 := $0^6 - 1^8 + 2^9 + 3^7 + 4^3 + 5^4 + 6^1 + 7^5 + 8^2 + 9^0$	20314 := $0^8 + 1^9 - 2^6 + 3^4 + 4^7 + 5^5 + 6^0 + 7^2 + 8^1 + 9^3$	20363 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2$
20266 := $0^6 - 1^9 + 2^8 + 3^7 + 4^4 + 5^2 + 6^1 + 7^5 + 8^0 + 9^3$	20315 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0$	20364 := $0^1 + 1^9 + 2^8 - 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$
20267 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^4 + 6^1 + 7^5 + 8^2 + 9^0$	20316 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1$	20365 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$
20268 := $0^6 + 1^9 + 2^8 + 3^7 + 4^4 + 5^2 + 6^1 + 7^5 + 8^0 + 9^3$	20317 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1$	20366 := $0^8 - 1^9 + 2^7 + 3^5 + 4^0 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$
20269 := $0^4 - 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$	20318 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1$	20367 := $0^2 + 1^4 - 2^8 - 3^9 + 4^7 + 5^6 + 6^5 + 7^1 + 8^3 + 9^0$
20270 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^4 + 6^0 + 7^5 + 8^2 + 9^1$	20319 := $0^6 - 1^8 + 2^9 + 3^7 + 4^4 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$	20368 := $0^8 + 1^9 + 2^7 + 3^5 + 4^0 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$
20271 := $0^4 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$	20320 := $0^7 + 1^8 - 2^9 + 3^3 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1$	20369 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2$
20272 := $0^3 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$	20321 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$	20370 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2$
20273 := $0^4 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^2 + 9^1$	20322 := $0^7 + 1^8 + 2^2 - 3^9 + 4^6 + 5^1 + 6^0 + 7^4 + 8^5 + 9^3$	20371 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2$
20274 := $0^3 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4$	20323 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^2 + 7^4 + 8^3 + 9^0$	20372 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$
20275 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$	20324 := $0^6 - 1^8 - 2^9 + 3^7 + 4^0 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1$	20373 := $0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^4 + 6^3 + 7^5 + 8^1 + 9^0$
20276 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$	20325 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^2 + 7^4 + 8^3 + 9^0$	20374 := $0^5 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3$
20277 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$	20326 := $0^6 + 1^8 - 2^9 + 3^7 + 4^0 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1$	20375 := $0^5 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$
20278 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$	20327 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$	20376 := $0^6 - 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$
20279 := $0^6 - 1^9 + 2^8 + 3^7 + 4^4 + 5^0 + 6^2 + 7^5 + 8^1 + 9^3$	20328 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$	20377 := $0^6 + 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$
20280 := $0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^0 + 7^3 + 8^1 + 9^2$	20329 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$	20378 := $0^6 + 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$
20281 := $0^6 + 1^9 + 2^8 + 3^7 + 4^4 + 5^0 + 6^2 + 7^5 + 8^1 + 9^3$	20330 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$	20379 := $0^8 - 1^9 + 2^5 + 3^7 + 4^3 + 5^6 + 6^1 + 7^4 + 8^2 + 9^0$
20282 := $0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2$	20331 := $0^7 + 1^9 + 2^8 + 3^5 + 4^3 + 5^6 + 6^2 + 7^0 + 8^4 + 9^1$	20380 := $0^6 + 1^8 - 2^9 + 3^3 + 4^7 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1$
20283 := $0^4 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$	20332 := $0^7 + 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^2 + 7^4 + 8^0 + 9^3$	20381 := $0^8 + 1^9 + 2^5 + 3^7 + 4^3 + 5^6 + 6^1 + 7^4 + 8^2 + 9^0$
20284 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$	20333 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2$	20382 := $0^8 - 1^9 + 2^5 + 3^7 + 4^3 + 5^6 + 6^0 + 7^4 + 8^2 + 9^1$
20285 := $0^1 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$	20334 := $0^8 + 1^9 - 2^5 + 3^7 + 4^3 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$	20383 := $0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1$
20286 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^4 + 6^0 + 7^5 + 8^1 + 9^2$	20335 := $0^8 + 1^9 + 2^7 + 3^5 + 4^2 + 5^6 + 6^3 + 7^0 + 8^4 + 9^1$	20384 := $0^8 + 1^9 + 2^5 + 3^7 + 4^3 + 5^6 + 6^0 + 7^4 + 8^2 + 9^1$
20287 := $0^3 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$	20336 := $0^8 + 1^9 - 2^5 + 3^7 + 4^3 + 5^6 + 6^0 + 7^4 + 8^1 + 9^2$	20385 := $0^7 - 1^0 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$
20288 := $0^3 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$	20337 := $0^7 + 1^8 + 2^9 + 3^0 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$	20386 := $-0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$
20289 := $0^4 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$	20338 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$	20387 := $0^7 + 1^0 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$
20290 := $-0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$	20339 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^1 + 7^4 + 8^2 + 9^3$	20388 := $0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$
20291 := $0^8 + 1^0 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$	20340 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$	20389 := $0^6 - 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$
20292 := $0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$	20341 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^1 + 7^4 + 8^2 + 9^3$	20390 := $0^7 - 1^9 - 2^3 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$
20293 := $0^9 + 1^0 - 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$	20342 := $0^7 - 1^9 + 2^8 + 3^5 + 4^3 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1$	20391 := $0^6 + 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$
20294 := $0^0 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$	20343 := $0^3 + 1^9 + 2^8 - 3^7 + 4^6 + 5^0 + 6^4 + 7^5 + 8^2 + 9^1$	20392 := $0^7 + 1^9 - 2^3 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$
20295 := $0^4 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0$	20344 := $0^7 + 1^9 + 2^8 + 3^5 + 4^3 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1$	20393 := $0^6 + 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^3 + 7^0 + 8^2 + 9^1$
20296 := $0^4 - 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$	20345 := $0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^0 + 6^1 + 7^4 + 8^2 + 9^3$	20394 := $0^7 - 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$
20297 := $0^1 - 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$	20346 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$	20395 := $0^8 + 1^9 + 2^7 + 3^5 + 4^1 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2$
20298 := $0^4 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$	20347 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^0 + 6^1 + 7^4 + 8^2 + 9^3$	20396 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$
20299 := $0^1 + 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$	20348 := $0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$	20397 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$
20300 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$	20349 := $0^7 + 1^8 - 2^9 + 3^3 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$	20398 := $0^8 + 1^9 + 2^5 + 3^7 + 4^3 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$
20301 := $0^8 + 1^9 - 2^6 + 3^4 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$	20350 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$	20399 := $0^2 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^1$
20302 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$	20351 := $0^2 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$	20400 := $0^8 + 1^9 + 2^5 + 3^7 + 4^3 + 5^6 + 6^0 + 7^4 + 8^1 + 9^2$
20303 := $0^7 - 1^8 - 2^9 + 3^3 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^0$	20352 := $0^2 + 1^7 - 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$	20401 := $0^6 - 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$

20402 := $0^5 - 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$	20451 := $0^8 - 1^9 + 2^6 + 3^7 + 4^3 + 5^2 + 6^4 + 7^5 + 8^1 + 9^0$	20500 := $0^4 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^0 + 9^3$
20403 := $0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$	20452 := $0^8 - 1^9 + 2^6 + 3^7 + 4^1 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$	20501 := $0^4 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$
20404 := $0^5 + 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$	20453 := $0^8 + 1^9 + 2^6 + 3^7 + 4^3 + 5^2 + 6^4 + 7^5 + 8^1 + 9^0$	20502 := $0^5 + 1^8 - 2^9 + 3^7 + 4^0 + 5^6 + 6^1 + 7^4 + 8^2 + 9^3$
20405 := $0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^2 + 7^0 + 8^3 + 9^1$	20454 := $0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$	20503 := $0^8 - 1^9 + 2^6 + 3^7 + 4^2 + 5^3 + 6^4 + 7^5 + 8^1 + 9^0$
20406 := $0^5 - 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$	20455 := $0^8 + 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^1 + 7^0 + 8^2 + 9^3$	20504 := $0^8 - 1^9 + 2^6 + 3^7 + 4^2 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$
20407 := $0^6 - 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$	20456 := $0^8 + 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^0 + 7^1 + 8^2 + 9^3$	20505 := $0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^3 + 6^4 + 7^5 + 8^1 + 9^0$
20408 := $0^5 + 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$	20457 := $0^8 - 1^9 + 2^7 + 3^5 + 4^2 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0$	20506 := $0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$
20409 := $0^6 + 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$	20458 := $0^8 + 1^9 + 2^6 + 3^7 + 4^0 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3$	20507 := $0^8 - 1^9 + 2^6 + 3^7 + 4^3 + 5^0 + 6^4 + 7^5 + 8^1 + 9^2$
20410 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4$	20459 := $0^8 + 1^9 + 2^7 + 3^5 + 4^2 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0$	20508 := $0^0 + 1^7 + 2^9 - 3^8 + 4^2 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$
20411 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^4 + 6^1 + 7^5 + 8^3 + 9^0$	20460 := $0^8 - 1^9 + 2^7 + 3^5 + 4^2 + 5^6 + 6^0 + 7^3 + 8^4 + 9^1$	20509 := $0^8 + 1^9 + 2^6 + 3^7 + 4^3 + 5^0 + 6^4 + 7^5 + 8^1 + 9^2$
20412 := $0^6 - 1^9 + 2^8 + 3^7 + 4^2 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$	20461 := $0^3 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^2 + 9^0$	20510 := $0^4 - 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3$
20413 := $0^6 - 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0$	20462 := $0^8 + 1^9 + 2^7 + 3^5 + 4^2 + 5^6 + 6^0 + 7^3 + 8^4 + 9^1$	20511 := $0^5 + 1^9 - 2^8 + 3^7 + 4^1 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0$
20414 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$	20463 := $0^3 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^2 + 9^1$	20512 := $0^4 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3$
20415 := $0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0$	20464 := $0^1 - 1^8 + 2^7 - 3^9 + 4^6 + 5^2 + 6^0 + 7^4 + 8^5 + 9^3$	20513 := $0^1 + 1^7 - 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
20416 := $0^6 - 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$	20465 := $0^7 - 1^8 - 2^9 + 3^2 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$	20514 := $0^3 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$
20417 := $0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0$	20466 := $0^1 + 1^8 + 2^7 - 3^9 + 4^6 + 5^2 + 6^0 + 7^4 + 8^5 + 9^3$	20515 := $0^3 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$
20418 := $0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$	20467 := $0^7 + 1^8 - 2^9 + 3^2 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$	20516 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$
20419 := $0^5 + 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3$	20468 := $0^0 + 1^9 + 2^8 - 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$	20517 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$
20420 := $0^5 - 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^4 + 7^1 + 8^2 + 9^3$	20469 := $0^7 + 1^8 - 2^9 + 3^2 + 4^5 + 5^6 + 6^3 + 7^0 + 8^4 + 9^1$	20518 := $0^6 - 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1$
20421 := $0^7 - 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$	20470 := $0^5 - 1^8 - 2^9 + 3^7 + 4^1 + 5^6 + 6^2 + 7^4 + 8^0 + 9^3$	20519 := $0^6 - 1^7 - 2^9 + 3^8 + 4^3 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4$
20422 := $0^5 + 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^4 + 7^1 + 8^2 + 9^3$	20471 := $0^1 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$	20520 := $0^6 + 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1$
20423 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$	20472 := $0^6 - 1^9 + 2^8 + 3^7 + 4^1 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2$	20521 := $0^7 - 1^9 + 2^8 + 3^5 + 4^1 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2$
20424 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$	20473 := $0^8 + 1^9 + 2^6 - 3^5 + 4^7 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1$	20522 := $0^8 + 1^9 + 2^7 + 3^5 + 4^1 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2$
20425 := $0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$	20474 := $0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2$	20523 := $0^7 + 1^9 + 2^8 + 3^5 + 4^1 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2$
20426 := $0^8 - 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^2 + 7^1 + 8^0 + 9^3$	20475 := $0^8 - 1^9 + 2^7 + 3^5 + 4^1 + 5^6 + 6^2 + 7^3 + 8^4 + 9^0$	20524 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^2 + 6^1 + 7^5 + 8^0 + 9^3$
20427 := $0^6 - 1^9 + 2^8 + 3^7 + 4^1 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$	20476 := $0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2$	20525 := $0^4 - 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^0 + 8^2 + 9^3$
20428 := $0^8 + 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^2 + 7^1 + 8^0 + 9^3$	20477 := $0^8 + 1^9 + 2^7 + 3^5 + 4^1 + 5^6 + 6^2 + 7^3 + 8^4 + 9^0$	20526 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^2 + 6^0 + 7^5 + 8^1 + 9^3$
20429 := $0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$	20478 := $0^3 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$	20527 := $0^8 - 1^9 + 2^4 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$
20430 := $0^1 + 1^6 + 2^9 - 3^8 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$	20479 := $0^3 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$	20528 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$
20431 := $0^3 + 1^4 + 2^8 - 3^9 + 4^7 + 5^6 + 6^5 + 7^1 + 8^2 + 9^0$	20480 := $0^8 - 1^9 + 2^6 + 3^7 + 4^1 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$	20529 := $0^8 + 1^9 + 2^4 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$
20432 := $0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$	20481 := $0^8 + 1^9 - 2^2 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^0$	20530 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4$
20433 := $0^3 - 1^9 - 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4$	20482 := $0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$	20531 := $0^8 + 1^9 + 2^5 + 3^7 + 4^1 + 5^6 + 6^3 + 7^4 + 8^2 + 9^0$
20434 := $0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$	20483 := $0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0$	20532 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$
20435 := $0^3 + 1^9 - 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4$	20484 := $0^8 + 1^9 + 2^6 + 3^7 + 4^0 + 5^4 + 6^1 + 7^5 + 8^2 + 9^3$	20533 := $0^6 + 1^8 - 2^9 + 3^7 + 4^2 + 5^0 + 6^4 + 7^5 + 8^1 + 9^3$
20436 := $0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^4 + 6^1 + 7^5 + 8^0 + 9^3$	20485 := $0^8 - 1^9 + 2^5 + 3^7 + 4^2 + 5^6 + 6^3 + 7^4 + 8^1 + 9^0$	20534 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^0 + 7^4 + 8^1 + 9^3$
20437 := $0^3 + 1^9 - 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^1 + 8^2 + 9^4$	20486 := $0^8 - 1^9 + 2^5 + 3^7 + 4^2 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1$	20535 := $0^6 - 1^8 + 2^9 + 3^7 + 4^4 + 5^0 + 6^2 + 7^5 + 8^1 + 9^3$
20438 := $0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$	20487 := $0^8 + 1^9 + 2^5 + 3^7 + 4^2 + 5^6 + 6^3 + 7^4 + 8^1 + 9^0$	20536 := $0^6 + 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^0 + 7^3 + 8^1 + 9^2$
20439 := $0^1 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$	20488 := $0^8 + 1^9 + 2^5 + 3^7 + 4^2 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1$	20537 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^0 + 6^2 + 7^5 + 8^1 + 9^3$
20440 := $0^8 + 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3$	20489 := $0^8 + 1^9 + 2^2 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^0$	20538 := $0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$
20441 := $0^2 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$	20490 := $0^8 + 1^9 + 2^2 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$	20539 := $0^4 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$
20442 := $0^8 + 1^9 + 2^6 + 3^4 + 4^7 + 5^5 + 6^0 + 7^2 + 8^1 + 9^3$	20491 := $0^6 + 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$	20540 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$
20443 := $0^5 - 1^8 + 2^9 - 3^6 + 4^7 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0$	20492 := $0^6 + 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$	20541 := $0^3 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$
20444 := $-0^0 - 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$	20493 := $0^8 + 1^9 + 2^6 + 3^7 + 4^3 + 5^0 + 6^4 + 7^5 + 8^2 + 9^1$	20542 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$
20445 := $0^3 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^0$	20494 := $0^7 - 1^9 + 2^8 + 3^5 + 4^0 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$	20543 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$
20446 := $0^3 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$	20495 := $0^1 - 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$	20544 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$
20447 := $0^3 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^0$	20496 := $0^7 + 1^9 + 2^8 + 3^5 + 4^0 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$	20545 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^2 + 7^4 + 8^1 + 9^3$
20448 := $0^3 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$	20497 := $0^1 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$	20546 := $0^8 - 1^9 + 2^5 + 3^7 + 4^1 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2$
20449 := $0^3 + 1^4 + 2^8 - 3^9 + 4^7 + 5^6 + 6^5 + 7^0 + 8^1 + 9^2$	20498 := $0^2 + 1^9 - 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4$	20547 := $0^8 - 1^9 + 2^6 + 3^7 + 4^1 + 5^3 + 6^4 + 7^5 + 8^2 + 9^0$
20450 := $-0^0 - 1^8 + 2^9 - 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2$	20499 := $0^2 + 1^9 - 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$	20548 := $0^8 + 1^9 + 2^5 + 3^7 + 4^1 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2$

20549 := $0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^3 + 6^4 + 7^5 + 8^2 + 9^0$
20550 := $0^8 + 1^9 + 2^0 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$
20551 := $0^4 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0$
20552 := $0^8 + 1^9 + 2^5 + 3^7 + 4^0 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2$
20553 := $0^1 - 1^9 - 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$
20554 := $0^8 + 1^9 + 2^6 + 3^7 + 4^0 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$
20555 := $0^1 + 1^9 - 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$
20556 := $0^5 + 1^9 - 2^8 + 3^7 + 4^1 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$
20557 := $0^8 + 1^9 + 2^5 - 3^6 + 4^7 + 5^0 + 6^2 + 7^1 + 8^4 + 9^3$
20558 := $0^8 - 1^9 + 2^1 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$
20559 := $0^8 - 1^9 + 2^4 + 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$
20560 := $0^8 + 1^9 + 2^1 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$
20561 := $0^8 + 1^9 + 2^4 + 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$
20562 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^1 + 6^0 + 7^5 + 8^2 + 9^3$
20563 := $0^6 + 1^8 + 2^9 + 3^7 + 4^4 + 5^0 + 6^1 + 7^5 + 8^2 + 9^3$
20564 := $0^8 - 1^9 + 2^0 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$
20565 := $0^7 + 1^9 - 2^2 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
20566 := $0^8 + 1^9 + 2^0 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$
20567 := $0^6 - 1^9 - 2^8 + 3^7 + 4^2 + 5^1 + 6^4 + 7^5 + 8^3 + 9^0$
20568 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$
20569 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0$
20570 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$
20571 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0$
20572 := $0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
20573 := $0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
20574 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1$
20575 := $0^6 - 1^8 - 2^9 + 3^7 + 4^1 + 5^0 + 6^4 + 7^5 + 8^2 + 9^3$
20576 := $0^7 + 1^9 - 2^8 + 3^3 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1$
20577 := $0^5 - 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^2 + 7^4 + 8^1 + 9^0$
20578 := $0^5 - 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
20579 := $0^5 + 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^2 + 7^4 + 8^1 + 9^0$
20580 := $0^5 + 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
20581 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^2 + 7^4 + 8^3 + 9^0$
20582 := $0^6 + 1^9 - 2^8 + 3^7 + 4^0 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1$
20583 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$
20584 := $0^4 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2$
20585 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$
20586 := $0^8 - 1^9 + 2^5 - 3^7 + 4^0 + 5^6 + 6^2 + 7^1 + 8^3 + 9^4$
20587 := $0^7 + 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^2 + 7^0 + 8^4 + 9^1$
20588 := $0^7 - 1^9 + 2^8 + 3^5 + 4^2 + 5^6 + 6^0 + 7^3 + 8^4 + 9^1$
20589 := $0^8 + 1^9 - 2^7 + 3^5 + 4^2 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3$
20590 := $0^7 + 1^9 + 2^8 + 3^5 + 4^2 + 5^6 + 6^0 + 7^3 + 8^4 + 9^1$
20591 := $0^7 - 1^8 - 2^9 + 3^2 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0$
20592 := $0^2 + 1^8 + 2^9 - 3^7 + 4^6 + 5^4 + 6^0 + 7^5 + 8^1 + 9^3$
20593 := $0^7 + 1^8 - 2^9 + 3^2 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0$
20594 := $0^1 - 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
20595 := $0^7 - 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^1 + 7^2 + 8^4 + 9^0$
20596 := $0^1 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
20597 := $0^7 + 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^1 + 7^2 + 8^4 + 9^0$

20598 := $0^7 - 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1$
20599 := $0^6 - 1^8 - 2^9 + 3^5 + 4^7 + 5^0 + 6^2 + 7^3 + 8^4 + 9^1$
20600 := $0^7 + 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1$
20601 := $0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^0 + 6^2 + 7^3 + 8^4 + 9^1$
20602 := $-0^0 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$
20603 := $0^5 - 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^1 + 7^4 + 8^2 + 9^0$
20604 := $0^0 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$
20605 := $0^5 + 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^1 + 7^4 + 8^2 + 9^0$
20606 := $0^5 - 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^0 + 7^4 + 8^2 + 9^1$
20607 := $0^8 + 1^9 - 2^7 + 3^5 + 4^1 + 5^6 + 6^2 + 7^0 + 8^4 + 9^3$
20608 := $0^5 + 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^0 + 7^4 + 8^2 + 9^1$
20609 := $0^8 - 1^9 - 2^4 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$
20610 := $0^7 + 1^9 + 2^8 + 3^5 + 4^0 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$
20611 := $0^8 + 1^9 - 2^4 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$
20612 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
20613 := $0^2 - 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$
20614 := $0^2 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3$
20615 := $0^2 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$
20616 := $0^7 - 1^9 + 2^0 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$
20617 := $0^7 + 1^8 - 2^9 + 3^1 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^0$
20618 := $0^7 + 1^9 + 2^0 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$
20619 := $0^6 - 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$
20620 := $0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^2 + 7^1 + 8^0 + 9^3$
20621 := $0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$
20622 := $0^5 + 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$
20623 := $0^7 + 1^8 - 2^9 + 3^0 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$
20624 := $0^5 + 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^0 + 7^4 + 8^1 + 9^2$
20625 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2$
20626 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2$
20627 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2$
20628 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^4 + 6^1 + 7^5 + 8^0 + 9^3$
20629 := $0^7 + 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$
20630 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^4 + 6^0 + 7^5 + 8^1 + 9^3$
20631 := $0^6 - 1^9 - 2^8 + 3^7 + 4^1 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2$
20632 := $0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3$
20633 := $0^6 + 1^9 - 2^8 + 3^7 + 4^1 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2$
20634 := $0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^0 + 7^2 + 8^1 + 9^3$
20635 := $0^6 + 1^9 - 2^8 + 3^3 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^0$
20636 := $0^6 + 1^9 - 2^8 + 3^3 + 4^7 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1$
20637 := $0^6 + 1^9 - 2^8 + 3^5 + 4^7 + 5^3 + 6^2 + 7^1 + 8^4 + 9^0$
20638 := $0^8 - 1^9 - 2^4 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1$
20639 := $0^6 + 1^9 - 2^8 + 3^5 + 4^7 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1$
20640 := $0^8 + 1^9 - 2^4 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1$
20641 := $0^8 - 1^9 + 2^4 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$
20642 := $0^8 - 1^9 + 2^4 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$
20643 := $0^8 + 1^9 + 2^4 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$
20644 := $0^8 + 1^9 + 2^4 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$
20645 := $0^6 + 1^9 + 2^8 + 3^7 + 4^3 + 5^2 + 6^4 + 7^5 + 8^1 + 9^0$
20646 := $0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$

20647 := $0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^1 + 7^0 + 8^2 + 9^3$
20648 := $0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^5 + 6^0 + 7^1 + 8^2 + 9^3$
20649 := $0^6 + 1^9 - 2^8 + 3^3 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0$
20650 := $0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3$
20651 := $0^6 + 1^9 - 2^8 + 3^3 + 4^7 + 5^5 + 6^4 + 7^0 + 8^2 + 9^1$
20652 := $0^7 + 1^9 + 2^8 + 3^5 + 4^0 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$
20653 := $0^8 + 1^0 - 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4$
20654 := $0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4$
20655 := $0^8 - 1^9 + 2^2 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$
20656 := $0^1 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$
20657 := $0^8 + 1^9 + 2^2 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$
20658 := $0^2 - 1^8 + 2^9 - 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$
20659 := $0^6 + 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$
20660 := $0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4$
20661 := $0^6 + 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^2 + 7^0 + 8^3 + 9^1$
20662 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4$
20663 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^2 + 6^5 + 7^0 + 8^1 + 9^4$
20664 := $0^0 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$
20665 := $0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^4 + 6^1 + 7^5 + 8^3 + 9^0$
20666 := $0^6 + 1^9 - 2^8 + 3^3 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2$
20667 := $0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^4 + 6^1 + 7^5 + 8^3 + 9^0$
20668 := $0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$
20669 := $0^8 + 1^9 + 2^4 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^2 + 9^0$
20670 := $0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$
20671 := $0^6 + 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0$
20672 := $0^8 + 1^9 + 2^4 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1$
20673 := $0^8 - 1^0 - 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^3 + 9^4$
20674 := $0^6 + 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$
20675 := $0^8 + 1^0 - 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^3 + 9^4$
20676 := $0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^4 + 6^1 + 7^5 + 8^2 + 9^3$
20677 := $0^9 + 1^0 - 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^2 + 9^3$
20678 := $0^0 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^2 + 9^3$
20679 := $0^6 - 1^9 + 2^8 + 3^7 + 4^3 + 5^1 + 6^4 + 7^5 + 8^2 + 9^0$
20680 := $0^6 - 1^9 - 2^8 + 3^5 + 4^7 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2$
20681 := $0^6 + 1^9 + 2^8 + 3^7 + 4^3 + 5^1 + 6^4 + 7^5 + 8^2 + 9^0$
20682 := $0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$
20683 := $0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$
20684 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$
20685 := $0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$
20686 := $0^8 + 1^9 + 2^4 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^0 + 9^2$
20687 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^0 + 6^5 + 7^2 + 8^1 + 9^4$
20688 := $0^8 + 1^9 + 2^4 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^1 + 9^2$
20689 := $0^8 + 1^9 - 2^7 + 3^3 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^0$
20690 := $0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1$
20691 := $0^8 + 1^9 - 2^7 + 3^3 + 4^5 + 5^6 + 6^2 + 7^0 + 8^4 + 9^1$
20692 := $0^7 + 1^9 - 2^2 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4$
20693 := $0^8 + 1^9 - 2^1 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$
20694 := $0^2 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
20695 := $0^2 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$

20696 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$	20745 := $0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$	20794 := $0^3 + 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2$
20697 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$	20746 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$	20795 := $0^1 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$
20698 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$	20747 := $0^7 + 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^3 + 7^2 + 8^4 + 9^0$	20796 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$
20699 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4$	20748 := $0^7 - 1^9 - 2^1 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$	20797 := $0^1 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$
20700 := $0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4$	20749 := $0^8 - 1^9 - 2^2 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$	20798 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$
20701 := $0^6 + 1^9 + 2^8 + 3^7 + 4^3 + 5^0 + 6^4 + 7^5 + 8^1 + 9^2$	20750 := $0^7 - 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$	20799 := $0^8 + 1^9 + 2^5 + 3^7 + 4^1 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0$
20702 := $0^3 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$	20751 := $0^1 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$	20800 := $0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^0 + 9^2$
20703 := $0^3 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^0$	20752 := $0^7 + 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$	20801 := $0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$
20704 := $0^3 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$	20753 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$	20802 := $0^8 - 1^9 + 2^0 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$
20705 := $0^6 + 1^8 - 2^9 + 3^1 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$	20754 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$	20803 := $0^9 - 1^0 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$
20706 := $0^6 - 1^9 + 2^8 - 3^5 + 4^7 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2$	20755 := $0^5 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^3 + 7^4 + 8^2 + 9^0$	20804 := $0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$
20707 := $0^6 + 1^9 + 2^8 - 3^5 + 4^7 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$	20756 := $0^6 - 1^9 + 2^8 + 3^7 + 4^1 + 5^3 + 6^4 + 7^5 + 8^0 + 9^2$	20805 := $0^9 + 1^0 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$
20708 := $0^5 - 1^9 - 2^8 + 3^7 + 4^2 + 5^6 + 6^1 + 7^4 + 8^0 + 9^3$	20757 := $0^8 - 1^9 + 2^2 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$	20806 := $0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$
20709 := $0^5 - 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^3 + 7^4 + 8^1 + 9^0$	20758 := $0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^3 + 6^4 + 7^5 + 8^0 + 9^2$	20807 := $0^8 - 1^9 - 2^1 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$
20710 := $0^5 - 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1$	20759 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$	20808 := $0^3 + 1^9 - 2^7 - 3^8 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^4$
20711 := $0^5 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^3 + 7^4 + 8^1 + 9^0$	20760 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4$	20809 := $0^8 - 1^9 + 2^4 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$
20712 := $0^5 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1$	20761 := $0^8 + 1^9 - 2^6 + 3^7 + 4^2 + 5^1 + 6^4 + 7^5 + 8^3 + 9^0$	20810 := $0^5 - 1^9 + 2^8 - 3^7 + 4^0 + 5^6 + 6^2 + 7^1 + 8^3 + 9^4$
20713 := $0^1 + 1^8 + 2^4 - 3^9 + 4^7 + 5^6 + 6^5 + 7^0 + 8^3 + 9^2$	20762 := $0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^3 + 6^4 + 7^5 + 8^1 + 9^2$	20811 := $0^8 + 1^9 + 2^4 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$
20714 := $0^2 + 1^9 - 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^0 + 9^4$	20763 := $0^7 + 1^8 - 2^9 + 3^4 + 4^6 + 5^0 + 6^3 + 7^5 + 8^2 + 9^1$	20812 := $0^1 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$
20715 := $0^3 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^2 + 9^0$	20764 := $0^6 + 1^7 - 2^9 + 3^8 + 4^0 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4$	20813 := $0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$
20716 := $-0^0 - 1^8 + 2^4 - 3^9 + 4^7 + 5^6 + 6^5 + 7^1 + 8^3 + 9^2$	20765 := $0^1 + 1^9 - 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$	20814 := $0^1 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$
20717 := $0^3 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^2 + 9^0$	20766 := $0^4 - 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3$	20815 := $0^9 + 1^0 + 2^8 - 3^7 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1$
20718 := $0^8 - 1^9 - 2^5 + 3^7 + 4^2 + 5^6 + 6^0 + 7^4 + 8^3 + 9^1$	20767 := $0^4 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$	20816 := $0^8 - 1^9 + 2^0 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^2 + 9^4$
20719 := $0^3 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^2 + 9^1$	20768 := $0^4 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$	20817 := $0^8 - 1^9 + 2^2 - 3^6 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3$
20720 := $0^8 + 1^9 - 2^5 + 3^7 + 4^2 + 5^6 + 6^0 + 7^4 + 8^3 + 9^1$	20769 := $0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$	20818 := $0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^2 + 9^4$
20721 := $0^7 - 1^8 - 2^9 + 3^4 + 4^6 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0$	20770 := $0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$	20819 := $0^9 - 1^0 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$
20722 := $0^6 + 1^8 - 2^9 + 3^1 + 4^7 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$	20771 := $0^3 + 1^8 - 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^0$	20820 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$
20723 := $0^7 + 1^8 - 2^9 + 3^4 + 4^6 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0$	20772 := $0^5 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2$	20821 := $0^9 + 1^0 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$
20724 := $0^7 - 1^9 + 2^1 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$	20773 := $0^1 + 1^9 - 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^2 + 9^4$	20822 := $0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$
20725 := $0^7 + 1^9 - 2^8 + 3^2 + 4^5 + 5^6 + 6^3 + 7^0 + 8^4 + 9^1$	20774 := $0^5 - 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2$	20823 := $0^8 + 1^9 + 2^4 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0$
20726 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$	20775 := $0^3 - 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$	20824 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4$
20727 := $0^8 - 1^9 + 2^1 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$	20776 := $0^5 + 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2$	20825 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^1 + 7^4 + 8^2 + 9^3$
20728 := $0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2$	20777 := $0^7 - 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2$	20826 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$
20729 := $0^8 + 1^9 + 2^1 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$	20778 := $0^0 + 1^9 - 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$	20827 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^1 + 7^4 + 8^2 + 9^3$
20730 := $0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2$	20779 := $0^7 + 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2$	20828 := $0^8 + 1^9 - 2^6 + 3^3 + 4^7 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1$
20731 := $0^8 - 1^9 - 2^7 + 3^3 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$	20780 := $0^7 - 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^3 + 7^1 + 8^4 + 9^2$	20829 := $0^8 + 1^9 - 2^6 + 3^5 + 4^7 + 5^3 + 6^2 + 7^1 + 8^4 + 9^0$
20732 := $0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2$	20781 := $0^8 + 1^9 + 2^5 + 3^7 + 4^2 + 5^6 + 6^1 + 7^4 + 8^3 + 9^0$	20830 := $0^2 + 1^5 + 2^8 + 3^9 - 4^7 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$
20733 := $0^3 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$	20782 := $0^7 + 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^3 + 7^1 + 8^4 + 9^2$	20831 := $0^8 + 1^9 - 2^6 + 3^5 + 4^7 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1$
20734 := $0^3 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$	20783 := $0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$	20832 := $0^6 - 1^9 - 2^8 + 3^7 + 4^0 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$
20735 := $0^3 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$	20784 := $0^8 + 1^9 + 2^5 + 3^7 + 4^2 + 5^6 + 6^0 + 7^4 + 8^3 + 9^1$	20833 := $0^5 - 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^2 + 7^4 + 8^1 + 9^0$
20736 := $0^1 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$	20785 := $0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^2 + 9^1$	20834 := $0^5 - 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
20737 := $0^6 - 1^9 - 2^8 + 3^5 + 4^7 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0$	20786 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$	20835 := $0^5 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^2 + 7^4 + 8^1 + 9^0$
20738 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$	20787 := $0^6 - 1^9 - 2^8 + 3^7 + 4^2 + 5^0 + 6^4 + 7^5 + 8^1 + 9^3$	20836 := $0^5 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
20739 := $0^2 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^0$	20788 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$	20837 := $0^7 - 1^8 + 2^9 - 3^6 + 4^3 + 5^0 + 6^1 + 7^5 + 8^4 + 9^2$
20740 := $0^2 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$	20789 := $0^6 + 1^9 - 2^8 + 3^7 + 4^2 + 5^0 + 6^4 + 7^5 + 8^1 + 9^3$	20838 := $0^7 + 1^8 + 2^9 - 3^6 + 4^2 + 5^3 + 6^0 + 7^5 + 8^4 + 9^1$
20741 := $0^2 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^0$	20790 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^0 + 7^4 + 8^1 + 9^3$	20839 := $0^2 - 1^7 - 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$
20742 := $0^2 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$	20791 := $0^7 + 1^9 - 2^8 + 3^1 + 4^5 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2$	20840 := $0^2 - 1^9 - 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$
20743 := $0^9 - 1^0 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$	20792 := $0^3 - 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2$	20841 := $0^7 - 1^8 + 2^9 + 3^5 + 4^2 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0$
20744 := $-0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$	20793 := $0^7 - 1^9 - 2^8 + 3^0 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^2$	20842 := $0^8 - 1^9 + 2^5 + 3^7 + 4^1 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$

20843 := $0^7 + 1^8 + 2^9 + 3^5 + 4^2 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0$	20892 := $0^1 + 1^8 - 2^9 - 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4$	20941 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^0 + 6^4 + 7^5 + 8^2 + 9^1$
20844 := $0^8 + 1^9 + 2^5 + 3^7 + 4^1 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$	20893 := $0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1$	20942 := $0^7 + 1^9 - 2^8 + 3^4 + 4^6 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$
20845 := $0^8 + 1^9 + 2^7 + 3^5 + 4^2 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3$	20894 := $0^5 - 1^8 + 2^9 - 3^7 + 4^1 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4$	20943 := $0^8 - 1^9 + 2^7 + 3^3 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^0$
20846 := $0^7 + 1^8 + 2^9 + 3^5 + 4^2 + 5^6 + 6^0 + 7^3 + 8^4 + 9^1$	20895 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$	20944 := $0^7 + 1^9 - 2^8 + 3^4 + 4^6 + 5^3 + 6^0 + 7^5 + 8^1 + 9^2$
20847 := $0^7 - 1^9 - 2^8 + 3^2 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0$	20896 := $0^6 - 1^9 - 2^8 + 3^5 + 4^7 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2$	20945 := $0^8 + 1^9 + 2^7 + 3^3 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^0$
20848 := $0^1 - 1^7 - 2^9 - 3^8 + 4^0 + 5^6 + 6^5 + 7^3 + 8^4 + 9^2$	20897 := $0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^2 + 6^4 + 7^5 + 8^3 + 9^0$	20946 := $0^7 + 1^9 + 2^3 - 3^8 + 4^6 + 5^2 + 6^0 + 7^5 + 8^1 + 9^4$
20849 := $0^7 + 1^9 - 2^8 + 3^2 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0$	20898 := $0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$	20947 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4$
20850 := $0^1 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$	20899 := $0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$	20948 := $0^6 - 1^9 - 2^7 + 3^8 + 4^1 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$
20851 := $0^8 + 1^9 - 2^7 + 3^2 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$	20900 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$	20949 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^1 + 8^2 + 9^4$
20852 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$	20901 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$	20950 := $0^6 + 1^9 - 2^7 + 3^8 + 4^1 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$
20853 := $0^8 - 1^9 + 2^4 + 3^6 + 4^7 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2$	20902 := $0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$	20951 := $0^1 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$
20854 := $0^8 - 1^9 + 2^4 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2$	20903 := $0^6 + 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^1 + 7^0 + 8^2 + 9^3$	20952 := $0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$
20855 := $0^8 + 1^9 + 2^4 + 3^6 + 4^7 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2$	20904 := $0^6 + 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^0 + 7^1 + 8^2 + 9^3$	20953 := $0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^3 + 6^4 + 7^5 + 8^1 + 9^0$
20856 := $0^8 + 1^9 + 2^4 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2$	20905 := $0^6 + 1^9 - 2^7 + 3^8 + 4^3 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4$	20954 := $0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$
20857 := $0^9 - 1^0 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$	20906 := $0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3$	20955 := $0^8 + 1^9 + 2^6 + 3^3 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^0$
20858 := $-0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$	20907 := $0^2 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$	20956 := $0^8 + 1^9 + 2^6 + 3^3 + 4^7 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1$
20859 := $0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$	20908 := $0^7 + 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$	20957 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^0 + 6^4 + 7^5 + 8^1 + 9^2$
20860 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$	20909 := $0^2 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$	20958 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$
20861 := $0^5 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^1 + 7^4 + 8^2 + 9^0$	20910 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4$	20959 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1$
20862 := $0^5 - 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^0 + 7^4 + 8^2 + 9^1$	20911 := $0^2 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^1$	20960 := $0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$
20863 := $0^8 + 1^9 + 2^7 + 3^5 + 4^1 + 5^6 + 6^2 + 7^0 + 8^4 + 9^3$	20912 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$	20961 := $0^6 + 1^9 - 2^8 + 3^1 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
20864 := $0^5 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^0 + 7^4 + 8^2 + 9^1$	20913 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$	20962 := $0^6 - 1^8 + 2^9 - 3^5 + 4^7 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2$
20865 := $0^7 - 1^9 + 2^2 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$	20914 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4$	20963 := $0^8 + 1^9 - 2^6 + 3^5 + 4^7 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2$
20866 := $0^7 + 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$	20915 := $0^7 - 1^9 + 2^3 + 3^8 + 4^6 + 5^0 + 6^5 + 7^4 + 8^2 + 9^1$	20964 := $0^7 - 1^9 - 2^2 + 3^8 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$
20867 := $0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$	20916 := $0^7 - 1^9 - 2^8 + 3^1 + 4^5 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2$	20965 := $0^5 - 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^3 + 7^4 + 8^1 + 9^0$
20868 := $0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$	20917 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^0 + 6^5 + 7^4 + 8^2 + 9^1$	20966 := $0^5 - 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1$
20869 := $0^5 + 1^8 - 2^9 + 3^6 + 4^7 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1$	20918 := $0^8 - 1^9 + 2^0 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$	20967 := $0^5 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^3 + 7^4 + 8^1 + 9^0$
20870 := $0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^4 + 8^3 + 9^1$	20919 := $0^8 + 1^9 - 2^7 + 3^1 + 4^5 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2$	20968 := $0^5 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1$
20871 := $0^7 - 1^9 - 2^8 + 3^1 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^0$	20920 := $0^8 + 1^9 + 2^0 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$	20969 := $0^8 + 1^9 + 2^6 + 3^3 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0$
20872 := $0^8 - 1^9 + 2^2 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3$	20921 := $0^6 + 1^7 - 2^9 + 3^8 + 4^2 + 5^1 + 6^5 + 7^0 + 8^3 + 9^4$	20970 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1$
20873 := $0^8 - 1^9 + 2^2 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$	20922 := $0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2$	20971 := $0^8 + 1^9 + 2^6 + 3^3 + 4^7 + 5^5 + 6^4 + 7^0 + 8^2 + 9^1$
20874 := $0^8 + 1^9 + 2^2 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3$	20923 := $0^6 + 1^7 - 2^9 + 3^8 + 4^2 + 5^0 + 6^5 + 7^1 + 8^3 + 9^4$	20972 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1$
20875 := $0^8 + 1^9 + 2^2 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$	20924 := $0^4 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^0 + 9^2$	20973 := $0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$
20876 := $0^6 + 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^2 + 7^1 + 8^0 + 9^3$	20925 := $0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$	20974 := $0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$
20877 := $0^6 + 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$	20926 := $0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^0 + 9^2$	20975 := $0^8 - 1^9 + 2^2 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4$
20878 := $0^5 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$	20927 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$	20976 := $0^6 - 1^9 - 2^8 + 3^1 + 4^7 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$
20879 := $0^5 + 1^8 - 2^9 + 3^6 + 4^7 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0$	20928 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$	20977 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4$
20880 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$	20929 := $0^8 + 1^9 + 2^1 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3$	20978 := $0^6 + 1^9 - 2^8 + 3^1 + 4^7 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$
20881 := $0^4 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$	20930 := $0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$	20979 := $0^7 + 1^8 - 2^9 + 3^2 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3$
20882 := $0^4 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$	20931 := $0^7 - 1^9 + 2^3 + 3^8 + 4^6 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2$	20980 := $0^7 + 1^8 - 2^9 + 3^2 + 4^5 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3$
20883 := $0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$	20932 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$	20981 := $0^1 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$
20884 := $0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$	20933 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2$	20982 := $0^8 + 1^9 - 2^5 + 3^7 + 4^0 + 5^6 + 6^1 + 7^4 + 8^2 + 9^3$
20885 := $0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$	20934 := $0^8 + 1^9 + 2^0 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^2 + 9^3$	20983 := $0^1 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$
20886 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$	20935 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^2 + 8^1 + 9^4$	20984 := $0^8 - 1^9 + 2^6 + 3^3 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2$
20887 := $0^8 - 1^9 + 2^6 + 3^7 + 4^2 + 5^1 + 6^4 + 7^5 + 8^3 + 9^0$	20936 := $0^8 + 1^9 - 2^5 + 3^7 + 4^2 + 5^6 + 6^0 + 7^4 + 8^1 + 9^3$	20985 := $0^8 - 1^9 + 2^6 + 3^3 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$
20888 := $0^6 + 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3$	20937 := $0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^1 + 6^4 + 7^5 + 8^2 + 9^0$	20986 := $0^8 + 1^9 + 2^6 + 3^3 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2$
20889 := $0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^1 + 6^4 + 7^5 + 8^3 + 9^0$	20938 := $0^7 + 1^8 + 2^9 - 3^6 + 4^0 + 5^2 + 6^3 + 7^5 + 8^4 + 9^1$	20987 := $0^8 + 1^9 + 2^6 + 3^3 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$
20890 := $0^6 + 1^8 + 2^9 + 3^4 + 4^7 + 5^5 + 6^0 + 7^2 + 8^1 + 9^3$	20939 := $0^6 - 1^8 + 2^9 + 3^7 + 4^3 + 5^0 + 6^4 + 7^5 + 8^2 + 9^1$	20988 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2$
20891 := $0^8 - 1^9 + 2^6 + 3^7 + 4^2 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1$	20940 := $0^7 - 1^9 - 2^8 + 3^4 + 4^6 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$	20989 := $0^8 + 1^9 + 2^7 + 3^3 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$

20990 := $0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2$	21039 := $0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$	21088 := $0^7 + 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1$
20991 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$	21040 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^3 + 9^4$	21089 := $0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^2 + 6^4 + 7^5 + 8^3 + 9^0$
20992 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$	21041 := $0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^2 + 9^1$	21090 := $0^7 + 1^8 - 2^9 + 3^3 + 4^6 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1$
20993 := $0^2 + 1^9 - 2^8 - 3^7 + 4^5 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4$	21042 := $0^8 + 1^9 + 2^4 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^1 + 9^3$	21091 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2$
20994 := $0^7 + 1^9 + 2^8 + 3^5 + 4^0 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$	21043 := $0^8 - 1^9 - 2^6 + 3^5 + 4^7 + 5^1 + 6^2 + 7^3 + 8^4 + 9^0$	21092 := $0^6 - 1^9 + 2^8 + 3^7 + 4^0 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1$
20995 := $0^2 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^0$	21044 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$	21093 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^0 + 6^3 + 7^1 + 8^4 + 9^2$
20996 := $0^2 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$	21045 := $0^8 + 1^9 - 2^6 + 3^5 + 4^7 + 5^1 + 6^2 + 7^3 + 8^4 + 9^0$	21094 := $0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1$
20997 := $0^2 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^0$	21046 := $0^8 + 1^9 + 2^5 + 3^7 + 4^0 + 5^6 + 6^1 + 7^4 + 8^2 + 9^3$	21095 := $0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2$
20998 := $0^2 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$	21047 := $0^8 - 1^9 - 2^6 + 3^5 + 4^7 + 5^0 + 6^2 + 7^3 + 8^4 + 9^1$	21096 := $0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2$
20999 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$	21048 := $0^3 - 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2$	21097 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$
21000 := $0^8 + 1^9 + 2^5 + 3^7 + 4^2 + 5^6 + 6^0 + 7^4 + 8^1 + 9^3$	21049 := $0^4 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$	21098 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$
21001 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$	21050 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2$	21099 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^0 + 6^5 + 7^1 + 8^2 + 9^4$
21002 := $0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$	21051 := $0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$	21100 := $0^7 + 1^9 + 2^0 - 3^8 + 4^6 + 5^3 + 6^1 + 7^5 + 8^2 + 9^4$
21003 := $0^5 - 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^1 + 7^4 + 8^3 + 9^0$	21052 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$	21101 := $0^8 - 1^9 - 2^6 + 3^2 + 4^7 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0$
21004 := $0^7 + 1^9 + 2^8 + 3^5 + 4^1 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3$	21053 := $0^1 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$	21102 := $0^8 - 1^9 - 2^6 + 3^2 + 4^7 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1$
21005 := $0^5 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^1 + 7^4 + 8^3 + 9^0$	21054 := $0^4 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^0 + 9^2$	21103 := $0^8 + 1^9 - 2^6 + 3^2 + 4^7 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0$
21006 := $0^7 + 1^9 + 2^8 + 3^5 + 4^0 + 5^6 + 6^1 + 7^2 + 8^4 + 9^3$	21055 := $0^8 + 1^9 + 2^4 + 3^6 + 4^7 + 5^5 + 6^1 + 7^0 + 8^2 + 9^3$	21104 := $0^8 - 1^9 + 2^6 + 3^7 + 4^2 + 5^1 + 6^4 + 7^5 + 8^0 + 9^3$
21007 := $0^1 + 1^8 - 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^2 + 9^0$	21056 := $0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^0 + 9^2$	21105 := $0^8 - 1^9 + 2^7 + 3^2 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$
21008 := $0^5 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^0 + 7^4 + 8^3 + 9^1$	21057 := $0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$	21106 := $0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^1 + 6^4 + 7^5 + 8^0 + 9^3$
21009 := $0^2 - 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$	21058 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$	21107 := $0^8 + 1^9 + 2^7 + 3^2 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$
21010 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4$	21059 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0$	21108 := $0^8 + 1^9 - 2^7 + 3^4 + 4^6 + 5^2 + 6^3 + 7^5 + 8^0 + 9^1$
21011 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$	21060 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$	21109 := $0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^0 + 6^4 + 7^5 + 8^1 + 9^3$
21012 := $0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^3 + 6^4 + 7^5 + 8^0 + 9^2$	21061 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^2 + 6^5 + 7^0 + 8^1 + 9^4$	21110 := $0^7 - 1^9 + 2^6 + 3^8 + 4^2 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4$
21013 := $0^7 - 1^9 - 2^8 + 3^4 + 4^6 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0$	21062 := $0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$	21111 := $0^7 - 1^9 + 2^6 + 3^8 + 4^2 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$
21014 := $0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^3 + 6^4 + 7^5 + 8^0 + 9^2$	21063 := $0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0$	21112 := $0^7 + 1^9 + 2^6 + 3^8 + 4^2 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4$
21015 := $0^7 + 1^9 - 2^8 + 3^4 + 4^6 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0$	21064 := $0^4 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$	21113 := $0^7 + 1^9 + 2^6 + 3^8 + 4^2 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$
21016 := $0^5 + 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1$	21065 := $0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$	21114 := $0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$
21017 := $0^7 + 1^8 - 2^9 + 3^4 + 4^6 + 5^2 + 6^1 + 7^5 + 8^3 + 9^0$	21066 := $0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$	21115 := $0^7 - 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$
21018 := $0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^3 + 6^4 + 7^5 + 8^1 + 9^2$	21067 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$	21116 := $0^7 - 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2$
21019 := $0^1 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$	21068 := $0^5 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$	21117 := $0^7 + 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$
21020 := $0^8 + 1^9 + 2^5 + 3^7 + 4^0 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$	21069 := $0^2 - 1^9 + 2^8 - 3^6 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3$	21118 := $0^7 + 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2$
21021 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$	21070 := $0^1 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$	21119 := $0^6 - 1^9 - 2^8 + 3^0 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
21022 := $0^1 - 1^8 - 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2$	21071 := $0^7 - 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^0$	21120 := $0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
21023 := $0^5 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0$	21072 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^2 + 9^4$	21121 := $0^6 + 1^9 - 2^8 + 3^0 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
21024 := $0^4 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$	21073 := $0^7 + 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^0$	21122 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
21025 := $0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$	21074 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^2 + 9^4$	21123 := $0^6 - 1^9 + 2^7 + 3^8 + 4^3 + 5^2 + 6^5 + 7^0 + 8^1 + 9^4$
21026 := $0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$	21075 := $0^7 + 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^2 + 7^0 + 8^4 + 9^1$	21124 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4$
21027 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$	21076 := $-0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$	21125 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^2 + 6^5 + 7^0 + 8^1 + 9^4$
21028 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$	21077 := $0^8 + 1^0 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$	21126 := $0^2 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3$
21029 := $0^8 + 1^9 + 2^4 + 3^6 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$	21078 := $0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$	21127 := $0^2 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$
21030 := $0^5 - 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2$	21079 := $0^2 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$	21128 := $-0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$
21031 := $0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^2 + 9^4$	21080 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$	21129 := $0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$
21032 := $0^5 + 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2$	21081 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$	21130 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$
21033 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$	21082 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$	21131 := $0^7 - 1^9 + 2^2 - 3^8 + 4^6 + 5^0 + 6^3 + 7^5 + 8^1 + 9^4$
21034 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$	21083 := $0^6 - 1^9 + 2^8 + 3^7 + 4^2 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1$	21132 := $0^7 + 1^8 - 2^9 + 3^3 + 4^6 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$
21035 := $0^3 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^4 + 8^2 + 9^1$	21084 := $-0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$	21133 := $0^5 - 1^9 - 2^8 + 3^6 + 4^7 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0$
21036 := $-0^0 - 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^3 + 9^4$	21085 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1$	21134 := $0^7 + 1^8 - 2^9 + 3^3 + 4^6 + 5^4 + 6^0 + 7^5 + 8^1 + 9^2$
21037 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^4 + 8^2 + 9^1$	21086 := $0^7 - 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1$	21135 := $0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$
21038 := $-0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^5 + 6^1 + 7^2 + 8^3 + 9^4$	21087 := $0^6 - 1^9 + 2^8 + 3^7 + 4^1 + 5^2 + 6^4 + 7^5 + 8^3 + 9^0$	21136 := $0^6 + 1^9 - 2^7 + 3^8 + 4^2 + 5^1 + 6^5 + 7^3 + 8^0 + 9^4$

$$\begin{aligned}
 21137 &:= 0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4 \\
 21138 &:= 0^4 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1 \\
 21139 &:= 0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0 \\
 21140 &:= 0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1 \\
 21141 &:= 0^7 - 1^0 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4 \\
 21142 &:= 0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4 \\
 21143 &:= 0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4 \\
 21144 &:= 0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4 \\
 21145 &:= 0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2 \\
 21146 &:= 0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4 \\
 21147 &:= 0^6 + 1^9 + 2^8 + 3^3 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^0 \\
 21148 &:= 0^6 + 1^9 + 2^8 + 3^3 + 4^7 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1 \\
 21149 &:= 0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^0 + 6^5 + 7^2 + 8^1 + 9^4 \\
 21150 &:= 0^8 + 1^9 + 2^7 - 3^4 + 4^6 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1 \\
 21151 &:= 0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1 \\
 21152 &:= 0^8 - 1^9 + 2^6 + 3^7 + 4^0 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3 \\
 21153 &:= 0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0 \\
 21154 &:= 0^8 + 1^9 + 2^6 + 3^7 + 4^0 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3 \\
 21155 &:= 0^7 - 1^9 + 2^6 + 3^8 + 4^1 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4 \\
 21156 &:= -0^0 - 1^4 + 2^8 - 3^9 + 4^7 + 5^6 + 6^5 + 7^1 + 8^2 + 9^3 \\
 21157 &:= 0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4 \\
 21158 &:= 0^7 - 1^9 + 2^6 + 3^8 + 4^0 + 5^3 + 6^5 + 7^1 + 8^2 + 9^4 \\
 21159 &:= 0^6 - 1^9 + 2^7 + 3^8 + 4^3 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4 \\
 21160 &:= 0^7 + 1^9 + 2^6 + 3^8 + 4^0 + 5^3 + 6^5 + 7^1 + 8^2 + 9^4 \\
 21161 &:= 0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4 \\
 21162 &:= 0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1 \\
 21163 &:= 0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^0 + 6^5 + 7^1 + 8^2 + 9^4 \\
 21164 &:= 0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1 \\
 21165 &:= 0^2 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0 \\
 21166 &:= 0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4 \\
 21167 &:= 0^2 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^1 \\
 21168 &:= 0^1 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3 \\
 21169 &:= 0^8 + 1^9 + 2^7 - 3^1 + 4^5 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2 \\
 21170 &:= 0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2 \\
 21171 &:= 0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^1 + 6^2 + 7^3 + 8^4 + 9^0 \\
 21172 &:= -0^0 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3 \\
 21173 &:= 0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^1 + 6^2 + 7^3 + 8^4 + 9^0 \\
 21174 &:= -0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3 \\
 21175 &:= 0^8 + 1^9 + 2^7 + 3^1 + 4^5 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2 \\
 21176 &:= 0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3 \\
 21177 &:= 0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4 \\
 21178 &:= 0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2 \\
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 21180 &:= 0^4 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^0 + 9^2 \\
 21181 &:= 0^1 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3 \\
 21182 &:= 0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^0 + 9^2 \\
 21183 &:= 0^1 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3 \\
 21184 &:= 0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^1 + 9^2 \\
 21185 &:= 0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^0 + 6^5 + 7^2 + 8^3 + 9^4 \\
 21186 &:= 0^3 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4 \\
 21187 &:= 0^9 - 1^0 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^2 + 9^3 \\
 21188 &:= 0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4 \\
 21189 &:= 0^9 + 1^0 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^2 + 9^3 \\
 21190 &:= 0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^2 + 9^3 \\
 21191 &:= 0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^2 + 8^1 + 9^4 \\
 21192 &:= 0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2 \\
 21193 &:= 0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2 \\
 21194 &:= 0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2 \\
 21195 &:= 0^3 - 1^9 + 2^8 + 3^7 - 4^5 + 5^6 + 6^1 + 7^2 + 8^4 + 9^0 \\
 21196 &:= 0^7 + 1^8 + 2^3 + 3^9 - 4^6 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1 \\
 21197 &:= 0^3 + 1^9 + 2^8 + 3^7 - 4^5 + 5^6 + 6^1 + 7^2 + 8^4 + 9^0 \\
 21198 &:= 0^7 - 1^9 - 2^6 + 3^8 + 4^2 + 5^1 + 6^5 + 7^3 + 8^0 + 9^4 \\
 21199 &:= 0^7 - 1^9 + 2^8 - 3^6 + 4^1 + 5^0 + 6^2 + 7^5 + 8^4 + 9^3 \\
 21200 &:= 0^7 + 1^9 - 2^6 + 3^8 + 4^2 + 5^1 + 6^5 + 7^3 + 8^0 + 9^4 \\
 21201 &:= 0^3 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4 \\
 21202 &:= 0^0 + 1^9 + 2^7 - 3^8 + 4^6 + 5^3 + 6^2 + 7^5 + 8^1 + 9^4 \\
 21203 &:= 0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4 \\
 21204 &:= 0^2 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4 \\
 21205 &:= 0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^1 + 8^2 + 9^4 \\
 21206 &:= 0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4 \\
 21207 &:= 0^1 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0 \\
 21208 &:= 0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4 \\
 21209 &:= 0^1 - 1^9 + 2^7 - 3^8 + 4^3 + 5^6 + 6^5 + 7^0 + 8^4 + 9^2 \\
 21210 &:= 0^6 + 1^9 + 2^7 + 3^8 + 4^0 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4 \\
 21211 &:= 0^1 + 1^9 + 2^7 - 3^8 + 4^3 + 5^6 + 6^5 + 7^0 + 8^4 + 9^2 \\
 21212 &:= -0^0 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1 \\
 21213 &:= 0^8 - 1^0 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1 \\
 21214 &:= -0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1 \\
 21215 &:= 0^8 + 1^0 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1 \\
 21216 &:= 0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1 \\
 21217 &:= 0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2 \\
 21218 &:= 0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2 \\
 21219 &:= 0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2 \\
 21220 &:= 0^5 - 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^1 + 7^4 + 8^0 + 9^3 \\
 21221 &:= 0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4 \\
 21222 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^1 + 7^4 + 8^0 + 9^3 \\
 21223 &:= 0^2 - 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0 \\
 21224 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^0 + 7^4 + 8^1 + 9^3 \\
 21225 &:= 0^2 + 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0 \\
 21226 &:= 0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^0 + 9^4 \\
 21227 &:= 0^2 - 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4 \\
 21228 &:= 0^7 - 1^8 + 2^9 + 3^5 + 4^2 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3 \\
 21229 &:= 0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4 \\
 21230 &:= 0^7 + 1^8 + 2^9 + 3^5 + 4^2 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3 \\
 21231 &:= 0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^3 + 7^0 + 8^4 + 9^1 \\
 21232 &:= 0^8 + 1^9 + 2^6 + 3^2 + 4^7 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1 \\
 21233 &:= 0^8 + 1^9 + 2^7 + 3^2 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0 \\
 21234 &:= 0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4 \\
 21235 &:= 0^7 + 1^9 + 2^8 + 3^2 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0 \\
 21236 &:= 0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4 \\
 21237 &:= 0^7 + 1^9 + 2^8 + 3^2 + 4^5 + 5^6 + 6^3 + 7^0 + 8^4 + 9^1 \\
 21238 &:= 0^5 - 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^2 + 7^4 + 8^0 + 9^3 \\
 21239 &:= 0^1 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2 \\
 21240 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^2 + 7^4 + 8^0 + 9^3 \\
 21241 &:= 0^7 - 1^0 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4 \\
 21242 &:= -0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4 \\
 21243 &:= 0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4 \\
 21244 &:= 0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4 \\
 21245 &:= 0^8 + 1^0 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2 \\
 21246 &:= 0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2 \\
 21247 &:= 0^7 + 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^2 + 7^0 + 8^4 + 9^3 \\
 21248 &:= 0^7 - 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3 \\
 21249 &:= 0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0 \\
 21250 &:= 0^7 + 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3 \\
 21251 &:= 0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0 \\
 21252 &:= -0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4 \\
 21253 &:= 0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4 \\
 21254 &:= 0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4 \\
 21255 &:= 0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1 \\
 21256 &:= 0^6 + 1^9 + 2^8 - 3^5 + 4^7 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3 \\
 21257 &:= 0^8 + 1^9 + 2^7 + 3^1 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^0 \\
 21258 &:= 0^7 - 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3 \\
 21259 &:= 0^5 - 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^1 + 7^4 + 8^3 + 9^0 \\
 21260 &:= 0^7 + 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3 \\
 21261 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^1 + 7^4 + 8^3 + 9^0 \\
 21262 &:= 0^7 + 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^1 + 7^2 + 8^4 + 9^3 \\
 21263 &:= 0^8 + 1^9 + 2^7 + 3^0 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1 \\
 21264 &:= 0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4 \\
 21265 &:= 0^2 - 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4 \\
 21266 &:= 0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4 \\
 21267 &:= 0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4 \\
 21268 &:= 0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^0 + 9^3 \\
 21269 &:= 0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3 \\
 21270 &:= 0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4 \\
 21271 &:= 0^7 + 1^9 + 2^8 + 3^1 + 4^5 + 5^6 + 6^3 + 7^2 + 8^4 + 9^0 \\
 21272 &:= 0^0 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1 \\
 21273 &:= 0^7 + 1^8 - 2^9 + 3^4 + 4^6 + 5^0 + 6^1 + 7^5 + 8^2 + 9^3 \\
 21274 &:= 0^7 - 1^9 - 2^8 + 3^4 + 4^6 + 5^2 + 6^0 + 7^5 + 8^3 + 9^1 \\
 21275 &:= 0^7 - 1^9 + 2^8 + 3^0 + 4^5 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1 \\
 21276 &:= 0^7 + 1^9 - 2^8 + 3^4 + 4^6 + 5^2 + 6^0 + 7^5 + 8^3 + 9^1 \\
 21277 &:= 0^7 + 1^9 + 2^8 + 3^0 + 4^5 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1 \\
 21278 &:= 0^4 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3 \\
 21279 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0 \\
 21280 &:= 0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3 \\
 21281 &:= 0^8 + 1^9 + 2^6 + 3^1 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0 \\
 21282 &:= 0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^1 + 9^3 \\
 21283 &:= 0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2
 \end{aligned}$$

21284 := $0^5 + 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^2 + 7^4 + 8^3 + 9^2$
21285 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^2 + 9^4$
21286 := $-0^0 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$
21287 := $0^8 + 1^9 + 2^6 + 3^0 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
21288 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$
21289 := $0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$
21290 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$
21291 := $0^8 + 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^0$
21292 := $0^8 + 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
21293 := $0^4 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^0 + 8^2 + 9^3$
21294 := $0^4 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^2 + 9^3$
21295 := $0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^0 + 8^2 + 9^3$
21296 := $0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^2 + 9^3$
21297 := $0^6 + 1^9 - 2^8 + 3^2 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3$
21298 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^1 + 6^4 + 7^5 + 8^0 + 9^3$
21299 := $0^6 - 1^9 + 2^8 + 3^7 + 4^2 + 5^0 + 6^4 + 7^5 + 8^1 + 9^3$
21300 := $0^8 - 1^9 + 2^7 + 3^1 + 4^5 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2$
21301 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^0 + 6^4 + 7^5 + 8^1 + 9^3$
21302 := $0^8 + 1^9 + 2^7 + 3^1 + 4^5 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2$
21303 := $0^7 + 1^9 + 2^8 + 3^1 + 4^5 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2$
21304 := $0^6 - 1^9 + 2^8 + 3^7 + 4^1 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$
21305 := $0^8 + 1^9 + 2^7 + 3^0 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$
21306 := $0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$
21307 := $0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$
21308 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$
21309 := $0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^0 + 8^3 + 9^1$
21310 := $0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3$
21311 := $0^6 - 1^9 - 2^7 + 3^8 + 4^1 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4$
21312 := $0^8 + 1^9 + 2^7 + 3^4 + 4^6 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1$
21313 := $0^8 - 1^0 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$
21314 := $-0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$
21315 := $0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$
21316 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$
21317 := $0^8 + 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^2 + 9^0$
21318 := $0^8 - 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^0 + 7^4 + 8^2 + 9^1$
21319 := $0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0$
21320 := $0^8 + 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^0 + 7^4 + 8^2 + 9^1$
21321 := $0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$
21322 := $0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$
21323 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$
21324 := $0^5 + 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$
21325 := $0^8 + 1^0 - 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2$
21326 := $0^5 + 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2$
21327 := $0^7 - 1^8 + 2^9 + 3^3 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^0$
21328 := $0^7 + 1^9 + 2^6 + 3^8 + 4^2 + 5^1 + 6^5 + 7^3 + 8^0 + 9^4$
21329 := $0^7 + 1^8 + 2^9 + 3^3 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^0$
21330 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^5 + 7^1 + 8^2 + 9^4$
21331 := $0^7 + 1^8 + 2^9 + 3^3 + 4^5 + 5^6 + 6^2 + 7^0 + 8^4 + 9^1$
21332 := $0^8 - 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$
21333 := $0^8 + 1^9 - 2^6 - 3^1 + 4^7 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2$
21334 := $0^8 + 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$
21335 := $0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^1 + 6^4 + 7^5 + 8^3 + 9^0$
21336 := $0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$
21337 := $0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^1 + 6^4 + 7^5 + 8^3 + 9^0$
21338 := $0^7 - 1^9 + 2^6 + 3^8 + 4^0 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4$
21339 := $0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1$
21340 := $0^7 + 1^9 + 2^6 + 3^8 + 4^0 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4$
21341 := $0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1$
21342 := $0^7 - 1^8 + 2^9 + 3^3 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1$
21343 := $0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^2 + 6^4 + 7^5 +$

21431 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$
21432 := $0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$
21433 := $0^7 + 1^9 + 2^8 + 3^0 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$
21434 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2$
21435 := $0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$
21436 := $-0^0 - 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
21437 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2$
21438 := $0^6 - 1^9 + 2^7 + 3^8 + 4^0 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$
21439 := $0^1 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3$
21440 := $0^6 + 1^9 + 2^7 + 3^8 + 4^0 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$
21441 := $0^8 + 1^9 + 2^6 + 3^0 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
21442 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^3 + 9^4$
21443 := $0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^3 + 9^4$
21444 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^3 + 9^4$
21445 := $0^8 + 1^0 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^2 + 9^3$
21446 := $0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^4 + 7^1 + 8^2 + 9^3$
21447 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$
21448 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2$
21449 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$
21450 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2$
21451 := $0^8 - 1^9 - 2^5 + 3^6 + 4^7 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1$
21452 := $0^7 - 1^9 + 2^8 + 3^4 + 4^6 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$
21453 := $0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$
21454 := $0^7 + 1^9 + 2^8 + 3^4 + 4^6 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$
21455 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$
21456 := $0^7 + 1^9 + 2^8 + 3^4 + 4^6 + 5^3 + 6^0 + 7^5 + 8^1 + 9^2$
21457 := $0^8 + 1^9 - 2^7 + 3^4 + 4^6 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2$
21458 := $0^5 - 1^8 - 2^9 + 3^6 + 4^7 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$
21459 := $0^5 + 1^8 - 2^9 + 3^6 + 4^7 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3$
21460 := $0^5 + 1^8 - 2^9 + 3^6 + 4^7 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$
21461 := $0^3 + 1^7 + 2^9 - 3^8 + 4^6 + 5^0 + 6^2 + 7^5 + 8^1 + 9^4$
21462 := $0^1 + 1^9 - 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$
21463 := $0^6 - 1^7 - 2^8 + 3^9 + 4^5 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$
21464 := $0^2 + 1^8 - 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^4 + 8^1 + 9^3$
21465 := $0^8 - 1^9 + 2^2 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^1 + 9^0$
21466 := $0^8 - 1^9 + 2^2 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1$
21467 := $0^8 + 1^9 + 2^2 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^1 + 9^0$
21468 := $0^8 + 1^9 + 2^2 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1$
21469 := $0^8 - 1^9 + 2^6 + 3^0 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$
21470 := $0^0 + 1^9 - 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$
21471 := $0^8 + 1^9 + 2^6 + 3^0 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$
21472 := $0^6 + 1^8 - 2^9 + 3^3 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^1$
21473 := $0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
21474 := $0^8 + 1^9 - 2^7 + 3^3 + 4^6 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1$
21475 := $0^3 + 1^7 + 2^9 - 3^8 + 4^2 + 5^6 + 6^5 + 7^0 + 8^4 + 9^1$
21476 := $0^5 - 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^1 + 7^4 + 8^0 + 9^3$
21477 := $0^6 - 1^9 + 2^8 + 3^0 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
21478 := $0^5 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^1 + 7^4 + 8^0 + 9^3$
21479 := $0^6 + 1^9 + 2^8 + 3^0 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
21480 := $0^5 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^0 + 7^4 + 8^1 + 9^3$
21481 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$
21482 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$
21483 := $0^2 - 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4$
21484 := $0^3 + 1^9 + 2^8 - 3^6 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^1$
21485 := $0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4$
21486 := $0^8 - 1^9 - 2^6 + 3^2 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3$
21487 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^3 + 7^0 + 8^4 + 9^1$
21488 := $0^6 - 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$
21489 := $0^7 - 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$
21490 := $0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^4 + 7^3 +$

$$\begin{aligned}
 21578 &:= -0^0 - 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2 & 21627 &:= 0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0 & 21676 &:= -0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4 \\
 21579 &:= 0^7 + 1^9 - 2^8 + 3^0 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2 & 21628 &:= 0^7 + 1^9 - 2^8 + 3^6 + 4^0 + 5^2 + 6^3 + 7^5 + 8^4 + 9^1 & 21677 &:= 0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4 \\
 21580 &:= 0^3 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2 & 21629 &:= 0^7 - 1^9 + 2^1 + 3^8 + 4^6 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3 & 21678 &:= 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4 \\
 21581 &:= 0^9 + 1^0 - 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2 & 21630 &:= 0^8 - 1^9 + 2^3 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2 & 21679 &:= 0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2 \\
 21582 &:= 0^3 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2 & 21631 &:= 0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3 & 21680 &:= 0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2 \\
 21583 &:= 0^1 - 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0 & 21632 &:= 0^8 + 1^9 + 2^3 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2 & 21681 &:= 0^6 - 1^8 - 2^9 + 3^1 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0 \\
 21584 &:= 0^3 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^4 + 8^1 + 9^2 & 21633 &:= 0^6 + 1^9 + 2^8 + 3^0 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1 & 21682 &:= 0^6 - 1^9 + 2^8 - 3^7 + 4^1 + 5^2 + 6^3 + 7^5 + 8^0 + 9^4 \\
 21585 &:= 0^1 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0 & 21634 &:= 0^7 + 1^9 + 2^0 + 3^8 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3 & 21683 &:= 0^7 - 1^8 + 2^6 + 3^9 + 4^5 + 5^4 + 6^3 + 7^1 + 8^2 + 9^0 \\
 21586 &:= 0^8 + 1^9 - 2^3 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1 & 21635 &:= 0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^2 + 7^1 + 8^4 + 9^0 & 21684 &:= 0^7 - 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2 \\
 21587 &:= 0^6 + 1^0 + 2^8 + 3^9 - 4^7 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2 & 21636 &:= 0^6 + 1^8 - 2^7 + 3^9 + 4^5 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2 & 21685 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^4 + 6^3 + 7^1 + 8^2 + 9^0 \\
 21588 &:= 0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4 & 21637 &:= 0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1 & 21686 &:= 0^7 + 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2 \\
 21589 &:= 0^6 - 1^9 + 2^8 + 3^2 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0 & 21638 &:= 0^6 + 1^8 - 2^7 + 3^9 + 4^5 + 5^4 + 6^0 + 7^3 + 8^1 + 9^2 & 21687 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^4 + 6^3 + 7^0 + 8^2 + 9^1 \\
 21590 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4 & 21639 &:= 0^7 - 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^0 & 21688 &:= 0^1 + 1^9 + 2^8 - 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4 \\
 21591 &:= 0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0 & 21640 &:= 0^1 + 1^9 - 2^8 - 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^0 + 9^2 & 21689 &:= 0^7 + 1^8 + 2^9 + 3^0 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2 \\
 21592 &:= 0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3 & 21641 &:= 0^7 + 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^0 & 21690 &:= 0^7 + 1^9 + 2^0 - 3^8 + 4^2 + 5^6 + 6^5 + 7^1 + 8^4 + 9^3 \\
 21593 &:= 0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^0 + 6^5 + 7^2 + 8^3 + 9^4 & 21642 &:= 0^6 - 1^9 + 2^8 - 3^7 - 4^2 + 5^1 + 6^3 + 7^5 + 8^0 + 9^4 & 21691 &:= 0^7 - 1^8 + 2^9 + 3^4 + 4^6 + 5^3 + 6^1 + 7^5 + 8^2 + 9^0 \\
 21594 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4 & 21643 &:= 0^8 + 1^9 + 2^7 + 3^1 + 4^5 + 5^6 + 6^2 + 7^0 + 8^4 + 9^3 & 21692 &:= -0^0 - 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1 \\
 21595 &:= 0^1 + 1^7 + 2^9 - 3^8 + 4^3 + 5^6 + 6^5 + 7^0 + 8^4 + 9^2 & 21644 &:= 0^8 - 1^9 + 2^6 - 3^1 + 4^7 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3 & 21693 &:= 0^7 + 1^8 + 2^9 + 3^4 + 4^6 + 5^3 + 6^1 + 7^5 + 8^2 + 9^0 \\
 21596 &:= 0^7 - 1^9 + 2^0 + 3^8 + 4^6 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3 & 21645 &:= 0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0 & 21694 &:= 0^7 - 1^8 + 2^9 + 3^4 + 4^6 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1 \\
 21597 &:= 0^8 - 1^9 - 2^3 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0 & 21646 &:= 0^6 - 1^7 - 2^8 + 3^9 + 4^5 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1 & 21695 &:= 0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^2 + 8^3 + 9^4 \\
 21598 &:= 0^7 + 1^9 + 2^0 + 3^8 + 4^6 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3 & 21647 &:= 0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0 & 21696 &:= 0^7 + 1^8 + 2^9 + 3^4 + 4^6 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1 \\
 21599 &:= 0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^0 + 6^4 + 7^5 + 8^2 + 9^3 & 21648 &:= 0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1 & 21697 &:= 0^8 - 1^0 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^3 + 9^4 \\
 21600 &:= 0^6 - 1^8 + 2^9 + 3^7 + 4^0 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3 & 21649 &:= 0^2 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^3 + 9^4 & 21698 &:= 0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3 \\
 21601 &:= 0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^0 + 6^4 + 7^5 + 8^2 + 9^3 & 21650 &:= 0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1 & 21699 &:= 0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^3 + 9^4 \\
 21602 &:= 0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3 & 21651 &:= 0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^0 + 8^3 + 9^4 & 21700 &:= 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^5 + 7^2 + 8^3 + 9^4 \\
 21603 &:= 0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4 & 21652 &:= 0^8 + 1^9 + 2^6 + 3^1 + 4^7 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3 & 21701 &:= 0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3 \\
 21604 &:= 0^8 + 1^9 - 2^7 + 3^6 + 4^3 + 5^2 + 6^0 + 7^5 + 8^4 + 9^1 & 21653 &:= 0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^5 + 7^1 + 8^3 + 9^4 & 21702 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2 \\
 21605 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4 & 21654 &:= 0^8 - 1^9 + 2^7 + 3^1 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3 & 21703 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2 \\
 21606 &:= 0^6 - 1^7 + 2^9 + 3^8 + 4^0 + 5^3 + 6^5 + 7^1 + 8^2 + 9^4 & 21655 &:= 0^8 - 1^9 + 2^6 + 3^0 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3 & 21704 &:= 0^1 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2 \\
 21607 &:= 0^8 - 1^9 - 2^5 + 3^6 + 4^7 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2 & 21656 &:= 0^8 + 1^9 + 2^7 + 3^1 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3 & 21705 &:= 0^6 + 1^8 - 2^9 + 3^0 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2 \\
 21608 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^3 + 6^5 + 7^1 + 8^2 + 9^4 & 21657 &:= 0^8 + 1^9 + 2^6 + 3^0 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3 & 21706 &:= 0^8 - 1^9 + 2^2 - 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1 \\
 21609 &:= 0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^1 + 7^3 + 8^4 + 9^0 & 21658 &:= 0^8 - 1^9 + 2^7 + 3^4 + 4^6 + 5^2 + 6^0 + 7^5 + 8^3 + 9^1 & 21707 &:= 0^8 + 1^9 - 2^7 + 3^0 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2 \\
 21610 &:= -0^0 + 1^7 + 2^9 - 3^8 + 4^6 + 5^3 + 6^1 + 7^5 + 8^2 + 9^4 & 21659 &:= 0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2 & 21708 &:= 0^7 - 1^8 + 2^9 + 3^4 + 4^6 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2 \\
 21611 &:= 0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^1 + 7^3 + 8^4 + 9^0 & 21660 &:= 0^8 + 1^9 + 2^7 + 3^4 + 4^6 + 5^2 + 6^0 + 7^5 + 8^3 + 9^1 & 21709 &:= 0^9 - 1^0 - 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2 \\
 21612 &:= 0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1 & 21661 &:= 0^6 - 1^9 + 2^8 + 3^0 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2 & 21710 &:= 0^7 + 1^8 + 2^9 + 3^4 + 4^6 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2 \\
 21613 &:= 0^8 - 1^9 + 2^3 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0 & 21662 &:= 0^6 + 1^8 + 2^9 - 3^2 + 4^7 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1 & 21711 &:= 0^8 - 1^9 + 2^7 + 3^4 + 4^6 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2 \\
 21614 &:= 0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1 & 21663 &:= 0^6 + 1^9 + 2^8 + 3^0 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2 & 21712 &:= 0^7 + 1^8 + 2^9 + 3^4 + 4^6 + 5^3 + 6^0 + 7^5 + 8^1 + 9^2 \\
 21615 &:= 0^8 + 1^9 + 2^3 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0 & 21664 &:= 0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2 & 21713 &:= 0^8 + 1^9 + 2^7 + 3^4 + 4^6 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2 \\
 21616 &:= 0^8 + 1^9 + 2^6 + 3^2 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3 & 21665 &:= 0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2 & 21714 &:= 0^5 - 1^9 - 2^8 + 3^6 + 4^7 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3 \\
 21617 &:= 0^7 + 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0 & 21666 &:= 0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2 & 21715 &:= 0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^3 + 7^1 + 8^4 + 9^0 \\
 21618 &:= 0^7 - 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^0 + 7^3 + 8^4 + 9^1 & 21667 &:= 0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2 & 21716 &:= 0^1 - 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3 \\
 21619 &:= 0^8 + 1^9 + 2^7 + 3^2 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3 & 21668 &:= 0^7 + 1^8 + 2^9 + 3^4 + 4^6 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1 & 21717 &:= 0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^3 + 7^0 + 8^4 + 9^1 \\
 21620 &:= 0^7 + 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^0 + 7^3 + 8^4 + 9^1 & 21669 &:= 0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4 & 21718 &:= 0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3 \\
 21621 &:= 0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^2 + 7^3 + 8^4 + 9^0 & 21670 &:= 0^7 - 1^8 + 2^6 + 3^9 + 4^5 + 5^4 + 6^3 + 7^2 + 8^0 + 9^1 & 21719 &:= 0^2 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^1 + 9^0 \\
 21622 &:= 0^6 + 1^8 - 2^7 + 3^9 + 4^5 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1 & 21671 &:= 0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4 & 21720 &:= 0^2 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1 \\
 21623 &:= 0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^2 + 7^3 + 8^4 + 9^1 & 21672 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^4 + 6^3 + 7^2 + 8^0 + 9^1 & 21721 &:= 0^6 - 1^8 + 2^9 - 3^1 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0 \\
 21624 &:= 0^0 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2 & 21673 &:= 0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2 & 21722 &:= -0^0 - 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3 \\
 21625 &:= 0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^2 + 7^3 + 8^4 + 9^1 & 21674 &:= -0^0 - 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4 & 21723 &:= 0^9 - 1^0 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3 \\
 21626 &:= 0^7 - 1^9 - 2^8 + 3^6 + 4^0 + 5^2 + 6^3 + 7^5 + 8^4 + 9^1 & 21675 &:= 0^8 - 1^0 + 2^9 + 3^7 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4 & 21724 &:= -0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3
 \end{aligned}$$

21725 := $0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$	21774 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^4 + 6^0 + 7^5 + 8^1 + 9^2$	21823 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^0 + 6^5 + 7^3 + 8^2 + 9^4$
21726 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$	21775 := $0^1 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^2 + 9^0$	21824 := $0^3 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^4 + 8^2 + 9^1$
21727 := $0^6 - 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$	21776 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^1 + 6^5 + 7^3 + 8^0 + 9^4$	21825 := $0^7 + 1^8 - 2^6 + 3^9 + 4^5 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0$
21728 := $0^8 - 1^9 + 2^7 + 3^3 + 4^6 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1$	21777 := $0^6 - 1^7 + 2^9 + 3^8 + 4^2 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4$	21826 := $0^7 - 1^8 + 2^6 + 3^9 + 4^5 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$
21729 := $0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$	21778 := $-0^0 - 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^2 + 9^3$	21827 := $0^7 + 1^8 - 2^6 + 3^9 + 4^5 + 5^4 + 6^2 + 7^0 + 8^3 + 9^1$
21730 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1$	21779 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4$	21828 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$
21731 := $0^6 - 1^8 + 2^9 - 3^0 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$	21780 := $-0^0 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1$	21829 := $0^7 - 1^8 - 2^9 + 3^2 + 4^6 + 5^3 + 6^4 + 7^5 + 8^1 + 9^0$
21732 := $0^8 + 1^9 + 2^7 + 3^6 - 4^3 + 5^2 + 6^0 + 7^5 + 8^4 + 9^1$	21781 := $0^7 - 1^8 + 2^9 + 3^4 + 4^6 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0$	21830 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^4 + 6^0 + 7^3 + 8^1 + 9^2$
21733 := $0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^4 + 6^3 + 7^2 + 8^1 + 9^0$	21782 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1$	21831 := $0^7 + 1^8 - 2^9 + 3^2 + 4^6 + 5^3 + 6^4 + 7^5 + 8^1 + 9^0$
21734 := $0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^4 + 6^3 + 7^2 + 8^0 + 9^1$	21783 := $0^7 + 1^8 + 2^9 + 3^4 + 4^6 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0$	21832 := $0^8 - 1^9 + 2^1 + 3^7 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$
21735 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^4 + 6^3 + 7^2 + 8^1 + 9^0$	21784 := $0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1$	21833 := $0^6 + 1^9 + 2^2 - 3^8 + 4^7 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$
21736 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^4 + 6^3 + 7^2 + 8^0 + 9^1$	21785 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$	21834 := $0^8 + 1^9 + 2^1 + 3^7 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$
21737 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0$	21786 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$	21835 := $0^7 - 1^8 - 2^6 + 3^9 + 4^5 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$
21738 := $0^5 + 1^9 - 2^8 + 3^6 + 4^7 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3$	21787 := $0^7 + 1^8 + 2^9 + 3^4 + 4^6 + 5^0 + 6^3 + 7^5 + 8^2 + 9^1$	21836 := $0^3 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$
21739 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1$	21788 := $0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4$	21837 := $0^7 + 1^8 - 2^6 + 3^9 + 4^5 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$
21740 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$	21789 := $0^8 + 1^9 + 2^1 + 3^7 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0$	21838 := $0^3 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$
21741 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1$	21790 := $0^1 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2$	21839 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^1 + 7^3 + 8^4 + 9^0$
21742 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$	21791 := $0^7 + 1^8 - 2^9 + 3^0 + 4^6 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3$	21840 := $0^3 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^4 + 8^1 + 9^2$
21743 := $0^8 + 1^9 - 2^7 + 3^6 + 4^2 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0$	21792 := $0^1 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2$	21841 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^1 + 7^3 + 8^4 + 9^0$
21744 := $0^6 - 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$	21793 := $0^3 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^0$	21842 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1$
21745 := $0^7 - 1^8 + 2^9 + 3^4 + 4^6 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0$	21794 := $0^3 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$	21843 := $0^9 - 1^0 - 2^6 - 3^8 + 4^7 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$
21746 := $0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$	21795 := $0^3 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^0$	21844 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1$
21747 := $0^7 + 1^8 + 2^9 + 3^4 + 4^6 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0$	21796 := $0^3 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$	21845 := $0^6 - 1^8 + 2^9 + 3^2 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$
21748 := $0^7 + 1^8 + 2^9 + 3^4 + 4^6 + 5^2 + 6^3 + 7^5 + 8^0 + 9^1$	21797 := $0^7 - 1^9 + 2^8 + 3^4 + 4^6 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$	21846 := $-0^0 - 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
21749 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^4 + 6^3 + 7^1 + 8^2 + 9^0$	21798 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2$	21847 := $0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$
21750 := $0^7 + 1^8 - 2^9 + 3^3 + 4^6 + 5^2 + 6^4 + 7^5 + 8^0 + 9^1$	21799 := $0^7 + 1^9 + 2^8 + 3^4 + 4^6 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$	21848 := $0^3 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1$
21751 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^4 + 6^3 + 7^0 + 8^2 + 9^1$	21800 := $0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2$	21849 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^0$
21752 := $-0^0 - 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$	21801 := $0^7 - 1^8 + 2^9 + 3^4 + 4^6 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$	21850 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1$
21753 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^2 + 7^1 + 8^4 + 9^3$	21802 := $0^1 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3$	21851 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^2 + 7^3 + 8^4 + 9^0$
21754 := $-0^0 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$	21803 := $0^7 + 1^8 + 2^9 + 3^4 + 4^6 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$	21852 := $0^5 + 1^8 + 2^2 + 3^9 - 4^7 + 5^6 + 6^0 + 7^4 + 8^3 + 9^1$
21755 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^4 + 6^1 + 7^5 + 8^2 + 9^0$	21804 := $0^7 + 1^9 - 2^8 + 3^2 + 4^6 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$	21853 := $0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^2 + 7^3 + 8^4 + 9^1$
21756 := $0^8 - 1^9 + 2^7 + 3^3 + 4^6 + 5^4 + 6^0 + 7^5 + 8^2 + 9^1$	21805 := $0^5 + 1^9 - 2^8 + 3^7 + 4^3 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$	21854 := $0^7 + 1^8 + 2^2 + 3^9 - 4^6 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3$
21757 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3$	21806 := $0^6 - 1^9 + 2^8 + 3^2 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3$	21855 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^2 + 7^3 + 8^4 + 9^1$
21758 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^4 + 6^0 + 7^5 + 8^2 + 9^1$	21807 := $0^6 - 1^9 + 2^8 + 3^2 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3$	21856 := $0^7 - 1^9 + 2^8 + 3^3 + 4^6 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1$
21759 := $0^8 - 1^9 + 2^2 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^0$	21808 := $0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3$	21857 := $0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^4 + 6^2 + 7^5 + 8^1 + 9^0$
21760 := $-0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$	21809 := $0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3$	21858 := $0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1$
21761 := $0^8 + 1^9 + 2^2 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^0$	21810 := $0^0 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$	21859 := $0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$
21762 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$	21811 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$	21860 := $0^8 + 1^9 + 2^7 + 3^6 + 4^3 + 5^2 + 6^0 + 7^5 + 8^4 + 9^1$
21763 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^1 + 7^2 + 8^4 + 9^3$	21812 := $0^7 - 1^8 + 2^6 + 3^9 + 4^5 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1$	21861 := $0^3 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0$
21764 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3$	21813 := $0^3 - 1^9 + 2^6 - 3^8 + 4^7 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$	21862 := $0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^4 + 6^3 + 7^2 + 8^0 + 9^1$
21765 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^1 + 7^2 + 8^4 + 9^3$	21814 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1$	21863 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0$
21766 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$	21815 := $0^1 - 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$	21864 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^4 + 6^3 + 7^2 + 8^0 + 9^1$
21767 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2$	21816 := $0^3 + 1^9 + 2^8 - 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^0 + 9^2$	21865 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$
21768 := $0^6 - 1^9 - 2^8 + 3^3 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2$	21817 := $0^1 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$	21866 := $0^8 + 1^9 - 2^6 - 3^3 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^1$
21769 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2$	21818 := $0^0 + 1^7 + 2^9 - 3^8 + 4^2 + 5^6 + 6^5 + 7^3 + 8^4 + 9^1$	21867 := $0^8 + 1^9 + 2^7 + 3^6 + 4^3 + 5^1 + 6^2 + 7^5 + 8^4 + 9^0$
21770 := $0^8 - 1^9 + 2^7 + 3^3 + 4^6 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$	21819 := $0^3 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^2 + 9^0$	21868 := $0^7 - 1^8 - 2^6 + 3^9 + 4^5 + 5^4 + 6^0 + 7^1 + 8^3 + 9^2$
21771 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^3 + 7^1 + 8^4 + 9^2$	21820 := $-0^0 - 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$	21869 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^4 + 8^3 + 9^1$
21772 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$	21821 := $0^3 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^2 + 9^0$	21870 := $0^7 + 1^8 - 2^6 + 3^9 + 4^5 + 5^4 + 6^0 + 7^1 + 8^3 + 9^2$
21773 := $0^1 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^2 + 9^0$	21822 := $0^3 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^4 + 8^2 + 9^1$	21871 := $0^8 + 1^9 + 2^7 + 3^6 + 4^3 + 5^0 + 6^2 + 7^5 + 8^4 + 9^1$

21872 := $0^8 - 1^9 + 2^7 + 3^4 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^3$
21873 := $0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$
21874 := $0^8 + 1^9 + 2^7 + 3^4 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^3$
21875 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$
21876 := $0^8 + 1^9 + 2^7 + 3^4 + 4^6 + 5^2 + 6^0 + 7^5 + 8^1 + 9^3$
21877 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^4 + 6^3 + 7^1 + 8^2 + 9^0$
21878 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1$
21879 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^4 + 6^3 + 7^0 + 8^2 + 9^1$
21880 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2$
21881 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$
21882 := $0^8 - 1^9 + 2^7 + 3^4 + 4^6 + 5^1 + 6^2 + 7^5 + 8^0 + 9^3$
21883 := $0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0$
21884 := $0^8 + 1^9 + 2^7 + 3^4 + 4^6 + 5^1 + 6^2 + 7^5 + 8^0 + 9^3$
21885 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0$
21886 := $0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^4 + 6^0 + 7^5 + 8^2 + 9^1$
21887 := $0^8 + 1^9 + 2^7 + 3^4 + 4^6 + 5^0 + 6^2 + 7^5 + 8^1 + 9^3$
21888 := $0^6 - 1^9 - 2^8 + 3^2 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$
21889 := $0^6 + 1^8 + 2^9 + 3^0 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
21890 := $0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$
21891 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^2 + 7^1 + 8^4 + 9^0$
21892 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$
21893 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1$
21894 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^4 + 8^3 + 9^1$
21895 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2$
21896 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2$
21897 := $0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2$
21898 := $0^7 - 1^9 + 2^8 + 3^3 + 4^6 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$
21899 := $0^5 - 1^8 - 2^9 - 3^6 + 4^7 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$
21900 := $0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$
21901 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0$
21902 := $0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^4 + 6^0 + 7^5 + 8^1 + 9^2$
21903 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0$
21904 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1$
21905 := $0^6 + 1^9 + 2^1 - 3^8 + 4^7 + 5^3 + 6^5 + 7^0 + 8^4 + 9^2$
21906 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1$
21907 := $0^8 - 1^9 + 2^7 + 3^6 + 4^2 + 5^3 + 6^1 + 7^5 + 8^4 + 9^0$
21908 := $0^6 - 1^9 + 2^0 - 3^8 + 4^7 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$
21909 := $0^8 + 1^9 + 2^7 + 3^6 + 4^2 + 5^3 + 6^1 + 7^5 + 8^4 + 9^0$
21910 := $0^8 - 1^9 + 2^7 + 3^4 + 4^6 + 5^1 + 6^0 + 7^5 + 8^2 + 9^3$
21911 := $0^8 - 1^9 + 2^7 + 3^4 + 4^6 + 5^0 + 6^1 + 7^5 + 8^2 + 9^3$
21912 := $0^8 + 1^9 + 2^7 + 3^4 + 4^6 + 5^1 + 6^0 + 7^5 + 8^2 + 9^3$
21913 := $0^8 + 1^9 + 2^7 + 3^4 + 4^6 + 5^0 + 6^1 + 7^5 + 8^2 + 9^3$
21914 := $0^1 - 1^8 + 2^9 - 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4$
21915 := $0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2$

21916 := $0^1 + 1^8 + 2^9 - 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4$
21917 := $0^6 - 1^8 + 2^9 + 3^0 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$
21918 := $0^8 - 1^9 - 2^6 + 3^3 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^1$
21919 := $0^6 + 1^8 + 2^9 + 3^0 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$
21920 := $0^8 + 1^9 - 2^6 + 3^3 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^1$
21921 := $0^5 - 1^9 - 2^8 + 3^7 + 4^1 + 5^6 + 6^3 + 7^2 + 8^4 + 9^0$
21922 := $0^8 + 1^9 + 2^2 - 3^6 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3$
21923 := $0^5 + 1^9 - 2^8 + 3^7 + 4^1 + 5^6 + 6^3 + 7^2 + 8^4 + 9^0$
21924 := $0^0 + 1^8 + 2^9 - 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^4$
21925 := $0^8 - 1^9 + 2^7 + 3^6 + 4^1 + 5^3 + 6^2 + 7^5 + 8^4 + 9^0$
21926 := $0^5 - 1^9 - 2^8 + 3^7 + 4^0 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$
21927 := $0^8 + 1^9 + 2^7 + 3^6 + 4^1 + 5^3 + 6^2 + 7^5 + 8^4 + 9^0$
21928 := $0^5 + 1^9 - 2^8 + 3^7 + 4^0 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$
21929 := $0^8 + 1^9 - 2^7 + 3^2 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^0$
21930 := $0^8 - 1^9 + 2^7 + 3^6 + 4^0 + 5^3 + 6^2 + 7^5 + 8^4 + 9^1$
21931 := $0^6 + 1^7 - 2^8 + 3^9 + 4^5 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$
21932 := $0^8 + 1^9 + 2^7 + 3^6 + 4^0 + 5^3 + 6^2 + 7^5 + 8^4 + 9^1$
21933 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$
21934 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2$
21935 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$
21936 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2$
21937 := $0^6 - 1^9 - 2^8 + 3^1 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$
21938 := $0^8 - 1^9 - 2^5 + 3^6 + 4^7 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$
21939 := $0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$
21940 := $0^8 + 1^9 - 2^5 + 3^6 + 4^7 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$
21941 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$
21942 := $-0^0 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2$
21943 := $0^6 - 1^7 + 2^9 + 3^8 + 4^2 + 5^1 + 6^5 + 7^0 + 8^3 + 9^4$
21944 := $-0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2$
21945 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^1 + 6^5 + 7^0 + 8^3 + 9^4$
21946 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2$
21947 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^0 + 6^5 + 7^1 + 8^3 + 9^4$
21948 := $0^8 + 1^9 - 2^6 + 3^3 + 4^7 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$
21949 := $0^8 + 1^9 - 2^5 + 3^6 + 4^7 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3$
21950 := $0^8 - 1^9 + 2^0 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
21951 := $0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4$
21952 := $0^8 + 1^9 + 2^0 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
21953 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4$
21954 := $0^6 - 1^7 + 2^9 + 3^8 + 4^0 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4$
21955 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^4 + 6^2 + 7^0 + 8^3 + 9^1$
21956 := $0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4$
21957 := $0^6 + 1^8 - 2^9 + 3^0 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$
21958 := $0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$
21959 := $0^8 + 1^9 - 2^7 + 3^0 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1$

21960 := $0^8 - 1^9 + 2^1 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$
21961 := $0^8 - 1^9 + 2^7 + 3^0 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$
21962 := $0^8 + 1^9 + 2^1 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$
21963 := $0^8 + 1^9 + 2^7 + 3^0 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$
21964 := $0^8 + 1^9 - 2^6 + 3^3 + 4^7 + 5^5 + 6^0 + 7^4 + 8^1 + 9^2$
21965 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$
21966 := $0^7 - 1^8 + 2^6 + 3^9 + 4^5 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1$
21967 := $0^1 + 1^9 + 2^6 - 3^8 + 4^7 + 5^3 + 6^5 + 7^0 + 8^4 + 9^2$
21968 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1$
21969 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^3 + 7^1 + 8^4 + 9^0$
21970 := $0^8 - 1^9 + 2^7 + 3^6 + 4^1 + 5^3 + 6^0 + 7^5 + 8^4 + 9^2$
21971 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^3 + 7^1 + 8^4 + 9^0$
21972 := $0^8 + 1^9 + 2^7 + 3^6 + 4^1 + 5^3 + 6^0 + 7^5 + 8^4 + 9^2$
21973 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^3 + 7^0 + 8^4 + 9^1$
21974 := $0^8 + 1^9 + 2^7 + 3^6 + 4^0 + 5^3 + 6^1 + 7^5 + 8^4 + 9^2$
21975 := $0^2 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^1 + 9^0$
21976 := $0^2 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1$
21977 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$
21978 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$
21979 := $0^6 + 1^8 - 2^7 + 3^9 + 4^5 + 5^4 + 6^2 + 7^0 + 8^1 + 9^3$
21980 := $0^8 + 1^9 + 2^2 + 3^7 + 4^5 + 5^6 + 6^0 + 7^4 + 8^1 + 9^3$
21981 := $0^8 - 1^0 + 2^9 - 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
21982 := $0^6 + 1^9 + 2^8 - 3^7 + 4^0 + 5^2 + 6^1 + 7^5 + 8^3 + 9^4$
21983 := $0^7 - 1^9 + 2^8 + 3^6 + 4^3 + 5^2 + 6^1 + 7^5 + 8^4 + 9^0$
21984 := $0^0 + 1^8 + 2^9 - 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
21985 := $0^7 + 1^9 + 2^8 + 3^6 + 4^3 + 5^2 + 6^1 + 7^5 + 8^4 + 9^0$
21986 := $0^7 - 1^9 + 2^8 + 3^6 + 4^3 + 5^2 + 6^0 + 7^5 + 8^4 + 9^1$
21987 := $0^8 + 1^9 - 2^5 + 3^7 + 4^3 + 5^6 + 6^2 + 7^0 + 8^4 + 9^1$
21988 := $0^7 + 1^9 + 2^8 + 3^6 + 4^3 + 5^2 + 6^0 + 7^5 + 8^4 + 9^1$
21989 := $0^6 - 1^9 + 2^8 - 3^7 + 4^1 + 5^0 + 6^2 + 7^5 + 8^3 + 9^4$
21990 := $0^6 + 1^8 - 2^7 + 3^9 + 4^5 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3$
21991 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0$
21992 := $0^6 + 1^8 - 2^7 + 3^9 + 4^5 + 5^4 + 6^0 + 7^2 + 8^1 + 9^3$
21993 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0$
21994 := $0^6 - 1^8 - 2^9 + 3^1 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$
21995 := $0^7 + 1^9 + 2^8 + 3^6 + 4^3 + 5^1 + 6^2 + 7^5 + 8^4 + 9^0$
21996 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$
21997 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1$
21998 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$
21999 := $0^7 + 1^9 + 2^8 + 3^6 + 4^3 + 5^0 + 6^2 + 7^5 + 8^4 + 9^1$
22000 := $0^7 - 1^9 + 2^8 + 3^4 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^3$

22001 := $0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$
22002 := $0^7 + 1^9 + 2^8 + 3^4 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^3$
22003 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$
22004 := $0^7 + 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3$

22005 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3$
22006 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1$
22007 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3$
22008 := $0^8 - 1^9 - 2^0 + 3^7 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$

22009 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^2 + 7^1 + 8^4 + 9^3$
22010 := $0^7 - 1^9 + 2^8 + 3^4 + 4^6 + 5^1 + 6^2 + 7^5 + 8^0 + 9^3$
22011 := $0^2 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^0$
22012 := $0^7 + 1^9 + 2^8 + 3^4 + 4^6 + 5^1 + 6^2 + 7^5 + 8^0 + 9^3$

22013 := $0^2 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^0$
22014 := $0^2 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^1$
22015 := $0^7 + 1^9 + 2^8 + 3^4 + 4^6 + 5^0 + 6^2 + 7^5 + 8^1 + 9^3$
22016 := $0^2 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^1$
22017 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0$
22018 := $0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$
22019 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^4 + 6^2 + 7^0 + 8^3 + 9^1$
22020 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$
22021 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^1 + 7^2 + 8^4 + 9^3$
22022 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^4 + 6^0 + 7^3 + 8^1 + 9^2$
22023 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2$
22024 := $0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3$
22025 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2$
22026 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3$
22027 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^3 + 7^1 + 8^4 + 9^2$
22028 := $0^8 - 1^9 - 2^1 + 3^7 + 4^5 + 5^6 + 6^0 + 7^4 + 8^2 + 9^3$
22029 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$
22030 := $0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1$
22031 := $0^1 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^2 + 9^0$
22032 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1$
22033 := $0^8 - 1^9 + 2^1 - 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^3 + 9^0$
22034 := $0^8 + 1^9 + 2^1 + 3^7 + 4^5 + 5^6 + 6^0 + 7^4 + 8^2 + 9^3$
22035 := $0^7 - 1^9 + 2^8 + 3^6 + 4^2 + 5^3 + 6^1 + 7^5 + 8^4 + 9^0$
22036 := $0^8 - 1^9 + 2^0 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^2 + 9^3$
22037 := $0^7 + 1^9 + 2^8 + 3^6 + 4^2 + 5^3 + 6^1 + 7^5 + 8^4 + 9^0$
22038 := $0^8 + 1^9 + 2^0 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^2 + 9^3$
22039 := $0^8 + 1^0 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1$
22040 := $0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1$
22041 := $0^7 + 1^8 + 2^9 + 3^4 + 4^6 + 5^2 + 6^1 + 7^5 + 8^3 + 9^0$
22042 := $0^7 - 1^8 + 2^9 + 3^4 + 4^6 + 5^2 + 6^0 + 7^5 + 8^3 + 9^1$
22043 := $0^1 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0$
22044 := $0^7 + 1^8 + 2^9 + 3^4 + 4^6 + 5^2 + 6^0 + 7^5 + 8^3 + 9^1$
22045 := $0^8 - 1^9 + 2^6 + 3^3 + 4^7 + 5^5 + 6^2 + 7^4 + 8^1 + 9^0$
22046 := $0^1 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2$
22047 := $0^8 + 1^9 + 2^6 + 3^3 + 4^7 + 5^5 + 6^2 + 7^4 + 8^1 + 9^0$
22048 := $0^1 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2$
22049 := $0^8 + 1^9 + 2^5 + 3^7 + 4^3 + 5^6 + 6^2 + 7^1 + 8^4 + 9^0$
22050 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1$
22051 := $0^7 + 1^8 + 2^9 + 3^4 + 4^6 + 5^1 + 6^2 + 7^5 + 8^3 + 9^0$
22052 := $0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1$
22053 := $0^7 - 1^8 + 2^9 + 3^4 + 4^6 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$
22054 := $-0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2$
22055 := $0^7 + 1^8 + 2^9 + 3^4 + 4^6 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$
22056 := $0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2$
22057 := $0^8 - 1^9 + 2^2 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$
22058 := $0^7 - 1^9 + 2^8 + 3^6 + 4^0 + 5^3 + 6^2 + 7^5 + 8^4 + 9^1$
22059 := $0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$
22060 := $0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^3 + 6^2 + 7^5 + 8^4 + 9^1$
22061 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^4 + 6^1 + 7^0 + 8^3 + 9^2$
22062 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^4 + 6^0 + 7^1 + 8^3 + 9^2$
22063 := $0^8 + 1^9 + 2^7 + 3^6 + 4^1 + 5^0 + 6^3 + 7^5 + 8^4 + 9^2$
22064 := $0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3$
22065 := $0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3$
22066 := $0^0 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$
22067 := $0^7 - 1^9 + 2^8 + 3^1 + 4^6 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0$
22068 := $0^7 - 1^8 - 2^6 + 3^9 + 4^5 + 5^4 + 6^0 + 7^1 + 8^2 + 9^3$
22069 := $0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0$
22070 := $0^7 + 1^8 - 2^6 + 3^9 + 4^5 + 5^4 + 6^0 + 7^1 + 8^2 + 9^3$
22071 := $0^8 - 1^9 + 2^6 + 3^3 + 4^7 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$
22072 := $0^3 + 1^8 + 2^9 - 3^7 + 4^4 + 5^6 + 6^5 + 7^1 +$

22160 := $0^6+1^7+2^8+3^9+4^5+5^4+6^0+7^2+8^3+9^1$
22161 := $0^6+1^7-2^8+3^9+4^5+5^1+6^4+7^3+8^2+9^0$
22162 := $0^6+1^8-2^9-3^1+4^7+5^5+6^2+7^4+8^0+9^3$
22163 := $0^6-1^7-2^8+3^9+4^5+5^0+6^4+7^3+8^2+9^1$
22164 := $0^8+1^9-2^7-3^1+4^6+5^4+6^2+7^5+8^0+9^3$
22165 := $0^6+1^7-2^8+3^9+4^5+5^0+6^4+7^3+8^2+9^1$
22166 := $0^6-1^8-2^9+3^1+4^7+5^5+6^2+7^4+8^0+9^3$
22167 := $0^5+1^8-2^9+3^7+4^1+5^6+6^2+7^0+8^4+9^3$
22168 := $0^7-1^8+2^6+3^9+4^5+5^4+6^2+7^1+8^0+9^3$
22169 := $0^7-1^8+2^6+3^9+4^5+5^4+6^2+7^0+8^1+9^3$
22170 := $0^7+1^8+2^6+3^9+4^5+5^4+6^2+7^1+8^0+9^3$
22171 := $0^7+1^8+2^6+3^9+4^5+5^4+6^2+7^0+8^1+9^3$
22172 := $0^3-1^8-2^9+3^6+4^7+5^5+6^2+7^4+8^0+9^1$
22173 := $0^3+1^8-2^9+3^6+4^7+5^5+6^2+7^4+8^1+9^0$
22174 := $0^3+1^8-2^9+3^6+4^7+5^5+6^2+7^4+8^0+9^1$
22175 := $0^8+1^9-2^7+3^0+4^6+5^4+6^2+7^5+8^1+9^3$
22176 := $0^6-1^7-2^8+3^9+4^5+5^1+6^4+7^3+8^0+9^2$
22177 := $0^8-1^9-2^5+3^7+4^1+5^6+6^3+7^0+8^4+9^2$
22178 := $0^6+1^7-2^8+3^9+4^5+5^1+6^4+7^3+8^0+9^2$
22179 := $0^8-1^9+2^5+3^7+4^2+5^6+6^3+7^1+8^4+9^0$
22180 := $0^7-1^8+2^6+3^9+4^5+5^4+6^1+7^2+8^0+9^3$
22181 := $0^8+1^9+2^5+3^7+4^2+5^6+6^3+7^1+8^4+9^0$
22182 := $0^7+1^8+2^6+3^9+4^5+5^4+6^1+7^2+8^0+9^3$
22183 := $0^8+1^9+2^5+3^7+4^2+5^6+6^3+7^0+8^4+9^1$
22184 := $0^7+1^8+2^6+3^9+4^5+5^4+6^0+7^2+8^1+9^3$
22185 := $0^8+1^9+2^7+3^2+4^6+5^4+6^1+7^5+8^3+9^0$
22186 := $0^8-1^9+2^7+3^2+4^6+5^4+6^0+7^5+8^3+9^1$
22187 := $0^6-1^7+2^8+3^9+4^5+5^4+6^1+7^0+8^3+9^2$
22188 := $0^8+1^9+2^7+3^2+4^6+5^4+6^0+7^5+8^3+9^1$
22189 := $0^6+1^7+2^8+3^9+4^5+5^4+6^1+7^0+8^3+9^2$
22190 := $0^6+1^7+2^8+3^9+4^5+5^4+6^0+7^1+8^3+9^2$
22191 := $0^7+1^9+2^8+3^6+4^1+5^0+6^3+7^5+8^4+9^2$
22192 := $0^7+1^9+2^8+3^6+4^0+5^1+6^3+7^5+8^4+9^2$
22193 := $0^1+1^7-2^9+3^8+4^6+5^3+6^5+7^2+8^4+9^0$
22194 := $0^6-1^8-2^9+3^1+4^7+5^5+6^0+7^4+8^2+9^3$
22195 := $0^7-1^8+2^6+3^9+4^5+5^4+6^1+7^0+8^2+9^3$
22196 := $0^7-1^8+2^6+3^9+4^5+5^4+6^0+7^1+8^2+9^3$
22197 := $0^7+1^8+2^6+3^9+4^5+5^4+6^1+7^0+8^2+9^3$
22198 := $0^7+1^8+2^6+3^9+4^5+5^4+6^0+7^1+8^2+9^3$
22199 := $0^1+1^9+2^8+3^6+4^7+5^5+6^4+7^3+8^2+9^0$
22200 := $-0^0+1^7-2^9+3^8+4^6+5^3+6^5+7^2+8^4+9^1$
22201 := $0^7+1^0-2^9+3^8+4^6+5^3+6^5+7^2+8^4+9^1$
22202 := $0^0+1^7-2^9+3^8+4^6+5^3+6^5+7^2+8^4+9^1$
22203 := $0^7+1^8-2^9+3^5+4^1+5^6+6^3+7^0+8^2+9^4$
22204 := $-0^0-1^9+2^8+3^6+4^7+5^5+6^4+7^3+8^2+9^1$
22205 := $0^9-1^0+2^8+3^6+4^7+5^5+6^4+7^3+8^2+9^1$
22206 := $-0^0+1^9+2^8+3^6+4^7+5^5+6^4+7^3+8^2+9^1$
22207 := $0^9+1^0+2^8+3^6+4^7+5^5+6^4+7^3+8^2+9^1$
22208 := $0^0+1^9+2^8+3^6+4^7+5^5+6^4+7^3+8^2+9^1$
22209 := $0^8+1^9+2^6+3^2+4^7+5^5+6^3+7^4+8^1+9^0$
22210 := $0^8+1^9+2^6+3^2+4^7+5^5+6^3+7^4+8^0+9^1$
22211 := $0^8+1^9+2^5+3^7+4^1+5^6+6^3+7^2+8^4+9^0$
22212 := $0^0+1^9+2^8-3^6+4^7+5^5+6^2+7^4+8^1+9^3$
22213 := $0^8-1^9+2^7+3^0+4^6+5^4+6^2+7^5+8^3+9^1$
22214 := $0^1-1^9+2^8+3^6+4^7+5^5+6^4+7^3+8^0+9^2$
22215 := $0^8+1^9+2^7+3^0+4^6+5^4+6^2+7^5+8^3+9^1$
22216 := $0^1+1^9+2^8+3^6+4^7+5^5+6^4+7^3+8^0+9^2$
22217 := $0^5-1^7-2^9+3^8+4^4+5^6+6^3+7^1+8^2+9^0$
22218 := $0^3+1^8-2^9+3^6+4^7+5^5+6^0+7^4+8^1+9^2$
22219 := $0^5+1^7-2^9+3^8+4^4+5^6+6^3+7^1+8^2+9^0$
22220 := $-0^0-1^9+2^8+3^6+4^7+5^5+6^4+7^3+8^1+9^2$
22221 := $0^9-1^0+2^8+3^6+4^7+5^5+6^4+7^3+8^1+9^2$
22222 := $-0^0+1^9+2^8+3^6+4^7+5^5+6^4+7^3+8^1+9^2$
22223 := $0^9+1^0+2^8+3^6+4^7+5^5+6^4+7^3+8^1+9^2$
22224 := $0^0+1^9+2^8+3^6+4^7+5^5+6^4+7^3+8^1+9^2$
22225 := $0^5-1^9+2^8+3^6+4^7+5^2+6^1+7^0+8^4+9^3$
22226 := $0^5-1^9+2^8+3^6+4^7+5^2+6^0+7^1+8^4+9^3$
22227 := $0^5+1^9+2^8+3^6+4^7+5^2+6^1+7^0+8^4+9^3$
22228 := $0^5+1^9+2^8+3^6+4^7+5^2+6^0+7^1+8^4+9^3</$

22307 := $0^8 + 1^0 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1$	22356 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^3 + 6^0 + 7^5 + 8^4 + 9^2$	22405 := $0^5 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$
22308 := $0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1$	22357 := $0^7 + 1^8 - 2^6 + 3^9 + 4^5 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$	22406 := $0^5 + 1^9 - 2^8 + 3^7 + 4^2 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3$
22309 := $0^2 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$	22358 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^3 + 6^1 + 7^5 + 8^4 + 9^2$	22407 := $0^5 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^3 + 7^0 + 8^4 + 9^1$
22310 := $0^8 + 1^9 + 2^5 + 3^7 + 4^2 + 5^6 + 6^0 + 7^3 + 8^4 + 9^1$	22359 := $0^9 - 1^0 + 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$	22408 := $0^8 - 1^9 - 2^7 + 3^5 + 4^3 + 5^6 + 6^2 + 7^1 + 8^0 + 9^4$
22311 := $0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$	22360 := $-0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$	22409 := $0^1 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$
22312 := $0^8 + 1^9 - 2^1 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3$	22361 := $0^9 + 1^0 + 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$	22410 := $0^8 + 1^9 - 2^7 + 3^5 + 4^3 + 5^6 + 6^2 + 7^1 + 8^0 + 9^4$
22313 := $0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^0 + 8^3 + 9^1$	22362 := $0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$	22411 := $0^8 + 1^9 - 2^7 + 3^5 + 4^3 + 5^6 + 6^2 + 7^0 + 8^1 + 9^4$
22314 := $0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$	22363 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^4 + 6^2 + 7^0 + 8^1 + 9^3$	22412 := $0^7 - 1^9 - 2^8 + 3^5 + 4^2 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4$
22315 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$	22364 := $0^5 + 1^7 - 2^9 + 3^8 + 4^4 + 5^6 + 6^0 + 7^3 + 8^1 + 9^2$	22413 := $0^7 - 1^9 - 2^8 + 3^5 + 4^2 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4$
22316 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$	22365 := $0^2 - 1^7 - 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$	22414 := $0^7 + 1^9 - 2^8 + 3^5 + 4^2 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4$
22317 := $0^5 + 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$	22366 := $0^7 + 1^8 - 2^9 - 3^6 + 4^2 + 5^1 + 6^3 + 7^5 + 8^0 + 9^4$	22415 := $0^7 + 1^9 - 2^8 + 3^5 + 4^2 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4$
22318 := $0^5 + 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2$	22367 := $0^2 + 1^7 - 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$	22416 := $-0^0 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
22319 := $0^5 + 1^7 - 2^9 + 3^8 + 4^4 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0$	22368 := $0^8 - 1^9 + 2^5 + 3^7 + 4^1 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2$	22417 := $0^8 + 1^0 - 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
22320 := $0^8 - 1^9 + 2^0 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$	22369 := $0^2 - 1^7 - 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$	22418 := $0^0 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
22321 := $0^1 + 1^9 + 2^8 - 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^3 + 9^2$	22370 := $0^8 + 1^9 + 2^5 + 3^7 + 4^1 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2$	22419 := $0^6 - 1^8 - 2^7 + 3^9 + 4^5 + 5^2 + 6^4 + 7^1 + 8^3 + 9^0$
22322 := $0^8 + 1^9 + 2^0 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$	22371 := $0^2 + 1^7 - 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$	22420 := $0^8 - 1^9 - 2^7 + 3^5 + 4^3 + 5^6 + 6^1 + 7^2 + 8^0 + 9^4$
22323 := $0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0$	22372 := $0^8 + 1^9 + 2^5 + 3^7 + 4^0 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$	22421 := $0^6 + 1^8 - 2^7 + 3^9 + 4^5 + 5^2 + 6^4 + 7^1 + 8^3 + 9^0$
22324 := $-0^0 - 1^9 + 2^8 - 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^3 + 9^2$	22373 := $0^7 + 1^8 - 2^6 + 3^9 + 4^5 + 5^0 + 6^4 + 7^3 + 8^1 + 9^2$	22422 := $0^8 + 1^9 - 2^7 + 3^5 + 4^3 + 5^6 + 6^1 + 7^2 + 8^0 + 9^4$
22325 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0$	22374 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3$	22423 := $0^8 - 1^9 + 2^7 + 3^3 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^0$
22326 := $-0^0 + 1^9 + 2^8 - 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^3 + 9^2$	22375 := $0^8 + 1^9 - 2^6 + 3^2 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$	22424 := $0^8 - 1^9 + 2^7 + 3^1 + 4^6 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$
22327 := $0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^3 + 6^4 + 7^1 + 8^2 + 9^0$	22376 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^4 + 6^0 + 7^2 + 8^1 + 9^3$	22425 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^0$
22328 := $0^8 - 1^9 + 2^5 + 3^7 + 4^0 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$	22377 := $0^7 + 1^8 + 2^5 + 3^9 - 4^6 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$	22426 := $0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$
22329 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^3 + 6^4 + 7^1 + 8^2 + 9^0$	22378 := $0^8 + 1^9 - 2^6 + 3^2 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1$	22427 := $0^8 - 1^9 + 2^7 + 3^3 + 4^6 + 5^0 + 6^4 + 7^5 + 8^2 + 9^1$
22330 := $0^8 + 1^9 + 2^5 + 3^7 + 4^0 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$	22379 := $0^8 - 1^9 - 2^5 - 3^6 + 4^7 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$	22428 := $0^3 - 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^1$
22331 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^3 + 6^4 + 7^0 + 8^2 + 9^1$	22380 := $0^7 - 1^9 + 2^8 + 3^1 + 4^6 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2$	22429 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^0 + 6^4 + 7^5 + 8^2 + 9^1$
22332 := $0^7 + 1^8 - 2^9 + 3^5 + 4^0 + 5^6 + 6^1 + 7^3 + 8^2 + 9^4$	22381 := $0^7 - 1^8 + 2^9 + 3^6 + 4^2 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0$	22430 := $0^3 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^1$
22333 := $0^2 - 1^8 + 2^9 - 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^1 + 9^0$	22382 := $0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2$	22431 := $0^8 + 1^9 + 2^7 + 3^0 + 4^6 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3$
22334 := $0^8 - 1^9 + 2^0 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$	22383 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0$	22432 := $0^7 + 1^8 - 2^9 + 3^2 + 4^6 + 5^1 + 6^4 + 7^5 + 8^0 + 9^3$
22335 := $0^7 - 1^9 + 2^8 + 3^1 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$	22384 := $0^6 + 1^9 + 2^8 - 3^2 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$	22433 := $0^5 - 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^3 + 7^2 + 8^4 + 9^0$
22336 := $0^8 + 1^9 + 2^0 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$	22385 := $0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2$	22434 := $0^0 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$
22337 := $0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$	22386 := $0^8 + 1^9 + 2^7 - 3^2 + 4^6 + 5^4 + 6^0 + 7^5 + 8^1 + 9^3$	22435 := $0^5 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^3 + 7^2 + 8^4 + 9^0$
22338 := $0^0 + 1^3 - 2^8 - 3^9 + 4^7 + 5^6 + 6^5 + 7^4 + 8^1 + 9^2$	22387 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^0 + 6^3 + 7^5 + 8^4 + 9^1$	22436 := $0^5 + 1^9 - 2^8 + 3^7 + 4^1 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3$
22339 := $0^2 - 1^6 + 2^9 - 3^8 + 4^7 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$	22388 := $0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^4 + 6^0 + 7^1 + 8^2 + 9^3$	22437 := $0^3 + 1^9 - 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^0 + 8^4 + 9^1$
22340 := $0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$	22389 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^4 + 6^1 + 7^0 + 8^2 + 9^3$	22438 := $0^5 - 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$
22341 := $0^7 - 1^9 + 2^8 + 3^0 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1$	22390 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^4 + 6^0 + 7^1 + 8^2 + 9^3$	22439 := $0^6 - 1^8 + 2^9 - 3^3 + 4^7 + 5^5 + 6^2 + 7^4 + 8^1 + 9^0$
22342 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$	22391 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^2 + 6^3 + 7^5 + 8^4 + 9^0$	22440 := $0^5 + 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$
22343 := $0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1$	22392 := $0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	22441 := $0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$
22344 := $0^1 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$	22393 := $0^7 - 1^0 - 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$	22442 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^1 + 6^4 + 7^5 + 8^0 + 9^2$
22345 := $0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$	22394 := $0^7 - 1^8 + 2^9 + 3^6 + 4^0 + 5^2 + 6^3 + 7^5 + 8^4 + 9^1$	22443 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$
22346 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2$	22395 := $0^7 + 1^0 - 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$	22444 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$
22347 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$	22396 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^2 + 6^3 + 7^5 + 8^4 + 9^1$	22445 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^2 + 6^4 + 7^3 + 8^1 + 9^0$
22348 := $-0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2$	22397 := $0^2 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0$	22446 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^2 + 6^4 + 7^3 + 8^0 + 9^1$
22349 := $0^8 + 1^0 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2$	22398 := $0^2 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1$	22447 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^0 + 6^3 + 7^5 + 8^4 + 9^2$
22350 := $0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2$	22399 := $0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0$	22448 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^1 + 6^3 + 7^5 + 8^4 + 9^2$
22351 := $0^1 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0$	22400 := $0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1$	22449 := $0^6 - 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$
22352 := $0^2 - 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$	22401 := $0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$	22450 := $0^6 - 1^9 - 2^8 + 3^1 + 4^7 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$
22353 := $0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0$	22402 := $0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$	22451 := $0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$
22354 := $0^7 - 1^8 + 2^9 + 3^6 + 4^1 + 5^3 + 6^0 + 7^5 + 8^4 + 9^2$	22403 := $0^5 - 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$	22452 := $0^8 - 1^9 + 2^7 + 3^1 + 4^6 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$
22355 := $0^7 - 1^8 - 2^6 + 3^9 + 4^5 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$	22404 := $0^8 + 1^9 + 2^7 + 3^2 + 4^6 + 5^4 + 6^0 + 7^5 + 8^1 + 9^3$	22453 := $0^1 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$

22452 := $0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$
22455 := $0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
22456 := $0^3 - 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$
22457 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^4 + 7^1 + 8^2 + 9^0$
22458 := $0^3 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$
22459 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^4 + 7^0 + 8^2 + 9^1$
22460 := $-0^0 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
22461 := $0^8 - 1^0 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
22462 := $-0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
22463 := $0^8 + 1^0 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
22464 := $0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
22465 := $0^5 - 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2$
22466 := $0^6 - 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$
22467 := $0^5 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2$
22468 := $0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$
22469 := $0^8 - 1^9 + 2^7 + 3^2 + 4^6 + 5^3 + 6^4 + 7^5 + 8^1 + 9^0$
22470 := $0^5 + 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^3 + 7^1 + 8^4 + 9^2$
22471 := $0^8 + 1^9 + 2^7 + 3^2 + 4^6 + 5^3 + 6^4 + 7^5 + 8^1 + 9^0$
22472 := $0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$
22473 := $0^6 + 1^9 + 2^8 + 3^0 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$
22474 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2$
22475 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$
22476 := $-0^0 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$
22477 := $0^8 - 1^0 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$
22478 := $-0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$
22479 := $0^8 + 1^0 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$
22480 := $0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$
22481 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$
22482 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$
22483 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3$
22484 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$
22485 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$
22486 := $0^2 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^4 + 8^0 + 9^3$
22487 := $0^5 + 1^7 - 2^9 + 3^8 + 4^4 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0$
22488 := $0^2 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^4 + 8^1 + 9^3$
22489 := $0^3 + 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^2$
22490 := $-0^0 - 1^8 + 2^9 - 3^6 + 4^7 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3$
22491 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3$
22492 := $-0^0 + 1^8 + 2^9 - 3^6 + 4^7 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3$
22493 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3$
22494 := $0^6 - 1^8 + 2^9 + 3^3 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^1$
22495 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^2 + 7^1 + 8^4 + 9^3$
22496 := $0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^1$
22497 := $0^5 - 1^7 - 2^9 + 3^8 + 4^4 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$
22498 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$
22499 := $0^7 - 1^8 + 2^6 + 3^9 + 4^5 + 5^0 + 6^4 + 7^3 + 8^1 + 9^2$
22500 := $0^5 - 1^7 - 2^9 + 3^8 + 4^4 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$
22501 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^0 + 6^4 + 7^3 + 8^1 + 9^2$
22502 := $0^5 + 1^7 - 2^9 + 3^8 + 4^4 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$
22503 := $0^8 + 1^9 + 2^6 + 3^2 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$
22504 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3$
22505 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^1 + 7^2 + 8^4 + 9^3$
22506 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3$
22507 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^1 + 7^2 + 8^4 + 9^3$
22508 := $0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^4 + 7^3 + 8^0 + 9^1$
22509 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^4 + 7^3 + 8^1 + 9^0$
22510 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^4 + 7^3 + 8^0 + 9^1$
22511 := $0^8 - 1^9 + 2^7 + 3^6 + 4^2 + 5^0 + 6^1 + 7^5 + 8^4 + 9^3$
22512 := $0^8 + 1^9 + 2^7 + 3^6 + 4^2 + 5^1 + 6^0 + 7^5 + 8^4 + 9^3$
22513 := $0^8 + 1^9 + 2^7 + 3^6 + 4^2 + 5^0 + 6^1 + 7^5 +$

$22601 := 0^5 - 1^9 - 2^7 + 3^8 + 4^4 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$
 $22602 := 0^0 + 1^8 + 2^3 - 3^9 + 4^7 + 5^6 + 6^5 + 7^4 + 8^1 + 9^2$
 $22603 := 0^5 + 1^9 - 2^7 + 3^8 + 4^4 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$
 $22604 := 0^0 + 1^8 - 2^9 - 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^4 + 9^2$
 $22605 := 0^5 + 1^9 - 2^7 + 3^8 + 4^4 + 5^6 + 6^3 + 7^0 + 8^2 + 9^1$
 $22606 := 0^8 - 1^9 + 2^7 - 3^5 + 4^2 + 5^6 + 6^0 + 7^1 + 8^3 + 9^4$
 $22607 := 0^1 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0$
 $22608 := 0^2 - 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$
 $22609 := 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0$
 $22610 := 0^2 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$
 $22611 := 0^7 - 1^8 + 2^6 + 3^9 + 4^5 + 5^2 + 6^4 + 7^1 + 8^3 + 9^0$
 $22612 := -0^0 - 1^9 - 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$
 $22613 := 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^2 + 6^4 + 7^1 + 8^3 + 9^0$
 $22614 := -0^0 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
 $22615 := 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^2 + 6^4 + 7^0 + 8^3 + 9^1$
 $22616 := -0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
 $22617 := 0^8 + 1^0 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
 $22618 := 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
 $22619 := 0^8 + 1^9 - 2^7 + 3^0 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1$
 $22620 := 0^5 + 1^9 - 2^7 + 3^8 + 4^4 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$
 $22621 := 0^5 + 1^9 - 2^7 + 3^8 + 4^4 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$
 $22622 := 0^8 - 1^9 + 2^5 - 3^6 + 4^7 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4$
 $22623 := 0^7 - 1^9 + 2^3 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^2$
 $22624 := 0^8 + 1^9 + 2^5 - 3^6 + 4^7 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4$
 $22625 := 0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^2$
 $22626 := 0^8 + 1^9 + 2^5 - 3^6 + 4^7 + 5^2 + 6^0 + 7^3 + 8^1 + 9^4$
 $22627 := 0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^0 + 6^5 + 7^1 + 8^4 + 9^2$
 $22628 := 0^8 - 1^9 - 2^5 + 3^7 + 4^2 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3$
 $22629 := 0^8 + 1^9 - 2^5 + 3^7 + 4^2 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3$
 $22630 := 0^8 + 1^9 - 2^5 + 3^7 + 4^2 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3$
 $22631 := 0^1 - 1^6 + 2^9 - 3^8 + 4^7 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$
 $22632 := 0^7 + 1^8 + 2^9 - 3^1 + 4^6 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2$
 $22633 := 0^7 - 1^8 + 2^6 + 3^9 + 4^5 + 5^1 + 6^4 + 7^2 + 8^3 + 9^0$
 $22634 := 0^8 + 1^9 + 2^5 - 3^6 + 4^7 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$
 $22635 := 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^1 + 6^4 + 7^2 + 8^3 + 9^0$
 $22636 := 0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^2 + 6^4 + 7^3 + 8^0 + 9^1$
 $22637 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^2 + 6^4 + 7^3 + 8^1 + 9^0$
 $22638 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^2 + 6^4 + 7^3 + 8^0 + 9^1$
 $22639 := 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$
 $22640 := 0^7 + 1^9 + 2^8 + 3^6 + 4^2 + 5^1 + 6^0 + 7^5 + 8^4 + 9^3$
 $22641 := 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2$
 $22642 := 0^8 - 1^9 - 2^6 + 3^1 + 4^7 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$
 $22643 := 0^2 - 1^8 - 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$
 $22644 := -0^0 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$
 $22645 := 0^8 - 1^0 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$
 $22646 := -0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$
 $22647 := 0^8 + 1^0 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$
 $22648 := 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$
 $22649 := 0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^0$
 $22650 := 0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^2 + 6^1 + 7^5 + 8^4 + 9^3$
 $22651 := 0^7 - 1^9 + 2^8 - 3^0 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$
 $22652 := 0^5 - 1^9 + 2^8 - 3^6 + 4^7 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4$
 $22653 := 0^7 - 1^9 + 2^8 + 3^0 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$
 $22654 := 0^5 + 1^9 + 2^8 - 3^6 + 4^7 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4$
 $22655 := 0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$
 $22656 := 0^6 - 1^8 + 2^9 + 3^2 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$
 $22657 := 0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$
 $22658 := 0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$
 $22659 := 0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^0 + 6^2 + 7^5 + 8^4 + 9^3$
 $22660 := 0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^1 + 6^2 + 7^5 + 8^4 + 9^3$
 $22661 := 0^5 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$
 $22662 := 0^8 + 1^9 - 2^5 + 3^7 + 4^0 + 5^6 + 6^1 + 7^2 + 8^4 + 9^3$
 $22663 := 0^5 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^3 + 7^0 + 8^4 + 9^1$
 $22664 := 0^7 - 1^9 + 2^8 + 3^1 + 4^6 +$

$$\begin{aligned}
 22748 &:= 0^7 - 1^9 + 2^5 + 3^8 + 4^4 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1 \\
 22749 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^4 + 5^6 + 6^3 + 7^2 + 8^1 + 9^0 \\
 22750 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^4 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1 \\
 22751 &:= 0^2 + 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0 \\
 22752 &:= 0^8 + 1^9 - 2^5 - 3^6 + 4^7 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4 \\
 22753 &:= 0^2 + 1^7 - 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3 \\
 22754 &:= 0^7 - 1^9 + 2^8 - 3^5 + 4^0 + 5^6 + 6^2 + 7^1 + 8^3 + 9^4 \\
 22755 &:= 0^2 + 1^7 - 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^1 + 8^4 + 9^3 \\
 22756 &:= 0^7 + 1^9 + 2^8 - 3^5 + 4^0 + 5^6 + 6^2 + 7^1 + 8^3 + 9^4 \\
 22757 &:= 0^5 - 1^9 + 2^8 - 3^6 + 4^7 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4 \\
 22758 &:= 0^6 + 1^9 + 2^8 - 3^1 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2 \\
 22759 &:= 0^5 + 1^9 + 2^8 - 3^6 + 4^7 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4 \\
 22760 &:= 0^1 - 1^8 + 2^9 - 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^0 + 9^3 \\
 22761 &:= 0^7 - 1^9 + 2^5 + 3^8 + 4^4 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0 \\
 22762 &:= 0^6 - 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2 \\
 22763 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^4 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0 \\
 22764 &:= 0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2 \\
 22765 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^4 + 5^6 + 6^3 + 7^0 + 8^2 + 9^1 \\
 22766 &:= 0^3 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2 \\
 22767 &:= 0^6 + 1^9 + 2^8 + 3^0 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2 \\
 22768 &:= 0^7 - 1^8 - 2^9 + 3^3 + 4^5 + 5^6 + 6^2 + 7^1 + 8^0 + 9^4 \\
 22769 &:= 0^1 - 1^9 - 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0 \\
 22770 &:= 0^8 - 1^9 + 2^6 + 3^1 + 4^7 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3 \\
 22771 &:= 0^7 - 1^8 + 2^9 + 3^3 + 4^6 + 5^2 + 6^4 + 7^5 + 8^1 + 9^0 \\
 22772 &:= 0^8 + 1^9 + 2^6 + 3^1 + 4^7 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3 \\
 22773 &:= 0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^2 + 6^4 + 7^5 + 8^1 + 9^0 \\
 22774 &:= 0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^2 + 6^4 + 7^5 + 8^0 + 9^1 \\
 22775 &:= 0^8 + 1^9 + 2^6 + 3^0 + 4^7 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3 \\
 22776 &:= 0^4 - 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1 \\
 22777 &:= 0^7 - 1^0 - 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3 \\
 22778 &:= 0^7 - 1^9 + 2^5 + 3^8 + 4^4 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2 \\
 22779 &:= 0^7 - 1^9 + 2^5 + 3^8 + 4^4 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2 \\
 22780 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^4 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2 \\
 22781 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^4 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2 \\
 22782 &:= 0^2 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3 \\
 22783 &:= 0^2 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3 \\
 22784 &:= 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3 \\
 22785 &:= 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3 \\
 22786 &:= 0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^4 + 6^1 + 7^5 + 8^0 + 9^3 \\
 22787 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0 \\
 22788 &:= 0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^4 + 6^0 + 7^5 + 8^1 + 9^3 \\
 22789 &:= 0^2 - 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0 \\
 22790 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^0 + 7^3 + 8^4 + 9^1 \\
 22791 &:= 0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0 \\
 22792 &:= 0^7 - 1^9 + 2^8 + 3^5 + 4^3 + 5^6 + 6^2 + 7^1 + 8^0 + 9^4 \\
 22793 &:= 0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^0 + 8^4 + 9^1 \\
 22794 &:= 0^7 + 1^9 + 2^8 + 3^5 + 4^3 + 5^6 + 6^2 + 7^1 + 8^0 + 9^4 \\
 22795 &:= 0^7 + 1^9 + 2^8 + 3^5 + 4^3 + 5^6 + 6^2 + 7^0 + 8^1 + 9^4 \\
 22796 &:= 0^8 - 1^9 + 2^7 + 3^5 + 4^2 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4 \\
 22797 &:= 0^8 - 1^9 + 2^7 + 3^5 + 4^2 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4 \\
 22798 &:= 0^8 + 1^9 + 2^7 + 3^5 + 4^2 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4 \\
 22799 &:= 0^8 + 1^9 + 2^7 + 3^5 + 4^2 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4 \\
 22800 &:= 0^7 + 1^9 - 2^5 + 3^8 + 4^4 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1 \\
 22801 &:= 0^1 + 1^8 - 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^0 \\
 22802 &:= 0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^3 \\
 22803 &:= 0^5 - 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^2 + 7^3 + 8^4 + 9^0 \\
 22804 &:= 0^7 - 1^9 + 2^8 + 3^5 + 4^3 + 5^6 + 6^1 + 7^2 + 8^0 + 9^4 \\
 22805 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^2 + 7^3 + 8^4 + 9^0 \\
 22806 &:= 0^7 + 1^9 + 2^8 + 3^5 + 4^3 + 5^6 + 6^1 + 7^2 + 8^0 + 9^4 \\
 22807 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^2 + 6^4 + 7^0 + 8^3 + 9^1 \\
 22808 &:= 0^7 + 1^9 + 2^8 + 3^5 + 4^3 + 5^6 + 6^0 + 7^2 + 8^1 + 9^4 \\
 22809 &:= 0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^0 \\
 22810 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1 \\
 22811 &:= 0^7 - 1^8 + 2^9 + 3^3 + 4^6 + 5^0 + 6^4 + 7^5 + 8^2 + 9^1 \\
 22812 &:= 0^1 + 1^9 + 2^0 + 3^7 - 4^8 + 5^3 + 6^6 + 7^2 + 8^5 + 9^4 \\
 22813 &:= 0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^0 + 6^4 + 7^5 + 8^2 + 9^1 \\
 22814 &:= 0^8 - 1^9 - 2^7 + 3^2 + 4^6 + 5^1 + 6^4 + 7^5 + 8^0 + 9^3 \\
 22815 &:= 0^7 + 1^8 + 2^9 + 3^0 + 4^6 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3 \\
 22816 &:= 0^8 + 1^9 - 2^7 + 3^2 + 4^6 + 5^1 + 6^4 + 7^5 + 8^0 + 9^3 \\
 22817 &:= 0^6 + 1^8 - 2^9 + 3^7 + 4^2 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0 \\
 22818 &:= 0^8 - 1^9 - 2^6 - 3^5 + 4^7 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4 \\
 22819 &:= 0^7 - 1^9 + 2^8 + 3^5 + 4^3 + 5^6 + 6^1 + 7^0 + 8^2 + 9^4 \\
 22820 &:= 0^7 - 1^9 + 2^8 + 3^5 + 4^3 + 5^6 + 6^0 + 7^1 + 8^2 + 9^4 \\
 22821 &:= 0^7 + 1^9 + 2^8 + 3^5 + 4^3 + 5^6 + 6^1 + 7^0 + 8^2 + 9^4 \\
 22822 &:= 0^7 + 1^9 + 2^8 + 3^5 + 4^3 + 5^6 + 6^0 + 7^1 + 8^2 + 9^4 \\
 22823 &:= 0^6 - 1^8 - 2^9 + 3^7 + 4^1 + 5^2 + 6^3 + 7^5 + 8^4 + 9^0 \\
 22824 &:= 0^1 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3 \\
 22825 &:= 0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^4 + 7^2 + 8^3 + 9^0 \\
 22826 &:= 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3 \\
 22827 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^4 + 7^2 + 8^3 + 9^0 \\
 22828 &:= 0^8 + 1^9 + 2^7 + 3^5 + 4^1 + 5^6 + 6^3 + 7^2 + 8^0 + 9^4 \\
 22829 &:= 0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^0 + 6^4 + 7^5 + 8^1 + 9^2 \\
 22830 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^2 + 6^4 + 7^1 + 8^0 + 9^3 \\
 22831 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1 \\
 22832 &:= 0^8 + 1^9 + 2^7 + 3^5 + 4^0 + 5^6 + 6^3 + 7^2 + 8^1 + 9^4 \\
 22833 &:= 0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^2 + 8^4 + 9^0 \\
 22834 &:= 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3 \\
 22835 &:= 0^8 + 1^9 - 2^7 + 3^0 + 4^6 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3 \\
 22836 &:= 0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3 \\
 22837 &:= 0^8 + 1^9 - 2^7 + 3^5 + 4^2 + 5^6 + 6^1 + 7^0 + 8^3 + 9^4 \\
 22838 &:= 0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3 \\
 22839 &:= 0^1 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3 \\
 22840 &:= -0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1 \\
 22841 &:= 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3 \\
 22842 &:= 0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1 \\
 22843 &:= 0^8 + 1^9 + 2^7 + 3^5 + 4^1 + 5^6 + 6^3 + 7^0 + 8^2 + 9^4 \\
 22844 &:= 0^5 - 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1 \\
 22845 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^3 + 7^2 + 8^1 + 9^0 \\
 22846 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1 \\
 22847 &:= 0^8 + 1^0 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3 \\
 22848 &:= 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3 \\
 22849 &:= 0^8 - 1^0 - 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2 \\
 22850 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2 \\
 22851 &:= 0^8 + 1^0 - 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2 \\
 22852 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2 \\
 22853 &:= 0^7 - 1^8 + 2^6 + 3^9 + 4^5 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3 \\
 22854 &:= 0^7 - 1^8 + 2^9 + 3^2 + 4^6 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1 \\
 22855 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3 \\
 22856 &:= 0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1 \\
 22857 &:= 0^5 - 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0 \\
 22858 &:= 0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4 \\
 22859 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0 \\
 22860 &:= 0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^3 + 6^0 + 7^2 + 8^1 + 9^4 \\
 22861 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^3 + 7^0 + 8^2 + 9^1 \\
 22862 &:= 0^7 - 1^9 + 2^5 + 3^8 + 4^4 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1 \\
 22863 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^4 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0 \\
 22864 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^4 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1 \\
 22865 &:= 0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^0 + 8^4 + 9^2 \\
 22866 &:= 0^2 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^1 + 9^3 \\
 22867 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3 \\
 22868 &:= 0^8 - 1^9 + 2^2 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1 \\
 22869 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^0 + 6^4 + 7^1 + 8^2 + 9^3 \\
 22870 &:= 0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1 \\
 22871 &:= 0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2 \\
 22872 &:= 0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2 \\
 22873 &:= 0^8 - 1^9 + 2^7 + 3^0 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1 \\
 22874 &:= 0^5 - 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2 \\
 22875 &:= 0^8 + 1^9 + 2^7 + 3^0 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1 \\
 22876 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2 \\
 22877 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2 \\
 22878 &:= 0^6 + 1^9 + 2^1 + 3^3 - 4^8 + 5^7 + 6^5 + 7^4 + 8^0 + 9^2 \\
 22879 &:= 0^7 + 1^9 - 2^2 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1 \\
 22880 &:= 0^4 - 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2 \\
 22881 &:= 0^7 - 1^9 + 2^2 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0 \\
 22882 &:= 0^4 + 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2 \\
 22883 &:= 0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0 \\
 22884 &:= 0^5 - 1^9 - 2^7 + 3^8 + 4^4 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1 \\
 22885 &:= 0^7 - 1^9 + 2^2 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1 \\
 22886 &:= 0^5 + 1^9 - 2^7 + 3^8 + 4^4 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1 \\
 22887 &:= 0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1 \\
 22888 &:= 0^8 + 1^9 - 2^6 - 3^5 + 4^7 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4 \\
 22889 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^4 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0 \\
 22890 &:= 0^7 - 1^9 + 2^5 + 3^8 + 4^4 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1 \\
 22891 &:= 0^8 - 1^9 - 2^3 - 3^7 + 4^6 + 5^0 + 6^1 + 7^5 + 8^4 + 9^2 \\
 22892 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^4 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1 \\
 22893 &:= 0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3 \\
 22894 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^4 + 7^1 + 8^0 + 9^3
 \end{aligned}$$

22895 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3$	22944 := $0^8 - 1^9 + 2^0 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$	22993 := $0^3 + 1^8 + 2^7 + 3^9 - 4^6 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
22896 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^1 + 6^0 + 7^5 + 8^4 + 9^3$	22945 := $0^6 + 1^9 - 2^8 + 3^7 + 4^3 + 5^0 + 6^2 + 7^5 + 8^4 + 9^1$	22994 := $0^7 + 1^9 + 2^8 - 3^6 + 4^3 + 5^2 + 6^0 + 7^5 + 8^1 + 9^4$
22897 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^0 + 6^1 + 7^5 + 8^4 + 9^3$	22946 := $0^8 + 1^9 + 2^0 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$	22995 := $0^7 - 1^9 + 2^8 + 3^1 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^0$
22898 := $-0^0 - 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$	22947 := $0^8 - 1^9 + 2^2 - 3^7 + 4^6 + 5^3 + 6^1 + 7^5 + 8^4 + 9^0$	22996 := $0^3 + 1^8 + 2^7 + 3^9 - 4^6 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
22899 := $0^7 - 1^9 + 2^1 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0$	22948 := $0^5 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3$	22997 := $0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^0$
22900 := $-0^0 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$	22949 := $0^6 - 1^8 + 2^9 + 3^2 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$	22998 := $0^8 - 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1$
22901 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0$	22950 := $0^5 + 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^1 + 7^2 + 8^4 + 9^3$	22999 := $0^6 - 1^9 - 2^8 + 3^7 + 4^1 + 5^3 + 6^2 + 7^5 + 8^4 + 9^0$
22902 := $0^7 - 1^8 + 2^9 + 3^6 + 4^1 + 5^2 + 6^0 + 7^5 + 8^4 + 9^3$	22951 := $0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$	23000 := $0^8 + 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1$
22903 := $0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^0$	22952 := $0^6 - 1^8 + 2^9 + 3^2 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1$	23001 := $0^7 - 1^9 + 2^8 + 3^0 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1$
22904 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^2 + 6^0 + 7^5 + 8^4 + 9^3$	22953 := $0^7 + 1^9 - 2^1 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$	23002 := $0^5 + 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$
22905 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^0$	22954 := $0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1$	23003 := $0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1$
22906 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^2 + 6^1 + 7^5 + 8^4 + 9^3$	22955 := $0^7 - 1^9 + 2^1 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$	23004 := $0^5 + 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^0 + 7^3 + 8^1 + 9^2$
22907 := $0^7 - 1^8 + 2^9 - 3^0 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$	22956 := $0^7 + 1^9 + 2^8 + 3^5 + 4^1 + 5^6 + 6^3 + 7^2 + 8^0 + 9^4$	23005 := $0^2 - 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$
22908 := $0^7 + 1^9 + 2^0 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$	22957 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$	23006 := $0^4 + 1^9 - 2^8 + 3^7 + 4^6 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$
22909 := $0^7 - 1^8 + 2^9 + 3^0 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$	22958 := $0^5 - 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1$	23007 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$
22910 := $0^6 - 1^9 + 2^8 + 3^2 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3$	22959 := $0^5 + 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0$	23008 := $-0^0 + 1^9 - 2^8 - 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1$
22911 := $0^7 + 1^8 + 2^9 + 3^0 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$	22960 := $0^5 + 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1$	23009 := $0^2 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$
22912 := $0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3$	22961 := $0^6 - 1^8 - 2^9 + 3^5 + 4^7 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$	23010 := $0^7 - 1^9 - 2^5 + 3^8 + 4^4 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$
22913 := $0^7 - 1^8 + 2^9 + 3^6 + 4^1 + 5^0 + 6^2 + 7^5 + 8^4 + 9^3$	22962 := $0^6 - 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$	23011 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$
22914 := $0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^5 + 6^0 + 7^4 + 8^1 + 9^3$	22963 := $0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$	23012 := $0^7 + 1^9 - 2^5 + 3^8 + 4^4 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$
22915 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^0 + 6^2 + 7^5 + 8^4 + 9^3$	22964 := $0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$	23013 := $0^8 + 1^9 - 2^3 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$
22916 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3$	22965 := $0^3 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$	23014 := $0^8 + 1^9 - 2^3 + 3^7 + 4^5 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2$
22917 := $0^5 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3$	22966 := $0^7 - 1^8 - 2^9 + 3^1 + 4^5 + 5^6 + 6^3 + 7^2 + 8^0 + 9^4$	23015 := $0^5 + 1^8 + 2^9 - 3^6 + 4^7 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$
22918 := $0^5 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3$	22967 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$	23016 := $0^8 + 1^9 + 2^6 - 3^5 + 4^7 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4$
22919 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3$	22968 := $0^3 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$	23017 := $0^5 + 1^8 + 2^9 - 3^6 + 4^7 + 5^0 + 6^3 + 7^1 + 8^2 + 9^4$
22920 := $0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^3 + 6^4 + 7^5 + 8^0 + 9^2$	22969 := $0^7 - 1^9 + 2^8 + 3^5 + 4^1 + 5^6 + 6^3 + 7^0 + 8^2 + 9^4$	23018 := $0^6 - 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$
22921 := $0^8 - 1^9 + 2^1 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$	22970 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$	23019 := $0^2 + 1^8 + 2^1 - 3^9 + 4^7 + 5^6 + 6^5 + 7^4 + 8^3 + 9^0$
22922 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^3 + 6^4 + 7^5 + 8^0 + 9^2$	22971 := $0^7 + 1^9 + 2^8 + 3^5 + 4^1 + 5^6 + 6^3 + 7^0 + 8^2 + 9^4$	23020 := $0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$
22923 := $0^8 + 1^9 + 2^1 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$	22972 := $0^8 + 1^9 + 2^7 + 3^5 + 4^0 + 5^6 + 6^1 + 7^3 + 8^2 + 9^4$	23021 := $0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3$
22924 := $0^8 + 1^9 + 2^7 + 3^5 + 4^2 + 5^6 + 6^1 + 7^3 + 8^0 + 9^4$	22973 := $0^6 - 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^0$	23022 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^2 + 6^4 + 7^1 + 8^0 + 9^3$
22925 := $0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2$	22974 := $0^7 + 1^9 + 2^8 + 3^5 + 4^0 + 5^6 + 6^3 + 7^1 + 8^2 + 9^4$	23023 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3$
22926 := $0^7 + 1^9 + 2^8 + 3^5 + 4^2 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4$	22975 := $0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^0$	23024 := $0^6 + 1^7 - 2^8 + 3^9 + 4^5 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$
22927 := $0^7 + 1^8 + 2^9 + 3^0 + 4^6 + 5^3 + 6^4 + 7^5 + 8^1 + 9^2$	22976 := $0^1 - 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$	23025 := $0^1 - 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0$
22928 := $0^8 - 1^9 + 2^0 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$	22977 := $0^7 - 1^9 - 2^5 + 3^8 + 4^4 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$	23026 := $0^7 + 1^9 - 2^8 + 3^3 + 4^5 + 5^6 + 6^2 + 7^1 + 8^0 + 9^4$
22929 := $0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3$	22978 := $0^1 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$	23027 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0$
22930 := $0^8 + 1^9 + 2^0 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$	22979 := $0^6 - 1^8 + 2^9 + 3^0 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$	23028 := $0^8 - 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2$
22931 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3$	22980 := $-0^0 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^2$	23029 := $0^8 + 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$
22932 := $0^7 + 1^8 - 2^9 + 3^2 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4$	22981 := $0^6 + 1^8 + 2^9 + 3^0 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$	23030 := $0^8 + 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2$
22933 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^0 + 6^4 + 7^1 + 8^2 + 9^3$	22982 := $0^3 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2$	23031 := $0^7 + 1^9 + 2^5 + 3^8 + 4^4 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0$
22934 := $0^6 - 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3$	22983 := $0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^1 + 6^4 + 7^5 + 8^3 + 9^0$	23032 := $-0^0 - 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$
22935 := $0^5 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^2 + 7^0 + 8^4 + 9^3$	22984 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2$	23033 := $0^7 + 1^9 + 2^5 + 3^8 + 4^4 + 5^6 + 6^2 + 7^0 + 8^3 + 9^1$
22936 := $0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3$	22985 := $0^5 + 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0$	23034 := $-0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$
22937 := $0^8 + 1^9 + 2^6 - 3^5 + 4^7 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$	22986 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^1 + 9^2$	23035 := $0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$
22938 := $0^5 + 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$	22987 := $0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1$	23036 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$
22939 := $0^3 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^4 + 8^1 + 9^0$	22988 := $0^5 + 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$	23037 := $0^8 - 1^9 + 2^2 - 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0$
22940 := $0^8 + 1^9 + 2^1 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$	22989 := $0^4 + 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^0 + 8^2 + 9^1$	23038 := $0^7 + 1^9 - 2^8 + 3^3 + 4^5 + 5^6 + 6^1 + 7^2 + 8^0 + 9^4$
22941 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^4 + 8^1 + 9^0$	22990 := $-0^0 + 1^6 + 2^9 - 3^8 + 4^7 + 5^1 + 6^5 + 7^2 + 8^4 + 9^3$	23039 := $0^8 + 1^9 + 2^2 - 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0$
22942 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^1$	22991 := $0^6 + 1^0 + 2^9 - 3^8 + 4^7 + 5^1 + 6^5 + 7^2 + 8^4 + 9^3$	23040 := $0^7 + 1^9 - 2^8 + 3^3 + 4^5 + 5^6 + 6^0 + 7^2 + 8^1 + 9^4$
22943 := $0^1 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^2 + 8^4 + 9^0$	22992 := $0^0 + 1^6 + 2^9 - 3^8 + 4^7 + 5^1 + 6^5 + 7^2 + 8^4 + 9^3$	23041 := $0^7 - 1^9 + 2^5 + 3^8 + 4^4 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$

23042 := $0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3$	23091 := $0^8 + 1^9 + 2^7 + 3^0 + 4^6 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3$	23140 := $0^5 - 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$
23043 := $0^7 + 1^9 + 2^5 + 3^8 + 4^4 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$	23092 := $0^8 - 1^9 + 2^7 + 3^5 + 4^2 + 5^6 + 6^0 + 7^1 + 8^3 + 9^4$	23141 := $0^4 + 1^9 - 2^8 + 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$
23044 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3$	23093 := $0^8 + 1^9 + 2^7 + 3^5 + 4^2 + 5^6 + 6^1 + 7^0 + 8^3 + 9^4$	23142 := $0^5 + 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$
23045 := $0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3$	23094 := $0^8 + 1^9 + 2^7 + 3^5 + 4^2 + 5^6 + 6^0 + 7^1 + 8^3 + 9^4$	23143 := $0^6 + 1^7 - 2^8 + 3^9 + 4^5 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1$
23046 := $0^7 + 1^9 + 2^5 + 3^8 + 4^4 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$	23095 := $0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$	23144 := $0^8 + 1^9 + 2^6 - 3^5 + 4^7 + 5^2 + 6^0 + 7^3 + 8^1 + 9^4$
23047 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3$	23096 := $0^7 - 1^9 + 2^8 + 3^5 + 4^1 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4$	23145 := $0^8 + 1^9 + 2^1 - 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$
23048 := $0^7 - 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^2 + 7^1 + 8^0 + 9^4$	23097 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$	23146 := $0^7 + 1^9 + 2^8 - 3^6 + 4^0 + 5^2 + 6^3 + 7^5 + 8^1 + 9^4$
23049 := $0^7 - 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^2 + 7^0 + 8^1 + 9^4$	23098 := $0^7 + 1^9 + 2^8 + 3^5 + 4^1 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4$	23147 := $0^8 - 1^0 - 2^9 - 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$
23050 := $0^7 + 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^2 + 7^1 + 8^0 + 9^4$	23099 := $0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$	23148 := $0^1 - 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3$
23051 := $0^7 + 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^2 + 7^0 + 8^1 + 9^4$	23100 := $0^7 + 1^9 + 2^8 + 3^5 + 4^0 + 5^6 + 6^1 + 7^3 + 8^2 + 9^4$	23149 := $0^6 - 1^8 - 2^7 + 3^9 + 4^5 + 5^3 + 6^2 + 7^4 + 8^1 + 9^0$
23052 := $0^7 + 1^9 + 2^8 + 3^5 + 4^2 + 5^6 + 6^1 + 7^3 + 8^0 + 9^4$	23101 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$	23150 := $0^1 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3$
23053 := $0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2$	23102 := $0^1 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2$	23151 := $0^6 + 1^8 - 2^7 + 3^9 + 4^5 + 5^3 + 6^2 + 7^4 + 8^1 + 9^0$
23054 := $0^7 + 1^9 + 2^8 + 3^5 + 4^2 + 5^6 + 6^0 + 7^3 + 8^1 + 9^4$	23103 := $0^6 + 1^7 - 2^8 + 3^9 + 4^5 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$	23152 := $0^6 + 1^8 - 2^7 + 3^9 + 4^5 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$
23055 := $0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2$	23104 := $0^6 + 1^7 - 2^8 + 3^9 + 4^5 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$	23153 := $0^8 + 1^9 - 2^2 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$
23056 := $0^7 - 1^8 - 2^9 + 3^2 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^4$	23105 := $0^5 - 1^7 - 2^9 + 3^8 + 4^3 + 5^6 + 6^4 + 7^1 + 8^2 + 9^0$	23154 := $0^8 + 1^9 - 2^7 + 3^3 + 4^5 + 5^6 + 6^2 + 7^1 + 8^0 + 9^4$
23057 := $0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3$	23106 := $-0^0 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$	23155 := $0^8 + 1^9 - 2^2 + 3^6 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$
23058 := $0^7 + 1^8 - 2^9 + 3^2 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^4$	23107 := $0^5 + 1^7 - 2^9 + 3^8 + 4^3 + 5^6 + 6^4 + 7^1 + 8^2 + 9^0$	23156 := $0^6 + 1^7 - 2^8 + 3^9 + 4^5 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$
23059 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3$	23108 := $0^0 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$	23157 := $0^1 + 1^9 - 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3$
23060 := $0^7 - 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^1 + 7^2 + 8^0 + 9^4$	23109 := $0^8 - 1^9 + 2^7 + 3^5 + 4^1 + 5^6 + 6^2 + 7^0 + 8^3 + 9^4$	23158 := $0^0 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$
23061 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^0 + 6^4 + 7^1 + 8^2 + 9^3$	23110 := $0^7 + 1^8 - 2^9 + 3^1 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4$	23159 := $0^8 - 1^9 + 2^2 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$
23062 := $0^7 + 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^1 + 7^2 + 8^0 + 9^4$	23111 := $0^8 + 1^9 + 2^7 + 3^5 + 4^1 + 5^6 + 6^2 + 7^0 + 8^3 + 9^4$	23160 := $-0^0 - 1^9 - 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3$
23063 := $0^6 - 1^8 - 2^9 + 3^5 + 4^7 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4$	23112 := $0^8 - 1^9 + 2^7 + 3^5 + 4^0 + 5^6 + 6^2 + 7^1 + 8^3 + 9^4$	23161 := $0^8 + 1^9 + 2^2 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$
23064 := $0^7 + 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^0 + 7^2 + 8^1 + 9^4$	23113 := $0^4 + 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0$	23162 := $-0^0 + 1^9 - 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3$
23065 := $0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4$	23114 := $0^8 + 1^9 + 2^7 + 3^5 + 4^0 + 5^6 + 6^2 + 7^1 + 8^3 + 9^4$	23163 := $0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$
23066 := $0^0 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$	23115 := $0^5 + 1^9 - 2^7 + 3^8 + 4^4 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$	23164 := $0^8 - 1^9 + 2^2 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1$
23067 := $0^1 + 1^8 - 2^9 - 3^7 + 4^6 + 5^0 + 6^2 + 7^5 + 8^4 + 9^3$	23116 := $0^4 + 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$	23165 := $0^6 + 1^8 - 2^9 + 3^3 + 4^7 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$
23068 := $0^7 - 1^9 + 2^8 + 3^5 + 4^1 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4$	23117 := $0^5 + 1^8 + 2^9 - 3^6 + 4^7 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4$	23166 := $0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1$
23069 := $0^8 - 1^0 - 2^9 - 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^4 + 9^3$	23118 := $0^2 - 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3$	23167 := $0^6 + 1^8 - 2^9 + 3^3 + 4^7 + 5^5 + 6^2 + 7^0 + 8^4 + 9^1$
23070 := $0^7 + 1^9 + 2^8 + 3^5 + 4^1 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4$	23119 := $0^2 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$	23168 := $0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3$
23071 := $0^6 - 1^9 - 2^8 + 3^7 + 4^2 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0$	23120 := $0^2 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$	23169 := $0^5 - 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$
23072 := $0^8 + 1^9 + 2^7 + 3^2 + 4^6 + 5^1 + 6^4 + 7^5 + 8^0 + 9^3$	23121 := $0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$	23170 := $0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^5 + 6^0 + 7^4 + 8^1 + 9^3$
23073 := $0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$	23122 := $0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$	23171 := $0^5 + 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$
23074 := $0^7 + 1^9 + 2^8 + 3^5 + 4^0 + 5^6 + 6^2 + 7^3 + 8^1 + 9^4$	23123 := $0^8 - 1^9 + 2^7 + 3^1 + 4^6 + 5^0 + 6^4 + 7^5 + 8^2 + 9^3$	23172 := $0^5 + 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$
23075 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$	23124 := $0^8 + 1^9 + 2^7 + 3^5 + 4^1 + 5^6 + 6^0 + 7^2 + 8^3 + 9^4$	23173 := $0^5 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3$
23076 := $0^7 + 1^9 + 2^5 + 3^8 + 4^4 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$	23125 := $0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^0 + 6^4 + 7^5 + 8^2 + 9^3$	23174 := $0^5 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3$
23077 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^0 + 8^4 + 9^1$	23126 := $0^8 + 1^9 + 2^7 + 3^5 + 4^0 + 5^6 + 6^1 + 7^2 + 8^3 + 9^4$	23175 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$
23078 := $0^7 + 1^8 + 2^9 + 3^5 + 4^3 + 5^6 + 6^0 + 7^1 + 8^2 + 9^4$	23127 := $0^5 + 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0$	23176 := $0^1 - 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$
23079 := $0^6 - 1^9 - 2^8 + 3^7 + 4^1 + 5^2 + 6^3 + 7^5 + 8^4 + 9^0$	23128 := $0^4 - 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$	23177 := $0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$
23080 := $0^7 - 1^8 - 2^9 + 3^1 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4$	23129 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^2$	23178 := $0^1 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$
23081 := $0^1 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$	23130 := $0^4 + 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$	23179 := $0^4 + 1^8 - 2^9 + 3^7 + 4^6 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2$
23082 := $0^7 + 1^8 - 2^9 + 3^1 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4$	23131 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^1 + 8^4 + 9^2$	23180 := $0^7 - 1^8 + 2^9 + 3^5 + 4^2 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4$
23083 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$	23132 := $0^4 + 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^3 + 8^1 + 9^2$	23181 := $0^7 - 1^8 + 2^9 + 3^5 + 4^2 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4$
23084 := $0^8 - 1^9 + 2^7 + 3^1 + 4^6 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$	23133 := $0^4 + 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^3 + 9^0$	23182 := $0^7 + 1^8 + 2^9 + 3^5 + 4^2 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4$
23085 := $0^9 - 1^0 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$	23134 := $0^7 + 1^9 + 2^8 - 3^6 + 4^2 + 5^1 + 6^3 + 7^5 + 8^0 + 9^4$	23183 := $0^7 + 1^8 + 2^9 + 3^5 + 4^2 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4$
23086 := $0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$	23135 := $0^2 - 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3$	23184 := $-0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
23087 := $0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$	23136 := $0^4 - 1^9 - 2^8 + 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$	23185 := $0^9 + 1^0 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
23088 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$	23137 := $0^5 - 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$	23186 := $0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
23089 := $0^8 - 1^9 + 2^7 + 3^0 + 4^6 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3$	23138 := $0^4 + 1^9 - 2^8 + 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$	23187 := $0^1 + 1^8 - 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^0 + 8^4 + 9^3$
23090 := $0^6 + 1^8 - 2^9 + 3^5 + 4^7 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$	23139 := $0^5 + 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$	23188 := $0^7 + 1^9 - 2^8 + 3^2 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4$

23189 := 0 ⁵ - 1 ⁸ + 2 ⁹ + 3 ⁷ + 4 ¹ + 5 ⁶ + 6 ² + 7 ⁰ + 8 ⁴ + 9 ³	23238 := 0 ⁸ + 1 ⁹ + 2 ⁰ + 3 ⁷ + 4 ⁵ + 5 ⁶ + 6 ³ + 7 ¹ + 8 ⁴ + 9 ²	23287 := 0 ⁷ + 1 ⁹ + 2 ¹ + 3 ⁸ + 4 ⁶ + 5 ² + 6 ⁵ + 7 ⁰ + 8 ⁴ + 9 ³
23190 := 0 ⁶ - 1 ⁸ + 2 ⁹ + 3 ¹ + 4 ⁷ + 5 ⁵ + 6 ² + 7 ⁴ + 8 ⁰ + 9 ³	23239 := 0 ⁷ + 1 ⁸ + 2 ⁹ + 3 ² + 4 ⁶ + 5 ¹ + 6 ⁴ + 7 ⁵ + 8 ³ + 9 ⁰	23288 := 0 ⁸ - 1 ⁹ + 2 ² + 3 ⁷ + 4 ⁵ + 5 ⁶ + 6 ⁰ + 7 ³ + 8 ⁴ + 9 ¹
23191 := 0 ⁵ + 1 ⁸ + 2 ⁹ + 3 ⁷ + 4 ¹ + 5 ⁶ + 6 ² + 7 ⁰ + 8 ⁴ + 9 ³	23240 := 0 ³ + 1 ⁸ + 2 ⁹ + 3 ⁶ + 4 ⁷ + 5 ⁵ + 6 ¹ + 7 ⁴ + 8 ⁰ + 9 ²	23289 := 0 ⁷ + 1 ⁸ - 2 ⁶ + 3 ⁹ + 4 ⁴ + 5 ⁵ + 6 ³ + 7 ¹ + 8 ² + 9 ⁰
23192 := 0 ⁶ + 1 ⁸ + 2 ⁹ + 3 ¹ + 4 ⁷ + 5 ⁵ + 6 ² + 7 ⁴ + 8 ⁰ + 9 ³	23241 := 0 ⁵ - 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁴ + 5 ⁶ + 6 ³ + 7 ¹ + 8 ² + 9 ⁰	23290 := 0 ⁸ + 1 ⁹ + 2 ² + 3 ⁷ + 4 ⁵ + 5 ⁶ + 6 ⁰ + 7 ³ + 8 ⁴ + 9 ¹
23193 := 0 ⁸ + 1 ⁰ - 2 ⁹ + 3 ⁷ + 4 ⁵ + 5 ⁶ + 6 ² + 7 ¹ + 8 ⁴ + 9 ³	23242 := 0 ³ + 1 ⁸ + 2 ⁹ + 3 ⁶ + 4 ⁷ + 5 ⁵ + 6 ⁰ + 7 ⁴ + 8 ¹ + 9 ²	23291 := 0 ⁷ + 1 ⁸ - 2 ⁶ + 3 ⁹ + 4 ⁴ + 5 ⁵ + 6 ³ + 7 ⁰ + 8 ² + 9 ¹
23194 := 0 ¹ + 1 ⁹ + 2 ⁸ + 3 ⁶ + 4 ⁷ + 5 ⁵ + 6 ³ + 7 ⁴ + 8 ⁰ + 9 ²	23243 := 0 ⁵ + 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁴ + 5 ⁶ + 6 ³ + 7 ¹ + 8 ² + 9 ⁰	23292 := 0 ⁷ + 1 ⁹ + 2 ⁰ + 3 ⁸ + 4 ⁶ + 5 ² + 6 ⁵ + 7 ¹ + 8 ⁴ + 9 ³
23195 := 0 ³ - 1 ⁸ + 2 ⁹ + 3 ⁶ + 4 ⁷ + 5 ⁵ + 6 ² + 7 ⁴ + 8 ¹ + 9 ⁰	23244 := 0 ⁶ + 1 ⁸ - 2 ⁹ + 3 ⁵ + 4 ⁷ + 5 ¹ + 6 ⁰ + 7 ² + 8 ³ + 9 ⁴	23293 := 0 ⁷ - 1 ⁸ - 2 ⁶ + 3 ⁹ + 4 ⁵ + 5 ² + 6 ³ + 7 ⁴ + 8 ¹ + 9 ⁰
23196 := 0 ³ - 1 ⁸ + 2 ⁹ + 3 ⁶ + 4 ⁷ + 5 ⁵ + 6 ² + 7 ⁴ + 8 ⁰ + 9 ¹	23245 := 0 ³ + 1 ⁹ + 2 ⁸ + 3 ⁷ + 4 ⁵ + 5 ⁶ + 6 ¹ + 7 ² + 8 ⁴ + 9 ⁰	23294 := 0 ³ + 1 ⁸ - 2 ⁹ + 3 ⁷ + 4 ⁶ + 5 ⁴ + 6 ⁰ + 7 ⁵ + 8 ¹ + 9 ²
23197 := 0 ³ + 1 ⁸ + 2 ⁹ + 3 ⁶ + 4 ⁷ + 5 ⁵ + 6 ² + 7 ⁴ + 8 ¹ + 9 ⁰	23246 := 0 ³ - 1 ⁹ + 2 ⁸ + 3 ⁷ + 4 ⁵ + 5 ⁶ + 6 ⁰ + 7 ² + 8 ⁴ + 9 ¹	23295 := 0 ⁷ + 1 ⁸ - 2 ⁶ + 3 ⁹ + 4 ⁵ + 5 ² + 6 ³ + 7 ⁴ + 8 ¹ + 9 ⁰
23198 := 0 ³ + 1 ⁸ + 2 ⁹ + 3 ⁶ + 4 ⁷ + 5 ⁵ + 6 ² + 7 ⁴ + 8 ⁰ + 9 ¹	23247 := 0 ¹ - 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁶ + 5 ³ + 6 ⁵ + 7 ⁰ + 8 ⁴ + 9 ²	23296 := 0 ⁷ + 1 ⁸ - 2 ⁶ + 3 ⁹ + 4 ⁵ + 5 ² + 6 ³ + 7 ⁴ + 8 ⁰ + 9 ¹
23199 := 0 ⁸ - 1 ⁹ + 2 ¹ + 3 ⁷ + 4 ⁵ + 5 ⁶ + 6 ³ + 7 ² + 8 ⁴ + 9 ⁰	23248 := 0 ³ + 1 ⁹ + 2 ⁸ + 3 ⁷ + 4 ⁵ + 5 ⁶ + 6 ⁰ + 7 ² + 8 ⁴ + 9 ¹	23297 := 0 ⁴ - 1 ⁷ - 2 ⁹ + 3 ⁸ + 4 ⁵ + 5 ⁶ + 6 ¹ + 7 ⁰ + 8 ³ + 9 ²
23200 := 0 ⁷ + 1 ⁹ + 2 ⁸ + 3 ² + 4 ⁶ + 5 ¹ + 6 ⁴ + 7 ⁵ + 8 ⁰ + 9 ³	23249 := 0 ¹ + 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁶ + 5 ³ + 6 ⁵ + 7 ⁰ + 8 ⁴ + 9 ²	23298 := 0 ⁴

23336 := $0^6 - 1^8 - 2^9 + 3^7 + 4^1 + 5^2 + 6^0 + 7^5 + 8^4 + 9^3$	23385 := $0^6 + 1^8 + 2^9 - 3^5 + 4^7 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$	23434 := $0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^5 + 6^3 + 7^1 + 8^0 + 9^2$
23337 := $0^5 - 1^7 - 2^9 + 3^8 + 4^2 + 5^6 + 6^4 + 7^3 + 8^1 + 9^0$	23386 := $0^5 + 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$	23435 := $0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$
23338 := $0^6 + 1^8 - 2^9 + 3^7 + 4^1 + 5^2 + 6^0 + 7^5 + 8^4 + 9^3$	23387 := $0^4 - 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$	23436 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$
23339 := $0^5 + 1^7 - 2^9 + 3^8 + 4^2 + 5^6 + 6^4 + 7^3 + 8^1 + 9^0$	23388 := $0^5 + 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^0 + 7^3 + 8^1 + 9^2$	23437 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$
23340 := $0^4 + 1^8 - 2^9 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^3$	23389 := $0^2 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$	23438 := $0^8 + 1^9 + 2^7 + 3^3 + 4^5 + 5^6 + 6^0 + 7^1 + 8^2 + 9^4$
23341 := $0^5 - 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0$	23390 := $0^7 + 1^8 - 2^6 + 3^9 + 4^4 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$	23439 := $0^8 - 1^0 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
23342 := $0^5 - 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1$	23391 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$	23440 := $0^8 + 1^9 + 2^0 + 3^6 + 4^7 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3$
23343 := $0^5 + 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0$	23392 := $-0^0 + 1^9 - 2^8 - 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^4 + 9^3$	23441 := $0^8 + 1^0 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
23344 := $0^5 + 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1$	23393 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3$	23442 := $0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$
23345 := $0^5 + 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^2 + 7^0 + 8^1 + 9^3$	23394 := $0^8 - 1^9 - 2^6 + 3^5 + 4^7 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4$	23443 := $0^6 + 1^9 + 2^8 + 3^7 + 4^3 + 5^2 + 6^1 + 7^5 + 8^4 + 9^0$
23346 := $0^5 + 1^8 - 2^9 + 3^6 + 4^7 + 5^3 + 6^0 + 7^2 + 8^1 + 9^4$	23395 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$	23444 := $0^6 - 1^9 + 2^8 + 3^7 + 4^3 + 5^2 + 6^0 + 7^5 + 8^4 + 9^1$
23347 := $0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^4 + 6^3 + 7^1 + 8^2 + 9^0$	23396 := $0^8 + 1^9 - 2^6 + 3^5 + 4^7 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4$	23445 := $0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^0$
23348 := $0^7 + 1^8 - 2^6 + 3^9 + 4^5 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$	23397 := $0^8 + 1^9 + 2^4 + 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^2 + 9^1$	23446 := $0^6 + 1^9 + 2^8 + 3^7 + 4^3 + 5^2 + 6^0 + 7^5 + 8^4 + 9^1$
23349 := $0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^4 + 6^3 + 7^0 + 8^2 + 9^1$	23398 := $0^5 - 1^7 - 2^9 + 3^8 + 4^1 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$	23447 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$
23350 := $0^4 + 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^0 + 9^3$	23399 := $0^8 - 1^9 + 2^6 + 3^7 + 4^1 + 5^2 + 6^3 + 7^5 + 8^4 + 9^0$	23448 := $0^1 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$
23351 := $0^6 + 1^8 - 2^7 + 3^9 + 4^4 + 5^5 + 6^1 + 7^3 + 8^2 + 9^0$	23400 := $0^5 + 1^7 - 2^9 + 3^8 + 4^1 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$	23449 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$
23352 := $0^7 - 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4$	23401 := $0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^2 + 6^3 + 7^5 + 8^4 + 9^0$	23450 := $0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$
23353 := $0^4 + 1^8 - 2^9 + 3^7 + 4^6 + 5^0 + 6^2 + 7^5 + 8^1 + 9^3$	23402 := $0^7 - 1^8 + 2^6 + 3^9 + 4^4 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$	23451 := $0^6 - 1^9 + 2^8 + 3^7 + 4^3 + 5^1 + 6^2 + 7^5 + 8^4 + 9^0$
23354 := $0^7 + 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4$	23403 := $0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$	23452 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^3 + 6^0 + 7^4 + 8^1 + 9^2$
23355 := $0^8 - 1^9 + 2^4 + 3^7 + 4^6 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0$	23404 := $0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$	23453 := $0^6 + 1^9 + 2^8 + 3^7 + 4^3 + 5^1 + 6^2 + 7^5 + 8^4 + 9^0$
23356 := $0^5 + 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^1 + 7^2 + 8^0 + 9^3$	23405 := $0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^3 + 6^2 + 7^4 + 8^1 + 9^0$	23454 := $0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$
23357 := $0^8 + 1^9 + 2^4 + 3^7 + 4^6 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0$	23406 := $0^8 + 1^9 + 2^6 + 3^7 + 4^0 + 5^2 + 6^3 + 7^5 + 8^4 + 9^1$	23455 := $0^1 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^2 + 8^4 + 9^0$
23358 := $0^5 + 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^0 + 7^2 + 8^1 + 9^3$	23407 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^3 + 6^2 + 7^4 + 8^1 + 9^0$	23456 := $0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^1 + 6^4 + 7^5 + 8^0 + 9^3$
23359 := $0^5 + 1^8 - 2^9 + 3^6 + 4^7 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$	23408 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$	23457 := $0^6 + 1^9 + 2^8 + 3^7 + 4^3 + 5^0 + 6^2 + 7^5 + 8^4 + 9^1$
23360 := $0^8 + 1^9 + 2^1 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2$	23409 := $0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0$	23458 := $0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$
23361 := $0^8 + 1^9 - 2^4 + 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0$	23410 := $0^8 + 1^9 + 2^4 + 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$	23459 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$
23362 := $0^8 - 1^9 + 2^0 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$	23411 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0$	23460 := $-0^0 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$
23363 := $0^6 + 1^7 - 2^9 + 3^8 + 4^4 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0$	23412 := $0^8 - 1^9 + 2^0 + 3^6 + 4^7 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$	23461 := $0^7 - 1^8 + 2^6 + 3^9 + 4^5 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1$
23364 := $0^8 + 1^9 + 2^0 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$	23413 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3$	23462 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$
23365 := $0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2$	23414 := $0^8 + 1^9 + 2^0 + 3^6 + 4^7 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$	23463 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1$
23366 := $0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^3 + 6^0 + 7^5 + 8^4 + 9^2$	23415 := $0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$	23464 := $0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$
23367 := $0^5 - 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0$	23416 := $0^2 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1$	23465 := $0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$
23368 := $0^8 + 1^9 + 2^6 + 3^7 + 4^0 + 5^3 + 6^1 + 7^5 + 8^4 + 9^2$	23417 := $0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$	23466 := $0^6 - 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$
23369 := $0^5 + 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0$	23418 := $0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1$	23467 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$
23370 := $0^5 - 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$	23419 := $0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$	23468 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$
23371 := $0^5 + 1^9 + 2^7 + 3^8 + 4^4 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$	23420 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$	23469 := $0^7 - 1^0 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$
23372 := $0^5 + 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1$	23421 := $0^7 - 1^8 + 2^6 + 3^9 + 4^5 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$	23470 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$
23373 := $0^4 + 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^0 + 8^2 + 9^1$	23422 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4$	23471 := $0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$
23374 := $0^8 + 1^9 - 2^2 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^1 + 9^3$	23423 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$	23472 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$
23375 := $0^2 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$	23424 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$	23473 := $0^7 - 1^8 + 2^9 + 3^0 + 4^6 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3$
23376 := $0^2 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$	23425 := $0^7 + 1^0 - 2^9 - 3^8 + 4^2 + 5^6 + 6^5 + 7^1 + 8^3 + 9^4$	23474 := $0^7 - 1^8 + 2^6 + 3^9 + 4^5 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$
23377 := $0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$	23426 := $0^0 + 1^7 - 2^9 - 3^8 + 4^2 + 5^6 + 6^5 + 7^1 + 8^3 + 9^4$	23475 := $0^7 + 1^8 + 2^9 + 3^0 + 4^6 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3$
23378 := $0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$	23427 := $0^2 - 1^8 - 2^9 + 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^0$	23476 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$
23379 := $0^4 + 1^8 - 2^9 + 3^7 + 4^6 + 5^0 + 6^1 + 7^5 + 8^2 + 9^3$	23428 := $0^2 - 1^8 - 2^9 + 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^0 + 9^1$	23477 := $0^7 + 1^8 + 2^9 + 3^5 + 4^2 + 5^6 + 6^1 + 7^0 + 8^3 + 9^4$
23380 := $0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3$	23429 := $0^2 + 1^8 - 2^9 + 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^0$	23478 := $0^7 + 1^8 + 2^9 + 3^5 + 4^2 + 5^6 + 6^0 + 7^1 + 8^3 + 9^4$
23381 := $0^7 + 1^9 - 2^8 + 3^4 + 4^3 + 5^6 + 6^5 + 7^0 + 8^1 + 9^2$	23430 := $0^2 + 1^8 - 2^9 + 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^0 + 9^1$	23479 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2$
23382 := $0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^1 + 9^3$	23431 := $0^1 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$	23480 := $0^7 - 1^9 + 2^3 - 3^8 + 4^0 + 5^6 + 6^5 + 7^1 + 8^2 + 9^4$
23383 := $0^5 + 1^7 - 2^9 + 3^8 + 4^1 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$	23432 := $0^7 - 1^8 + 2^6 + 3^9 + 4^4 + 5^5 + 6^3 + 7^1 + 8^0 + 9^2$	23481 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$
23384 := $0^5 - 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$	23433 := $0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$	23482 := $0^4 - 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^2 + 8^0 + 9^3$

23483 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^3 + 7^0 + 8^2 + 9^1$	23532 := $0^7 + 1^9 + 2^4 + 3^8 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$	23581 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$
23484 := $0^4 + 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^2 + 8^0 + 9^3$	23533 := $0^3 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$	23582 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$
23485 := $0^1 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2$	23534 := $0^3 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2$	23583 := $0^6 - 1^9 + 2^8 + 3^7 + 4^2 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0$
23486 := $0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$	23535 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^2 + 7^4 + 8^1 + 9^0$	23584 := $0^7 + 1^9 - 2^4 + 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1$
23487 := $0^1 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2$	23536 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$	23585 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0$
23488 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$	23537 := $0^2 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0$	23586 := $0^6 + 1^9 - 2^8 + 3^7 + 4^2 + 5^1 + 6^0 + 7^5 + 8^4 + 9^3$
23489 := $0^3 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^0$	23538 := $0^7 + 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^2 + 7^1 + 8^0 + 9^4$	23587 := $0^6 - 1^9 + 2^8 + 3^7 + 4^2 + 5^0 + 6^3 + 7^5 + 8^4 + 9^1$
23490 := $0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$	23539 := $0^2 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0$	23588 := $0^5 + 1^9 - 2^8 + 3^6 + 4^7 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4$
23491 := $0^3 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^0 + 8^4 + 9^1$	23540 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$	23589 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^0 + 6^3 + 7^5 + 8^4 + 9^1$
23492 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^2$	23541 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^0 + 6^3 + 7^1 + 8^2 + 9^4$	23590 := $0^6 - 1^7 - 2^9 + 3^8 + 4^3 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1$
23493 := $0^9 + 1^0 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^2$	23542 := $0^2 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^4 + 9^1$	23591 := $0^6 - 1^9 + 2^8 + 3^7 + 4^1 + 5^2 + 6^3 + 7^5 + 8^4 + 9^0$
23494 := $0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^2$	23543 := $0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^1 + 7^5 + 8^2 + 9^0$	23592 := $0^6 + 1^7 - 2^9 + 3^8 + 4^3 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1$
23495 := $0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^3 + 6^1 + 7^5 + 8^4 + 9^0$	23544 := $0^4 - 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1$	23593 := $0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^2 + 6^3 + 7^5 + 8^4 + 9^0$
23496 := $0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2$	23545 := $0^2 - 1^8 + 2^9 - 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0$	23594 := $0^6 - 1^7 + 2^8 + 3^9 + 4^4 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$
23497 := $0^6 - 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$	23546 := $0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1$	23595 := $0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$
23498 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^3 + 7^1 + 8^0 + 9^2$	23547 := $0^2 + 1^8 + 2^9 - 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0$	23596 := $0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$
23499 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$	23548 := $0^7 - 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^1 + 7^2 + 8^0 + 9^4$	23597 := $0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0$
23500 := $0^7 - 1^9 + 2^4 + 3^8 + 4^5 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1$	23549 := $0^5 - 1^8 - 2^9 + 3^6 + 4^7 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4$	23598 := $0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^3 + 7^5 + 8^0 + 9^1$
23501 := $0^3 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^2 + 8^4 + 9^0$	23550 := $0^7 + 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^1 + 7^2 + 8^0 + 9^4$	23599 := $0^7 + 1^8 - 2^6 + 3^9 + 4^5 + 5^1 + 6^2 + 7^4 + 8^3 + 9^0$
23502 := $0^7 + 1^9 + 2^4 + 3^8 + 4^5 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1$	23551 := $0^5 + 1^8 - 2^9 + 3^6 + 4^7 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4$	23600 := $0^5 + 1^9 - 2^8 + 3^6 + 4^7 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4$
23503 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^2 + 6^3 + 7^0 + 8^1 + 9^4$	23552 := $0^7 + 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^0 + 7^2 + 8^1 + 9^4$	23601 := $0^7 + 1^8 - 2^6 + 3^9 + 4^4 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2$
23504 := $0^3 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1$	23553 := $0^5 - 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$	23602 := $0^5 + 1^9 - 2^8 + 3^6 + 4^7 + 5^3 + 6^0 + 7^2 + 8^1 + 9^4$
23505 := $0^3 + 1^9 - 2^8 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^1 + 9^0$	23554 := $0^5 - 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$	23603 := $0^7 + 1^8 - 2^6 + 3^9 + 4^5 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$
23506 := $0^7 - 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^0 + 7^2 + 8^3 + 9^4$	23555 := $0^5 + 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$	23604 := $0^7 + 1^9 - 2^5 + 3^8 + 4^3 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$
23507 := $0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^0 + 6^4 + 7^5 + 8^2 + 9^3$	23556 := $0^5 + 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$	23605 := $0^6 - 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^1 + 7^3 + 8^2 + 9^0$
23508 := $0^7 + 1^8 + 2^9 + 3^5 + 4^1 + 5^6 + 6^0 + 7^2 + 8^3 + 9^4$	23557 := $0^7 + 1^8 - 2^6 + 3^9 + 4^4 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$	23606 := $0^8 - 1^9 + 2^7 + 3^1 + 4^5 + 5^6 + 6^3 + 7^2 + 8^0 + 9^4$
23509 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^0 + 6^4 + 7^5 + 8^2 + 9^3$	23558 := $0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^3 + 6^0 + 7^5 + 8^4 + 9^2$	23607 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^1 + 7^3 + 8^2 + 9^0$
23510 := $0^7 + 1^8 + 2^9 + 3^5 + 4^0 + 5^6 + 6^1 + 7^2 + 8^3 + 9^4$	23559 := $0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^1 + 7^4 + 8^2 + 9^0$	23608 := $0^8 + 1^9 + 2^7 + 3^1 + 4^5 + 5^6 + 6^3 + 7^2 + 8^0 + 9^4$
23511 := $0^5 + 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0$	23560 := $0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$	23609 := $0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$
23512 := $0^4 - 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$	23561 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^1 + 7^4 + 8^2 + 9^0$	23610 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1$
23513 := $0^5 + 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^2 + 7^0 + 8^3 + 9^1$	23562 := $0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^0 + 7^5 + 8^1 + 9^2$	23611 := $0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^5 + 6^3 + 7^0 + 8^2 + 9^1$
23514 := $0^4 + 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$	23563 := $0^7 - 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^1 + 7^0 + 8^2 + 9^4$	23612 := $0^1 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2$
23515 := $0^7 + 1^9 + 2^4 + 3^8 + 4^5 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$	23564 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$	23613 := $0^4 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^2 + 8^1 + 9^0$
23516 := $0^4 - 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$	23565 := $0^7 + 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^1 + 7^0 + 8^2 + 9^4$	23614 := $0^1 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2$
23517 := $0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^2 + 7^5 + 8^1 + 9^0$	23566 := $0^7 + 1^9 + 2^8 + 3^3 + 4^5 + 5^6 + 6^0 + 7^1 + 8^2 + 9^4$	23615 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$
23518 := $0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$	23567 := $0^1 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^0$	23616 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$
23519 := $0^7 + 1^9 - 2^8 + 3^3 + 4^4 + 5^6 + 6^5 + 7^0 + 8^1 + 9^2$	23568 := $0^8 - 1^9 + 2^1 - 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^4 + 9^3$	23617 := $0^9 - 1^0 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$
23520 := $0^7 + 1^9 - 2^8 + 3^1 + 4^5 + 5^6 + 6^0 + 7^2 + 8^3 + 9^4$	23569 := $0^1 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^0$	23618 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$
23521 := $0^5 - 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$	23570 := $0^8 - 1^9 + 2^7 + 3^2 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4$	23619 := $0^9 + 1^0 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$
23522 := $0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4$	23571 := $0^8 - 1^9 + 2^7 + 3^2 + 4^5 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4$	23620 := $0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$
23523 := $0^5 + 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0$	23572 := $0^8 + 1^9 + 2^7 + 3^2 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4$	23621 := $0^8 - 1^9 + 2^7 + 3^1 + 4^5 + 5^6 + 6^3 + 7^0 + 8^2 + 9^4$
23524 := $0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4$	23573 := $0^8 + 1^9 + 2^7 + 3^2 + 4^5 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4$	23622 := $0^6 - 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^1 + 7^3 + 8^0 + 9^2$
23525 := $0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1$	23574 := $-0^0 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$	23623 := $0^8 + 1^9 + 2^7 + 3^1 + 4^5 + 5^6 + 6^3 + 7^0 + 8^2 + 9^4$
23526 := $0^5 + 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1$	23575 := $0^9 - 1^0 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$	23624 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^1 + 7^3 + 8^0 + 9^2$
23527 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1$	23576 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$	23625 := $0^4 - 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$
23528 := $0^6 + 1^8 - 2^7 + 3^9 + 4^5 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1$	23577 := $0^9 + 1^0 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$	23626 := $0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^5 + 6^3 + 7^1 + 8^0 + 9^2$
23529 := $0^3 - 1^9 - 2^8 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^2 + 9^0$	23578 := $0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$	23627 := $0^4 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$
23530 := $0^7 - 1^9 + 2^4 + 3^8 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$	23579 := $0^6 - 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$	23628 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^3 + 6^0 + 7^2 + 8^1 + 9^4$
23531 := $0^3 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$	23580 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^0 + 7^4 + 8^1 + 9^2$	23629 := $0^4 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^0 + 8^2 + 9^1$

$$\begin{aligned}
 23630 &:= 0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^2 + 6^0 + 7^3 + 8^1 + 9^4 \\
 23631 &:= 0^4 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0 \\
 23632 &:= 0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3 \\
 23633 &:= 0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0 \\
 23634 &:= 0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^1 + 9^3 \\
 23635 &:= 0^4 - 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^2 + 9^1 \\
 23636 &:= 0^7 - 1^9 + 2^5 + 3^8 + 4^3 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1 \\
 23637 &:= 0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^2 + 9^1 \\
 23638 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^3 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1 \\
 23639 &:= 0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4 \\
 23640 &:= 0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4 \\
 23641 &:= 0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4 \\
 23642 &:= 0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4 \\
 23643 &:= 0^4 - 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2 \\
 23644 &:= 0^4 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2 \\
 23645 &:= 0^4 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2 \\
 23646 &:= 0^8 + 1^9 - 2^7 + 3^3 + 4^4 + 5^6 + 6^5 + 7^1 + 8^0 + 9^2 \\
 23647 &:= 0^6 - 1^9 + 2^8 + 3^7 + 4^1 + 5^0 + 6^3 + 7^5 + 8^4 + 9^2 \\
 23648 &:= 0^4 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2 \\
 23649 &:= 0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^0 + 6^3 + 7^5 + 8^4 + 9^2 \\
 23650 &:= 0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2 \\
 23651 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0 \\
 23652 &:= 0^8 - 1^9 + 2^4 + 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^3 + 9^1 \\
 23653 &:= 0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2 \\
 23654 &:= 0^8 + 1^9 + 2^4 + 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^3 + 9^1 \\
 23655 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1 \\
 23656 &:= 0^7 - 1^9 + 2^4 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2 \\
 23657 &:= 0^6 + 1^7 - 2^9 + 3^8 + 4^4 + 5^2 + 6^1 + 7^5 + 8^3 + 9^0 \\
 23658 &:= 0^7 + 1^9 + 2^4 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2 \\
 23659 &:= 0^8 - 1^9 + 2^4 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^3 + 9^0 \\
 23660 &:= 0^7 + 1^9 + 2^4 + 3^8 + 4^5 + 5^6 + 6^0 + 7^3 + 8^1 + 9^2 \\
 23661 &:= 0^8 + 1^9 + 2^4 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^3 + 9^0 \\
 23662 &:= 0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3 \\
 23663 &:= 0^8 - 1^9 + 2^4 + 3^7 + 4^6 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1 \\
 23664 &:= 0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4 \\
 23665 &:= 0^8 + 1^9 + 2^4 + 3^7 + 4^6 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1 \\
 23666 &:= 0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4 \\
 23667 &:= 0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4 \\
 23668 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2 \\
 23669 &:= 0^2 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0 \\
 23670 &:= 0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3 \\
 23671 &:= 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0 \\
 23672 &:= 0^2 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1 \\
 23673 &:= 0^8 + 1^9 + 2^2 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3 \\
 23674 &:= 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1 \\
 23675 &:= 0^7 + 1^8 - 2^9 + 3^2 + 4^4 + 5^6 + 6^5 + 7^1 + 8^3 + 9^0 \\
 23676 &:= 0^0 + 1^6 + 2^8 + 3^3 - 4^9 + 5^5 + 6^7 + 7^4 + 8^2 + 9^1 \\
 23677 &:= 0^7 + 1^8 - 2^9 + 3^2 + 4^4 + 5^6 + 6^5 + 7^0 + 8^3 + 9^1 \\
 23678 &:= 0^8 - 1^9 + 2^7 - 3^2 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^4 \\
 23679 &:= 0^8 + 1^9 - 2^6 + 3^5 + 4^7 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4 \\
 23680 &:= 0^7 - 1^8 - 2^9 + 3^6 + 4^3 + 5^2 + 6^1 + 7^5 + 8^0 + 9^4 \\
 23681 &:= 0^8 + 1^9 - 2^6 + 3^5 + 4^7 + 5^0 + 6^2 + 7^1 + 8^3 + 9^4 \\
 23682 &:= 0^7 + 1^8 - 2^9 + 3^6 + 4^3 + 5^2 + 6^1 + 7^5 + 8^0 + 9^4 \\
 23683 &:= 0^7 - 1^8 + 2^6 + 3^9 + 4^4 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0 \\
 23684 &:= 0^4 + 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2 \\
 23685 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0 \\
 23686 &:= 0^2 + 1^9 - 2^8 + 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^0 + 9^1 \\
 23687 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^5 + 6^2 + 7^0 + 8^3 + 9^1 \\
 23688 &:= 0^1 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3 \\
 23689 &:= 0^8 + 1^9 + 2^6 - 3^3 + 4^7 + 5^5 + 6^2 + 7^0 + 8^4 + 9^1 \\
 23690 &:= 0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3 \\
 23691 &:= 0^5 - 1^9 - 2^8 + 3^6 + 4^7 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4 \\
 23692 &:= 0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4 \\
 23693 &:= 0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^3 + 7^0 + 8^1 + 9^4 \\
 23694 &:= 0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4 \\
 23695 &:= 0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^3 + 7^0 + 8^1 + 9^4 \\
 23696 &:= 0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3 \\
 23697 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0 \\
 23698 &:= 0^8 + 1^9 + 2^7 + 3^2 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^4 \\
 23699 &:= 0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^2 + 6^1 + 7^5 + 8^4 + 9^0 \\
 23700 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1 \\
 23701 &:= 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^0 \\
 23702 &:= 0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^2 + 6^0 + 7^5 + 8^4 + 9^1 \\
 23703 &:= 0^5 - 1^9 - 2^8 + 3^6 + 4^7 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4 \\
 23704 &:= 0^8 - 1^9 + 2^0 + 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3 \\
 23705 &:= 0^8 - 1^9 + 2^4 + 3^7 + 4^6 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2 \\
 23706 &:= 0^8 + 1^9 + 2^0 + 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3 \\
 23707 &:= 0^8 + 1^9 + 2^4 + 3^7 + 4^6 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2 \\
 23708 &:= -0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1 \\
 23709 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0 \\
 23710 &:= 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1 \\
 23711 &:= 0^1 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^2 + 8^4 + 9^0 \\
 23712 &:= 0^8 - 1^9 + 2^1 + 3^7 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3 \\
 23713 &:= 0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^0 + 6^2 + 7^5 + 8^4 + 9^1 \\
 23714 &:= 0^8 + 1^9 + 2^1 + 3^7 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3 \\
 23715 &:= 0^7 - 1^8 + 2^6 + 3^9 + 4^5 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0 \\
 23716 &:= 0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4 \\
 23717 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0 \\
 23718 &:= 0^8 + 1^9 + 2^0 + 3^7 + 4^5 + 5^6 + 6^1 + 7^2 + 8^4 + 9^3 \\
 23719 &:= 0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4 \\
 23720 &:= 0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1 \\
 23721 &:= 0^7 + 1^8 - 2^9 + 3^6 + 4^3 + 5^0 + 6^1 + 7^5 + 8^2 + 9^4 \\
 23722 &:= 0^8 + 1^9 + 2^7 + 3^1 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4 \\
 23723 &:= 0^2 + 1^8 - 2^9 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^0 \\
 23724 &:= 0^5 + 1^7 - 2^9 + 3^8 + 4^2 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3 \\
 23725 &:= 0^4 - 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0 \\
 23726 &:= 0^4 - 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1 \\
 23727 &:= 0^4 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0 \\
 23728 &:= 0^4 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1 \\
 23729 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^2 + 7^0 + 8^1 + 9^3 \\
 23730 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2 \\
 23731 &:= 0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4 \\
 23732 &:= 0^5 - 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1 \\
 23733 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^4 + 7^2 + 8^1 + 9^0 \\
 23734 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1 \\
 23735 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^5 + 6^1 + 7^3 + 8^2 + 9^0 \\
 23736 &:= 0^7 + 1^9 + 2^8 + 3^1 + 4^5 + 5^6 + 6^3 + 7^2 + 8^0 + 9^4 \\
 23737 &:= 0^6 + 1^8 - 2^7 + 3^9 + 4^4 + 5^5 + 6^1 + 7^0 + 8^2 + 9^3 \\
 23738 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1 \\
 23739 &:= 0^7 - 1^9 + 2^8 + 3^0 + 4^5 + 5^6 + 6^3 + 7^2 + 8^1 + 9^4 \\
 23740 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^1 + 7^2 + 8^0 + 9^3 \\
 23741 &:= 0^7 + 1^9 + 2^8 + 3^0 + 4^5 + 5^6 + 6^3 + 7^2 + 8^1 + 9^4 \\
 23742 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^0 + 7^2 + 8^1 + 9^3 \\
 23743 &:= 0^1 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2 \\
 23744 &:= 0^1 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2 \\
 23745 &:= 0^5 - 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^4 + 7^1 + 8^2 + 9^0 \\
 23746 &:= 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2 \\
 23747 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^4 + 7^1 + 8^2 + 9^0 \\
 23748 &:= -0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^2 \\
 23749 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^4 + 7^0 + 8^2 + 9^1 \\
 23750 &:= 0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^2 \\
 23751 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^2 + 7^0 + 8^3 + 9^1 \\
 23752 &:= 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2 \\
 23753 &:= 0^4 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0 \\
 23754 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^5 + 6^0 + 7^3 + 8^1 + 9^2 \\
 23755 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^4 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3 \\
 23756 &:= 0^4 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1 \\
 23757 &:= 0^7 + 1^9 - 2^6 + 3^8 + 4^4 + 5^3 + 6^1 + 7^5 + 8^2 + 9^0 \\
 23758 &:= 0^1 + 1^9 - 2^8 + 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2 \\
 23759 &:= 0^6 - 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0 \\
 23760 &:= 0^7 + 1^9 - 2^6 + 3^8 + 4^4 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1 \\
 23761 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0 \\
 23762 &:= 0^5 - 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2 \\
 23763 &:= 0^5 - 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2 \\
 23764 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2 \\
 23765 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2 \\
 23766 &:= 0^0 + 1^9 - 2^8 + 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2 \\
 23767 &:= 0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^3 + 6^2 + 7^5 + 8^4 + 9^0 \\
 23768 &:= 0^4 - 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2 \\
 23769 &:= 0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^3 + 6^2 + 7^5 + 8^4 + 9^0 \\
 23770 &:= 0^4 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2 \\
 23771 &:= 0^4 - 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^2 + 7^5 + 8^1 + 9^0 \\
 23772 &:= 0^4 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^3 + 8^1 + 9^2 \\
 23773 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^2 + 7^5 + 8^1 + 9^0 \\
 23774 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1 \\
 23775 &:= 0^2 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3 \\
 23776 &:= 0^7 + 1^9 - 2^6 + 3^8 + 4^4 + 5^3 + 6^0 + 7^5 + 8^1 + 9^2
 \end{aligned}$$

$$\begin{aligned}
 23777 &:= 0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3 \\
 23778 &:= 0^6 + 1^9 - 2^8 + 3^1 + 4^7 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2 \\
 23779 &:= 0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^1 + 8^4 + 9^3 \\
 23780 &:= 0^6 + 1^8 - 2^7 + 3^9 + 4^5 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3 \\
 23781 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0 \\
 23782 &:= 0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1 \\
 23783 &:= 0^7 + 1^9 + 2^4 + 3^8 + 4^5 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0 \\
 23784 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1 \\
 23785 &:= 0^7 + 1^9 + 2^4 + 3^8 + 4^5 + 5^6 + 6^2 + 7^0 + 8^3 + 9^1 \\
 23786 &:= 0^8 + 1^9 + 2^6 + 3^3 + 4^7 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2 \\
 23787 &:= 0^6 + 1^9 - 2^7 + 3^8 + 4^4 + 5^0 + 6^3 + 7^5 + 8^2 + 9^1 \\
 23788 &:= 0^5 + 1^9 - 2^7 + 3^8 + 4^0 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2 \\
 23789 &:= 0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^1 + 6^2 + 7^4 + 8^3 + 9^0 \\
 23790 &:= 0^1 + 1^8 - 2^7 - 3^9 + 4^6 + 5^3 + 6^0 + 7^2 + 8^5 + 9^4 \\
 23791 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^1 + 6^2 + 7^4 + 8^3 + 9^0 \\
 23792 &:= 0^6 - 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2 \\
 23793 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2 \\
 23794 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2 \\
 23795 &:= 0^2 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0 \\
 23796 &:= 0^2 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^4 + 9^1 \\
 23797 &:= 0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3 \\
 23798 &:= 0^2 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^4 + 9^1 \\
 23799 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^1 + 7^5 + 8^2 + 9^0 \\
 23800 &:= 0^4 - 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1 \\
 23801 &:= 0^7 - 1^0 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3 \\
 23802 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1 \\
 23803 &:= 0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3 \\
 23804 &:= 0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3 \\
 23805 &:= 0^8 - 1^9 + 2^6 + 3^5 + 4^7 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4 \\
 23806 &:= 0^7 + 1^8 + 2^9 + 3^3 + 4^5 + 5^6 + 6^1 + 7^2 + 8^0 + 9^4 \\
 23807 &:= 0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4 \\
 23808 &:= 0^7 + 1^8 + 2^9 + 3^3 + 4^5 + 5^6 + 6^0 + 7^2 + 8^1 + 9^4 \\
 23809 &:= 0^8 + 1^9 + 2^6 + 3^5 + 4^7 + 5^0 + 6^2 + 7^1 + 8^3 + 9^4 \\
 23810 &:= 0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2 \\
 23811 &:= 0^7 + 1^9 - 2^6 + 3^8 + 4^4 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0 \\
 23812 &:= 0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2 \\
 23813 &:= 0^5 + 1^9 - 2^6 + 3^8 + 4^7 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2 \\
 23814 &:= 0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^3 + 6^0 + 7^5 + 8^4 + 9^2 \\
 23815 &:= 0^8 - 1^9 - 2^6 + 3^0 + 4^7 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1 \\
 23816 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2 \\
 23817 &:= 0^8 + 1^9 - 2^6 + 3^0 + 4^7 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1 \\
 23818 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^0 + 7^5 + 8^1 + 9^2 \\
 23819 &:= 0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3 \\
 23820 &:= 0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4 \\
 23821 &:= 0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3 \\
 23822 &:= 0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^0 + 7^3 + 8^1 + 9^4 \\
 23823 &:= 0^1 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^0 \\
 23824 &:= -0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^3 \\
 23825 &:= 0^1 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^0 \\
 23826 &:= 0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^2 + 8^4 + 9^3 \\
 23827 &:= 0^7 + 1^9 + 2^4 + 3^8 + 4^5 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2 \\
 23828 &:= 0^7 + 1^9 + 2^4 + 3^8 + 4^5 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2 \\
 23829 &:= 0^6 + 1^9 - 2^5 + 3^8 + 4^7 + 5^4 + 6^3 + 7^0 + 8^2 + 9^1 \\
 23830 &:= 0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4 \\
 23831 &:= 0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4 \\
 23832 &:= -0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1 \\
 23833 &:= 0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4 \\
 23834 &:= 0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1 \\
 23835 &:= 0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2 \\
 23836 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2 \\
 23837 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2 \\
 23838 &:= 0^8 + 1^9 - 2^4 + 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^1 + 9^3 \\
 23839 &:= 0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0 \\
 23840 &:= 0^6 + 1^8 - 2^9 + 3^2 + 4^7 + 5^5 + 6^0 + 7^1 + 8^4 + 9^3 \\
 23841 &:= 0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0 \\
 23842 &:= 0^5 - 1^6 - 2^9 + 3^8 + 4^7 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3 \\
 23843 &:= 0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^0 + 6^3 + 7^5 + 8^4 + 9^1 \\
 23844 &:= 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3 \\
 23845 &:= 0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^0 + 6^3 + 7^5 + 8^4 + 9^1 \\
 23846 &:= 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^4 + 6^0 + 7^2 + 8^1 + 9^3 \\
 23847 &:= 0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^2 + 6^3 + 7^5 + 8^4 + 9^0 \\
 23848 &:= 0^7 - 1^9 + 2^8 + 3^1 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4 \\
 23849 &:= 0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^2 + 6^3 + 7^5 + 8^4 + 9^0 \\
 23850 &:= 0^7 + 1^9 + 2^8 + 3^1 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4 \\
 23851 &:= 0^4 - 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0 \\
 23852 &:= 0^4 - 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^3 + 7^5 + 8^0 + 9^1 \\
 23853 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0 \\
 23854 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^3 + 7^5 + 8^0 + 9^1 \\
 23855 &:= 0^7 + 1^9 + 2^8 + 3^0 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^4 \\
 23856 &:= 0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4 \\
 23857 &:= 0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4 \\
 23858 &:= 0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4 \\
 23859 &:= 0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4 \\
 23860 &:= 0^7 + 1^9 + 2^6 + 3^8 + 4^4 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1 \\
 23861 &:= 0^7 + 1^9 + 2^8 + 3^4 + 4^3 + 5^6 + 6^5 + 7^2 + 8^1 + 9^0 \\
 23862 &:= 0^7 + 1^9 + 2^8 + 3^4 + 4^3 + 5^6 + 6^5 + 7^2 + 8^0 + 9^1 \\
 23863 &:= 0^6 + 1^8 - 2^9 + 3^1 + 4^7 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3 \\
 23864 &:= 0^7 + 1^9 - 2^6 + 3^8 + 4^4 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2 \\
 23865 &:= 0^8 - 1^9 + 2^7 + 3^2 + 4^5 + 5^6 + 6^1 + 7^0 + 8^3 + 9^4 \\
 23866 &:= 0^8 - 1^9 + 2^4 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^3 \\
 23867 &:= 0^8 + 1^9 + 2^7 + 3^2 + 4^5 + 5^6 + 6^1 + 7^0 + 8^3 + 9^4 \\
 23868 &:= 0^8 + 1^9 + 2^4 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^3 \\
 23869 &:= 0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4 \\
 23870 &:= 0^1 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2 \\
 23871 &:= 0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4 \\
 23872 &:= 0^8 + 1^9 + 2^7 + 3^3 + 4^4 + 5^6 + 6^5 + 7^2 + 8^0 + 9^1 \\
 23873 &:= 0^7 - 1^9 + 2^8 + 3^4 + 4^3 + 5^6 + 6^5 + 7^1 + 8^2 + 9^0 \\
 23874 &:= -0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2 \\
 23875 &:= 0^7 + 1^9 + 2^8 + 3^4 + 4^3 + 5^6 + 6^5 + 7^1 + 8^2 + 9^0 \\
 23876 &:= 0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2 \\
 23877 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0 \\
 23878 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^4 + 6^3 + 7^2 + 8^0 + 9^1 \\
 23879 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^5 + 6^2 + 7^0 + 8^3 + 9^1 \\
 23880 &:= 0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4 \\
 23881 &:= 0^7 + 1^9 + 2^8 + 3^0 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^4 \\
 23882 &:= 0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4 \\
 23883 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^2 + 5^6 + 6^4 + 7^3 + 8^1 + 9^0 \\
 23884 &:= 0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^0 + 7^2 + 8^1 + 9^4 \\
 23885 &:= 0^7 + 1^9 + 2^6 + 3^8 + 4^4 + 5^3 + 6^1 + 7^5 + 8^2 + 9^0 \\
 23886 &:= 0^2 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3 \\
 23887 &:= 0^8 + 1^9 + 2^7 + 3^3 + 4^4 + 5^6 + 6^5 + 7^0 + 8^2 + 9^1 \\
 23888 &:= 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3 \\
 23889 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0 \\
 23890 &:= 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^1 + 9^3 \\
 23891 &:= 0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^3 + 9^0 \\
 23892 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1 \\
 23893 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^2 + 9^1 \\
 23894 &:= 0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^3 + 9^1 \\
 23895 &:= 0^4 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0 \\
 23896 &:= 0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4 \\
 23897 &:= 0^4 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^0 + 8^3 + 9^1 \\
 23898 &:= 0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4 \\
 23899 &:= 0^4 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^3 + 9^0 \\
 23900 &:= 0^7 - 1^8 + 2^6 + 3^9 + 4^4 + 5^5 + 6^2 + 7^1 + 8^0 + 9^3 \\
 23901 &:= 0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^3 + 9^0 \\
 23902 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^5 + 6^2 + 7^1 + 8^0 + 9^3 \\
 23903 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3 \\
 23904 &:= 0^7 + 1^9 + 2^6 + 3^8 + 4^4 + 5^3 + 6^0 + 7^5 + 8^1 + 9^2 \\
 23905 &:= 0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1 \\
 23906 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2 \\
 23907 &:= 0^4 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^2 + 8^3 + 9^0 \\
 23908 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2 \\
 23909 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2 \\
 23910 &:= 0^4 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^2 + 8^3 + 9^1 \\
 23911 &:= 0^3 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2 \\
 23912 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1 \\
 23913 &:= 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0 \\
 23914 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3 \\
 23915 &:= 0^8 - 1^9 - 2^5 + 3^6 + 4^7 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4 \\
 23916 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^5 + 6^0 + 7^2 + 8^1 + 9^3 \\
 23917 &:= 0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^2 + 7^4 + 8^3 + 9^0 \\
 23918 &:= 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3 \\
 23919 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^2 + 7^4 + 8^3 + 9^0 \\
 23920 &:= 0^6 - 1^7 + 2^8 + 3^9 + 4^4 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2 \\
 23921 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2 \\
 23922 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2 \\
 23923 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^4 + 6^3 + 7^1 + 8^2 + 9^0
 \end{aligned}$$

23924 := $0^6 + 1^9 + 2^7 + 3^8 + 4^4 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$
23925 := $0^2 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3$
23926 := $0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$
23927 := $0^7 + 1^9 + 2^5 + 3^8 + 4^1 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$
23928 := $0^7 - 1^8 + 2^6 + 3^9 + 4^4 + 5^5 + 6^0 + 7^1 + 8^2 + 9^3$
23929 := $0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^5 + 6^1 + 7^0 + 8^2 + 9^3$
23930 := $0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^5 + 6^0 + 7^1 + 8^2 + 9^3$
23931 := $0^6 - 1^9 + 2^8 + 3^3 + 4^7 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$
23932 := $0^7 + 1^9 + 2^5 + 3^8 + 4^0 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$
23933 := $0^6 + 1^9 + 2^8 + 3^3 + 4^7 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$
23934 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$
23935 := $0^6 + 1^9 + 2^8 + 3^3 + 4^7 + 5^5 + 6^2 + 7^0 + 8^4 + 9^1$
23936 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^2 + 6^0 + 7^4 + 8^1 + 9^3$
23937 := $0^4 - 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$
23938 := $0^4 - 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$
23939 := $0^4 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^0 + 8^3 + 9^2$
23940 := $0^4 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^1 + 8^3 + 9^2$
23941 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2$
23942 := $0^7 - 1^8 + 2^6 + 3^9 + 4^5 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$
23943 := $0^6 - 1^9 + 2^8 + 3^3 + 4^7 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
23944 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$
23945 := $0^6 + 1^9 + 2^8 + 3^3 + 4^7 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
23946 := $0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$
23947 := $0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2$
23948 := $0^6 + 1^9 + 2^8 + 3^3 + 4^7 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
23949 := $0^6 + 1^9 + 2^7 + 3^8 + 4^4 + 5^3 + 6^1 + 7^5 + 8^2 + 9^0$

23950 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4$
23951 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^3 + 7^0 + 8^1 + 9^4$
23952 := $0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3$
23953 := $0^1 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^0 + 8^4 + 9^3$
23954 := $0^7 - 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4$
23955 := $0^1 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^0 + 8^4 + 9^3$
23956 := $0^7 + 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4$
23957 := $0^7 + 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4$
23958 := $-0^0 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$
23959 := $0^9 - 1^0 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$
23960 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$
23961 := $0^9 + 1^0 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$
23962 := $0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$
23963 := $0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2$
23964 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2$
23965 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2$
23966 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^2 + 7^1 + 8^0 + 9^3$
23967 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$
23968 := $0^1 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3$
23969 := $0^8 - 1^9 + 2^6 + 3^1 + 4^7 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2$
23970 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4$
23971 := $0^8 + 1^9 + 2^6 + 3^1 + 4^7 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2$
23972 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4$
23973 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^0 + 6^1 + 7^4 + 8^2 + 9^3$
23974 := $0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^2 + 8^4 + 9^3$
23975 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4$

23976 := $0^6 - 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3$
23977 := $0^6 + 1^9 + 2^8 + 3^3 + 4^7 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$
23978 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3$
23979 := $0^5 + 1^9 + 2^7 + 3^8 + 4^2 + 5^6 + 6^4 + 7^3 + 8^1 + 9^0$
23980 := $0^5 + 1^9 + 2^7 + 3^8 + 4^2 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$
23981 := $0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4$
23982 := $0^2 + 1^9 - 2^8 + 3^7 + 4^6 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$
23983 := $0^6 - 1^7 - 2^8 + 3^9 + 4^3 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0$
23984 := $0^5 + 1^8 - 2^9 + 3^7 + 4^3 + 5^6 + 6^0 + 7^2 + 8^1 + 9^4$
23985 := $0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$
23986 := $0^5 + 1^9 - 2^8 + 3^6 + 4^7 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4$
23987 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$
23988 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$
23989 := $0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^3 + 7^1 + 8^2 + 9^4$
23990 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$
23991 := $0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$
23992 := $0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$
23993 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^1 + 7^0 + 8^2 + 9^3$
23994 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^5 + 6^0 + 7^1 + 8^2 + 9^3$
23995 := $0^7 + 1^9 + 2^6 + 3^8 + 4^4 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$
23996 := $0^7 + 1^9 + 2^8 + 3^2 + 4^5 + 5^6 + 6^0 + 7^1 + 8^3 + 9^4$
23997 := $0^4 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^2 + 8^1 + 9^0$
23998 := $0^4 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^2 + 8^0 + 9^1$
23999 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$
24000 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^0 + 7^4 + 8^1 + 9^3$

24001 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^0 + 6^2 + 7^1 + 8^3 + 9^4$
24002 := $0^6 - 1^9 + 2^7 + 3^8 + 4^4 + 5^2 + 6^3 + 7^5 + 8^0 + 9^1$
24003 := $0^6 + 1^9 + 2^7 + 3^8 + 4^4 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0$
24004 := $0^6 + 1^9 + 2^7 + 3^8 + 4^4 + 5^2 + 6^3 + 7^5 + 8^0 + 9^1$
24005 := $0^7 - 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^3 + 7^0 + 8^2 + 9^4$
24006 := $0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^2 + 9^1$
24007 := $0^7 + 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^3 + 7^0 + 8^2 + 9^4$
24008 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$
24009 := $0^4 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$
24010 := $0^6 - 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4$
24011 := $0^4 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$
24012 := $0^6 + 1^9 + 2^8 + 3^5 + 4^7 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4$
24013 := $0^4 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^0 + 8^2 + 9^1$
24014 := $0^7 + 1^9 + 2^4 + 3^8 + 4^5 + 5^6 + 6^0 + 7^2 + 8^1 + 9^3$
24015 := $0^7 + 1^9 + 2^8 + 3^3 + 4^4 + 5^6 + 6^5 + 7^0 + 8^2 + 9^1$
24016 := $0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$
24017 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^1 + 9^0$
24018 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1$
24019 := $0^7 + 1^9 + 2^8 + 3^1 + 4^5 + 5^6 + 6^2 + 7^0 + 8^3 + 9^4$
24020 := $0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1$
24021 := $0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$
24022 := $0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$

24023 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$
24024 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$
24025 := $0^7 - 1^9 + 2^4 + 3^8 + 4^5 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$
24026 := $0^4 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$
24027 := $0^7 + 1^9 + 2^4 + 3^8 + 4^5 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$
24028 := $0^4 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^2$
24029 := $0^4 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2$
24030 := $0^7 + 1^9 + 2^8 + 3^3 + 4^4 + 5^6 + 6^5 + 7^1 + 8^0 + 9^2$
24031 := $0^7 + 1^9 + 2^8 + 3^3 + 4^4 + 5^6 + 6^5 + 7^0 + 8^1 + 9^2$
24032 := $0^7 + 1^9 + 2^8 + 3^1 + 4^5 + 5^6 + 6^0 + 7^2 + 8^3 + 9^4$
24033 := $0^7 - 1^9 + 2^8 + 3^0 + 4^5 + 5^6 + 6^1 + 7^2 + 8^3 + 9^4$
24034 := $0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$
24035 := $0^7 + 1^9 + 2^8 + 3^0 + 4^5 + 5^6 + 6^1 + 7^2 + 8^3 + 9^4$
24036 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$
24037 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^0 + 6^1 + 7^4 + 8^2 + 9^3$
24038 := $0^5 - 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$
24039 := $0^6 + 1^9 + 2^7 + 3^8 + 4^4 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0$
24040 := $0^5 + 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$
24041 := $0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^2 + 9^0$
24042 := $0^5 - 1^9 + 2^7 + 3^8 + 4^0 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$
24043 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^2 + 9^0$
24044 := $0^5 + 1^9 + 2^7 + 3^8 + 4^0 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$

24045 := $0^2 - 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0$
24046 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^0 + 7^5 + 8^2 + 9^1$
24047 := $0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$
24048 := $-0^0 + 1^7 + 2^9 - 3^8 + 4^3 + 5^6 + 6^5 + 7^1 + 8^2 + 9^4$
24049 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$
24050 := $0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1$
24051 := $0^7 + 1^9 + 2^5 + 3^8 + 4^2 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$
24052 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1$
24053 := $0^7 + 1^9 + 2^5 + 3^8 + 4^2 + 5^6 + 6^4 + 7^0 + 8^3 + 9^1$
24054 := $0^6 - 1^9 + 2^7 + 3^8 + 4^4 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$
24055 := $0^6 + 1^9 - 2^7 + 3^8 + 4^4 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$
24056 := $0^6 + 1^9 + 2^7 + 3^8 + 4^4 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$
24057 := $0^6 - 1^9 + 2^7 + 3^8 + 4^4 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$
24058 := $0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$
24059 := $0^6 + 1^9 + 2^7 + 3^8 + 4^4 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$
24060 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$
24061 := $0^8 + 1^9 - 2^7 + 3^2 + 4^4 + 5^6 + 6^5 + 7^0 + 8^3 + 9^1$
24062 := $0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^0 + 7^5 + 8^1 + 9^2$
24063 := $0^5 + 1^9 - 2^6 + 3^8 + 4^7 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0$
24064 := $0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$
24065 := $0^1 + 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^0$
24066 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$

$$\begin{aligned}
 24067 &:= 0^3 + 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^1 + 8^2 + 9^0 \\
 24068 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^4 + 6^0 + 7^3 + 8^1 + 9^2 \\
 24069 &:= 0^3 + 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^2 + 9^1 \\
 24070 &:= -0^0 - 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1 \\
 24071 &:= 0^8 - 1^0 - 2^9 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1 \\
 24072 &:= -0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1 \\
 24073 &:= 0^8 + 1^0 - 2^9 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1 \\
 24074 &:= 0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4 \\
 24075 &:= 0^5 + 1^9 - 2^6 + 3^8 + 4^7 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0 \\
 24076 &:= 0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4 \\
 24077 &:= 0^8 - 1^9 - 2^7 + 3^6 + 4^3 + 5^0 + 6^2 + 7^5 + 8^1 + 9^4 \\
 24078 &:= 0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^0 + 7^3 + 8^1 + 9^4 \\
 24079 &:= 0^7 - 1^9 + 2^5 + 3^8 + 4^1 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0 \\
 24080 &:= 0^7 - 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^4 \\
 24081 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^1 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0 \\
 24082 &:= 0^7 + 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^4 \\
 24083 &:= 0^7 + 1^9 - 2^8 + 3^6 + 4^2 + 5^0 + 6^3 + 7^5 + 8^1 + 9^4 \\
 24084 &:= 0^7 + 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^0 + 7^3 + 8^1 + 9^4 \\
 24085 &:= 0^3 + 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2 \\
 24086 &:= 0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4 \\
 24087 &:= 0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4 \\
 24088 &:= 0^7 + 1^9 - 2^8 + 3^6 + 4^1 + 5^2 + 6^3 + 7^5 + 8^0 + 9^4 \\
 24089 &:= 0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4 \\
 24090 &:= 0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4 \\
 24091 &:= 0^1 + 1^8 + 2^9 - 3^7 + 4^6 + 5^0 + 6^2 + 7^5 + 8^4 + 9^3 \\
 24092 &:= 0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4 \\
 24093 &:= 0^6 - 1^7 + 2^8 + 3^9 + 4^4 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3 \\
 24094 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^5 + 6^2 + 7^1 + 8^0 + 9^3 \\
 24095 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3 \\
 24096 &:= 0^6 - 1^9 + 2^8 + 3^7 + 4^2 + 5^1 + 6^0 + 7^5 + 8^4 + 9^3 \\
 24097 &:= 0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^5 + 6^3 + 7^0 + 8^4 + 9^1 \\
 24098 &:= 0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^1 + 6^0 + 7^5 + 8^4 + 9^3 \\
 24099 &:= 0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^0 + 6^1 + 7^5 + 8^4 + 9^3 \\
 24100 &:= 0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4 \\
 24101 &:= 0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4 \\
 24102 &:= 0^5 + 1^8 - 2^9 + 3^7 + 4^2 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4 \\
 24103 &:= 0^5 + 1^8 - 2^9 + 3^7 + 4^2 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4 \\
 24104 &:= 0^6 - 1^7 + 2^8 + 3^9 + 4^4 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3 \\
 24105 &:= 0^7 - 1^9 + 2^8 + 3^4 + 4^2 + 5^6 + 6^5 + 7^3 + 8^1 + 9^0 \\
 24106 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3 \\
 24107 &:= 0^7 + 1^9 + 2^8 + 3^4 + 4^2 + 5^6 + 6^5 + 7^3 + 8^1 + 9^0 \\
 24108 &:= 0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^3 \\
 24109 &:= 0^4 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0 \\
 24110 &:= 0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^1 + 9^3 \\
 24111 &:= 0^4 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^0 \\
 24112 &:= 0^4 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^1 \\
 24113 &:= 0^4 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^0 + 8^1 + 9^3 \\
 24114 &:= 0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^0 + 7^2 + 8^1 + 9^4 \\
 24115 &:= 0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4 \\
 24116 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^0 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2 \\
 24117 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^4 + 7^2 + 8^1 + 9^0 \\
 24118 &:= 0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^0 + 9^3 \\
 24119 &:= 0^4 - 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^2 + 7^5 + 8^1 + 9^3 \\
 24120 &:= 0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4 \\
 24121 &:= 0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^2 + 7^5 + 8^1 + 9^3 \\
 24122 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^5 + 6^0 + 7^1 + 8^2 + 9^3 \\
 24123 &:= 0^3 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0 \\
 24124 &:= 0^4 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^2 + 8^0 + 9^3 \\
 24125 &:= 0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4 \\
 24126 &:= 0^4 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^2 + 8^1 + 9^3 \\
 24127 &:= 0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4 \\
 24128 &:= 0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4 \\
 24129 &:= 0^5 - 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^4 + 7^1 + 8^2 + 9^0 \\
 24130 &:= 0^6 + 1^8 - 2^7 + 3^9 + 4^3 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2 \\
 24131 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^4 + 7^1 + 8^2 + 9^0 \\
 24132 &:= 0^7 - 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4 \\
 24133 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^4 + 7^0 + 8^2 + 9^1 \\
 24134 &:= 0^7 + 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4 \\
 24135 &:= 0^4 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0 \\
 24136 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3 \\
 24137 &:= 0^4 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^0 \\
 24138 &:= 0^4 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1 \\
 24139 &:= 0^4 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3 \\
 24140 &:= 0^4 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^1 \\
 24141 &:= 0^5 - 1^6 - 2^9 + 3^8 + 4^7 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0 \\
 24142 &:= 0^5 + 1^9 - 2^7 + 3^8 + 4^0 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3 \\
 24143 &:= 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0 \\
 24144 &:= 0^4 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^0 + 7^5 + 8^2 + 9^3 \\
 24145 &:= 0^4 - 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^3 + 9^0 \\
 24146 &:= 0^4 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^0 + 7^5 + 8^2 + 9^3 \\
 24147 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^3 + 9^0 \\
 24148 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2 \\
 24149 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2 \\
 24150 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^3 + 9^1 \\
 24151 &:= 0^7 + 1^9 + 2^8 + 3^4 + 4^1 + 5^6 + 6^5 + 7^3 + 8^2 + 9^0 \\
 24152 &:= 0^4 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2 \\
 24153 &:= 0^5 + 1^9 - 2^7 + 3^8 + 4^1 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3 \\
 24154 &:= 0^4 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2 \\
 24155 &:= 0^4 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^3 + 9^0 \\
 24156 &:= 0^4 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^3 + 8^1 + 9^2 \\
 24157 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^3 + 9^0 \\
 24158 &:= 0^5 - 1^6 - 2^9 + 3^8 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2 \\
 24159 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0 \\
 24160 &:= 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2 \\
 24161 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1 \\
 24162 &:= 0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3 \\
 24163 &:= 0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2 \\
 24164 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3 \\
 24165 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^0 + 6^1 + 7^4 + 8^2 + 9^3 \\
 24166 &:= 0^7 - 1^9 + 2^6 + 3^8 + 4^3 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1 \\
 24167 &:= 0^6 + 1^9 + 2^8 + 3^0 + 4^7 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2 \\
 24168 &:= 0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1 \\
 24169 &:= 0^6 - 1^9 + 2^5 + 3^8 + 4^7 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0 \\
 24170 &:= 0^7 - 1^9 + 2^8 + 3^4 + 4^0 + 5^6 + 6^5 + 7^3 + 8^1 + 9^2 \\
 24171 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0 \\
 24172 &:= 0^7 + 1^9 + 2^8 + 3^4 + 4^0 + 5^6 + 6^5 + 7^3 + 8^1 + 9^2 \\
 24173 &:= 0^2 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0 \\
 24174 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1 \\
 24175 &:= 0^5 - 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0 \\
 24176 &:= 0^2 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1 \\
 24177 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0 \\
 24178 &:= 0^5 - 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4 \\
 24179 &:= 0^2 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3 \\
 24180 &:= 0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4 \\
 24181 &:= 0^2 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3 \\
 24182 &:= 0^2 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3 \\
 24183 &:= 0^6 + 1^9 - 2^8 + 3^4 + 4^7 + 5^3 + 6^5 + 7^1 + 8^2 + 9^0 \\
 24184 &:= 0^7 + 1^9 - 2^8 + 3^1 + 4^4 + 5^6 + 6^5 + 7^2 + 8^0 + 9^3 \\
 24185 &:= 0^5 + 1^7 - 2^9 + 3^8 + 4^3 + 5^6 + 6^2 + 7^4 + 8^1 + 9^0 \\
 24186 &:= 0^5 + 1^7 - 2^9 + 3^8 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1 \\
 24187 &:= 0^6 - 1^8 + 2^9 + 3^3 + 4^7 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0 \\
 24188 &:= 0^8 + 1^9 - 2^5 + 3^6 + 4^7 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4 \\
 24189 &:= 0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0 \\
 24190 &:= -0^0 - 1^6 - 2^9 - 3^8 + 4^7 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4 \\
 24191 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0 \\
 24192 &:= 0^7 - 1^8 - 2^6 + 3^9 + 4^3 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2 \\
 24193 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^4 + 6^2 + 7^0 + 8^3 + 9^1 \\
 24194 &:= 0^7 - 1^9 + 2^6 + 3^8 + 4^3 + 5^4 + 6^0 + 7^5 + 8^2 + 9^1 \\
 24195 &:= 0^2 - 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^0 \\
 24196 &:= 0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^4 + 6^0 + 7^5 + 8^2 + 9^1 \\
 24197 &:= 0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^0 \\
 24198 &:= 0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^0 + 9^1 \\
 24199 &:= 0^6 - 1^8 + 2^9 + 3^3 + 4^7 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0 \\
 24200 &:= 0^4 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^0 + 7^5 + 8^3 + 9^2 \\
 24201 &:= 0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0 \\
 24202 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^0 + 7^5 + 8^3 + 9^2 \\
 24203 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2 \\
 24204 &:= 0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1 \\
 24205 &:= 0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4 \\
 24206 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1 \\
 24207 &:= 0^5 - 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2 \\
 24208 &:= 0^7 - 1^9 + 2^6 + 3^8 + 4^3 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2 \\
 24209 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2 \\
 24210 &:= 0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2 \\
 24211 &:= 0^1 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^0 + 8^4 + 9^3 \\
 24212 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^0 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2 \\
 24213 &:= 0^7 - 1^9 - 2^6 + 3^8 + 4^1 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0
 \end{aligned}$$

$24215 := 0^8 - 1^9 + 2^7 + 3^4 + 4^5 + 5^6 + 6^5 + 7^8 + 8^0 + 9^2$
 $24216 := -0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$
 $24217 := 0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$
 $24218 := 0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$
 $24219 := 0^5 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^3 + 7^1 + 8^2 + 9^4$
 $24220 := 0^7 + 1^9 - 2^6 + 3^8 + 4^0 + 5^4 + 6^3 + 7^5 + 8^2 + 9^1$
 $24221 := 0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$
 $24222 := 0^1 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3$
 $24223 := 0^2 + 1^7 + 2^8 - 3^9 + 4^6 + 5^0 + 6^3 + 7^1 + 8^5 + 9^4$
 $24224 := 0^1 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3$
 $24225 := 0^5 - 1^9 - 2^8 + 3^7 + 4^3 + 5^6 + 6^2 + 7^0 + 8^1 + 9^4$
 $24226 := -0^0 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^2 + 8^4 + 9^3$
 $24227 := 0^8 - 1^0 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^2 + 8^4 + 9^3$
 $24228 := -0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^2 + 8^4 + 9^3$
 $24229 := 0^8 + 1^0 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^2 + 8^4 + 9^3$
 $24230 := 0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^2 + 8^4 + 9^3$
 $24231 := 0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^4 + 6^2 + 7^5 + 8^1 + 9^0$
 $24232 := 0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1$
 $24233 := 0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$
 $24234 := 0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$
 $24235 := 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^4 + 6^1 + 7^0 + 8^3 + 9^2$
 $24236 := 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^4 + 6^0 + 7^1 + 8^3 + 9^2$
 $24237 := 0^8 - 1^9 + 2^2 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^0$
 $24238 := 0^5 + 1^9 - 2^8 + 3^7 + 4^3 + 5^6 + 6^1 + 7^2 + 8^0 + 9^4$
 $24239 := 0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^0$
 $24240 := 0^8 - 1^9 + 2^2 + 3^7 + 4^6 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$
 $24241 := 0^7 - 1^9 + 2^6 + 3^8 + 4^4 + 5^1 + 6^2 + 7^5 + 8^3 + 9^0$
 $24242 := 0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$
 $24243 := 0^7 + 1^9 + 2^6 + 3^8 + 4^4 + 5^1 + 6^2 + 7^5 + 8^3 + 9^0$
 $24244 := 0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$
 $24245 := 0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^1 + 7^0 + 8^3 + 9^4$
 $24246 := 0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$
 $24247 := 0^7 + 1^9 + 2^6 + 3^8 + 4^4 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$
 $24248 := 0^1 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
 $24249 := 0^6 - 1^9 + 2^8 + 3^0 + 4^7 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1$
 $24250 := 0^7 - 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^0 + 7^1 + 8^3 + 9^4$
 $24251 := 0^6 + 1^9 + 2^8 + 3^0 + 4^7 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1$
 $24252 := 0^7 + 1^8 + 2^9 + 3^2 + 4^5 + 5^6 + 6^0 + 7^1 + 8^3 + 9^4$
 $24253 := 0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0$
 $24254 := 0^7 - 1^8 + 2^9 + 3^3 + 4^4 + 5^6 + 6^5 + 7^2 + 8^0 + 9^1$
 $24255 := 0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$
 $24256 := 0^7 + 1^8 + 2^9 + 3^3 + 4^4 + 5^6 + 6^5 + 7^2 + 8^0 + 9^1$
 $24257 := 0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^2 + 7^1 + 8^3 + 9^4$
 $24258 := 0^6 - 1^9 + 2^7 + 3^8 + 4^3 + 5^4 + 6^0 + 7^5 + 8^2 + 9^1$
 $24259 := 0^8 - 1^9 + 2^5 + 3^6 + 4^7 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$
 $24260 := 0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^4 + 6^0 + 7^5 + 8^2 + 9^1$
 $24261 := 0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$
 $24262 := 0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^2 + 9^1$
 $24263 := 0^8 + 1^9 + 2^5 + 3^6 + 4^7 + 5^0 + 6^2 + 7^1 + 8^3 + 9^4$
 $24264 := 0^2 - 1^9 - 2^8 + 3^7 + 4^0 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$
 $24265 := 0^8 - 1^9 + 2^1 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$
 $24266 := 0^6 - 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4$
 $24267 := 0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$
 $24268 := 0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4$
 $24269 := 0^6 + 1^8 + 2^9 + 3^5 + 4^7 + 5^0 + 6^1 + 7^2 + 8^3 + 9^4$
 $24270 := 0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$
 $24271 := 0^7 + 1^8 + 2^9 + 3^3 + 4^4 + 5^6 + 6^5 + 7^0 + 8^2 + 9^1$
 $24272 := 0^3 - 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1$
 $24273 := 0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^1 + 9^0$
 $24274 := 0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1$
 $24275 := 0^7 + 1^8 + 2^9 + 3^1 + 4^5 + 5^6 + 6^2 + 7^0 + 8^3 + 9^4$
 $24276 := 0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^4 + 6^0 + 7^5 + 8^1 + 9^2$
 $24277 := 0^7 + 1^9 + 2^8 + 3^4 + 4^2 + 5^6 + 6^5 + 7^0 + 8^3 + 9^1$
 $24278 := 0^0 + 1^9 + 2^8 + 3^7 + 4^6 +$

24361 := $0^8 + 1^9 + 2^7 + 3^6 + 4^3 + 5^0 + 6^1 + 7^5 + 8^2 + 9^4$
24362 := $0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^2 + 6^0 + 7^5 + 8^4 + 9^3$
24363 := $0^5 + 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^4 + 7^3 + 8^1 + 9^0$
24364 := $0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^3$
24365 := $0^5 + 1^9 + 2^7 + 3^8 + 4^2 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$
24366 := $0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^1 + 9^3$
24367 := $0^6 - 1^8 + 2^7 + 3^9 + 4^3 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0$
24368 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4$
24369 := $0^6 + 1^8 + 2^7 + 3^9 + 4^3 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0$
24370 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^0 + 7^2 + 8^1 + 9^4$
24371 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^4 + 6^3 + 7^1 + 8^2 + 9^0$
24372 := $0^4 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^0 + 9^3$
24373 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^4 + 6^3 + 7^0 + 8^2 + 9^1$
24374 := $0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^0 + 9^3$
24375 := $0^4 - 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^2 + 7^5 + 8^1 + 9^3$
24376 := $0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^4 + 6^2 + 7^1 + 8^0 + 9^3$
24377 := $0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^2 + 7^5 + 8^1 + 9^3$
24378 := $0^5 + 1^7 - 2^9 + 3^8 + 4^1 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2$
24379 := $0^1 + 1^7 + 2^8 - 3^9 + 4^6 + 5^0 + 6^2 + 7^3 + 8^5 + 9^4$
24380 := $0^5 - 1^7 - 2^9 + 3^8 + 4^0 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2$
24381 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$
24382 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$
24383 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$
24384 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$
24385 := $0^6 - 1^7 + 2^9 + 3^8 + 4^4 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0$
24386 := $0^6 + 1^8 + 2^7 + 3^9 + 4^3 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2$
24387 := $0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0$
24388 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$
24389 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2$
24390 := $0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^4 + 6^0 + 7^2 + 8^1 + 9^3$
24391 := $0^6 - 1^8 + 2^9 + 3^0 + 4^7 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
24392 := $0^8 + 1^9 + 2^7 + 3^6 + 4^1 + 5^3 + 6^2 + 7^5 + 8^0 + 9^4$
24393 := $0^6 + 1^8 + 2^9 + 3^0 + 4^7 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
24394 := $0^5 + 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$
24395 := $0^7 + 1^9 - 2^8 + 3^6 + 4^1 + 5^0 + 6^2 + 7^5 + 8^3 + 9^4$
24396 := $0^8 + 1^9 + 2^7 + 3^6 + 4^0 + 5^3 + 6^2 + 7^5 + 8^1 + 9^4$
24397 := $0^8 - 1^9 + 2^3 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
24398 := $0^5 + 1^9 + 2^7 + 3^8 + 4^0 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$
24399 := $0^8 + 1^9 + 2^3 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
24400 := $0^4 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^0 + 7^5 + 8^2 + 9^3$
24401 := $0^4 - 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^1 + 7^5 + 8^2 + 9^3$
24402 := $0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^0 + 7^5 + 8^2 + 9^3$
24403 := $0^4 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^1 + 7^5 + 8^2 + 9^3$
24404 := $0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^4 + 6^0 + 7^1 + 8^2 + 9^3$
24405 := $0^5 - 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$
24406 := $0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^4 + 6^2 + 7^1 + 8^0 + 9^3$
24407 := $0^5 + 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$
24408 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^4 + 6^2 + 7^1 + 8^0 + 9^3$
24409 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^4 + 6^2 + 7^0 + 8^1 + 9^3$
24410 := $0^5 - 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$
24411 := $0^7 + 1^0 - 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$
24412 := $0^5 + 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$
24413 := $0^8 - 1^9 + 2^6 + 3^2 + 4^7 + 5^5 + 6^1 + 7^0 + 8^4 + 9^3$
24414 := $0^8 - 1^9 + 2^6 + 3^2 + 4^7 + 5^5 + 6^0 + 7^1 + 8^4 + 9^3$
24415 := $0^8 + 1^9 + 2^6 + 3^2 + 4^7 + 5^5 + 6^1 + 7^0 + 8^4 + 9^3$
24416 := $0^8 + 1^9 + 2^6 + 3^2 + 4^7 + 5^5 + 6^0 + 7^1 + 8^4 + 9^3$
24417 := $0^6 - 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2$
24418 := $0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3$
24419 := $0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2$
24420 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^4 + 6^1 + 7^2 +$

24508 := $0^4 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^2 + 8^0 + 9^3$
24509 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0$
24510 := $0^4 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^2 + 8^1 + 9^3$
24511 := $0^7 + 1^9 + 2^8 + 3^1 + 4^4 + 5^6 + 6^5 + 7^0 + 8^3 + 9^2$
24512 := $0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$
24513 := $0^6 - 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$
24514 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$
24515 := $0^6 + 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$
24516 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^4 + 6^0 + 7^3 + 8^1 + 9^2$
24517 := $0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^2 + 9^1$
24518 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^2 + 9^1$
24519 := $0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$
24520 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2$
24521 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$
24522 := $0^7 + 1^9 + 2^8 + 3^4 + 4^1 + 5^6 + 6^5 + 7^2 + 8^0 + 9^3$
24523 := $0^4 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3$
24524 := $0^4 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^1 + 8^2 + 9^3$
24525 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^1 + 9^0$
24526 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$
24527 := $0^6 + 1^9 + 2^7 + 3^8 + 4^4 + 5^0 + 6^2 + 7^5 + 8^1 + 9^3$
24528 := $0^8 + 1^9 + 2^5 + 3^7 + 4^3 + 5^6 + 6^0 + 7^2 + 8^1 + 9^4$
24529 := $0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1$
24530 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1$
24531 := $0^5 + 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$
24532 := $0^7 + 1^8 + 2^9 + 3^2 + 4^4 + 5^6 + 6^5 + 7^3 + 8^0 + 9^1$
24533 := $0^5 + 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^4 + 7^0 + 8^3 + 9^1$
24534 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$
24535 := $0^7 - 1^8 + 2^6 + 3^9 + 4^2 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0$
24536 := $0^7 - 1^8 + 2^6 + 3^9 + 4^2 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1$
24537 := $0^7 + 1^8 + 2^6 + 3^9 + 4^2 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0$
24538 := $0^7 + 1^8 + 2^6 + 3^9 + 4^2 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1$
24539 := $0^8 - 1^9 + 2^5 + 3^7 + 4^3 + 5^6 + 6^1 + 7^0 + 8^2 + 9^4$
24540 := $0^7 + 1^9 + 2^8 + 3^4 + 4^0 + 5^6 + 6^5 + 7^1 + 8^2 + 9^3$
24541 := $0^8 + 1^9 + 2^5 + 3^7 + 4^3 + 5^6 + 6^1 + 7^0 + 8^2 + 9^4$
24542 := $0^8 + 1^9 + 2^5 + 3^7 + 4^3 + 5^6 + 6^0 + 7^1 + 8^2 + 9^4$
24543 := $0^6 + 1^8 - 2^7 + 3^9 + 4^1 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0$
24544 := $0^6 - 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
24545 := $0^7 - 1^8 - 2^9 + 3^3 + 4^6 + 5^2 + 6^1 + 7^5 + 8^4 + 9^0$
24546 := $0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
24547 := $0^6 - 1^8 + 2^9 + 3^0 + 4^7 + 5^5 + 6^1 + 7^3 + 8^4 + 9^2$
24548 := $0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^3 + 6^0 + 7^5 + 8^2 + 9^4$
24549 := $0^6 + 1^8 + 2^9 + 3^0 + 4^7 + 5^5 + 6^1 + 7^3 + 8^4 + 9^2$
24550 := $0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^3 + 6^1 + 7^5 + 8^2 + 9^4$
24551 := $0^6 - 1^9 + 2^7 + 3^8 + 4^4 + 5^0 + 6^1 + 7^5 + 8^2 + 9^3$
24552 := $0^6 + 1^9 + 2^7 + 3^8 + 4^4 + 5^1 + 6^0 + 7^5 + 8^2 + 9^3$
24553 := $0^6 + 1^9 + 2^7 + 3^8 + 4^4 + 5^0 + 6^1 + 7^5 + 8^2 + 9^3$
24554 := $0^5 - 1^9 - 2^6 + 3^8 + 4^7 + 5^2 + 6^4 + 7^3 + 8^0 + 9^1$
24555 := $0^3 + 1^7 - 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^1 + 8^2 + 9^4$
24556 := $0^5 + 1^9 - 2^6 + 3^8 + 4^7 + 5^2 + 6^4 + 7^3 + 8^0 + 9^1$

24557 := $0^1 + 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$
24558 := $0^7 + 1^9 - 2^3 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$
24559 := $0^5 - 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$
24560 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4$
24561 := $0^5 + 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$
24562 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4$
24563 := $0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0$
24564 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^0 + 7^3 + 8^1 + 9^4$
24565 := $0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^4 + 9^1$
24566 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2$
24567 := $0^5 + 1^8 - 2^7 + 3^9 + 4^6 + 5^4 + 6^3 + 7^0 + 8^2 + 9^1$
24568 := $0^8 + 1^9 + 2^7 + 3^1 + 4^4 + 5^6 + 6^5 + 7^2 + 8^0 + 9^3$
24569 := $0^9 - 1^0 + 2^8 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2$
24570 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2$
24571 := $0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2$
24572 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2$
24573 := $0^7 + 1^9 + 2^3 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^0$
24574 := $0^7 + 1^9 + 2^3 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$
24575 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4$
24576 := $0^6 - 1^8 - 2^7 + 3^9 + 4^0 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$
24577 := $0^8 - 1^9 + 2^1 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^0$
24578 := $0^6 + 1^8 - 2^7 + 3^9 + 4^0 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$
24579 := $0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^0$
24580 := $0^5 + 1^7 - 2^8 + 3^9 + 4^6 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2$
24581 := $0^7 + 1^8 + 2^6 + 3^9 + 4^1 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
24582 := $0^5 + 1^7 - 2^8 + 3^9 + 4^6 + 5^4 + 6^0 + 7^3 + 8^1 + 9^2$
24583 := $0^8 + 1^9 + 2^7 + 3^1 + 4^4 + 5^6 + 6^5 + 7^0 + 8^2 + 9^3$
24584 := $0^7 - 1^8 + 2^6 + 3^9 + 4^0 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
24585 := $0^7 - 1^8 + 2^9 + 3^0 + 4^4 + 5^6 + 6^5 + 7^3 + 8^2 + 9^1$
24586 := $0^7 + 1^8 + 2^6 + 3^9 + 4^0 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
24587 := $0^7 + 1^8 + 2^9 + 3^0 + 4^4 + 5^6 + 6^5 + 7^3 + 8^2 + 9^1$
24588 := $0^6 + 1^9 - 2^5 + 3^8 + 4^7 + 5^2 + 6^4 + 7^3 + 8^0 + 9^1$
24589 := $0^7 + 1^9 + 2^3 + 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^2 + 9^1$
24590 := $0^7 - 1^9 + 2^8 + 3^6 + 4^2 + 5^1 + 6^3 + 7^5 + 8^0 + 9^4$
24591 := $0^5 - 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$
24592 := $0^7 + 1^9 + 2^8 + 3^6 + 4^2 + 5^1 + 6^3 + 7^5 + 8^0 + 9^4$
24593 := $0^5 + 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$
24594 := $0^5 - 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2$
24595 := $0^7 + 1^9 + 2^8 + 3^6 + 4^2 + 5^0 + 6^3 + 7^5 + 8^1 + 9^4$
24596 := $0^5 + 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2$
24597 := $0^8 - 1^9 - 2^1 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$
24598 := $0^7 + 1^8 + 2^6 + 3^9 + 4^1 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$
24599 := $0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4$
24600 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$
24601 := $0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4$
24602 := $0^6 + 1^8 + 2^7 + 3^9 + 4^2 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1$
24603 := $0^7 + 1^8 + 2^9 + 3^0 + 4^4 + 5^6 + 6^5 + 7^3 + 8^1 + 9^2$
24604 := $0^7 + 1^9 + 2^3 + 3^8 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$
24605 := $0^7 + 1^9 + 2^3 + 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$

24606 := $0^6 - 1^9 + 2^8 + 3^2 + 4^7 + 5^5 + 6^0 + 7^1 + 8^4 + 9^3$
24607 := $0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^5 + 6^1 + 7^0 + 8^4 + 9^3$
24608 := $0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^5 + 6^0 + 7^1 + 8^4 + 9^3$
24609 := $0^7 - 1^9 + 2^6 + 3^8 + 4^1 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$
24610 := $0^8 + 1^9 + 2^0 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
24611 := $0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$
24612 := $0^5 + 1^9 - 2^7 + 3^8 + 4^3 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$
24613 := $0^6 - 1^7 + 2^9 + 3^8 + 4^3 + 5^4 + 6^2 + 7^5 + 8^1 + 9^0$
24614 := $0^6 - 1^7 + 2^9 + 3^8 + 4^3 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1$
24615 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^4 + 6^2 + 7^5 + 8^1 + 9^0$
24616 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1$
24617 := $0^2 + 1^7 - 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$
24618 := $0^6 + 1^9 - 2^7 + 3^8 + 4^2 + 5^4 + 6^1 + 7^5 + 8^0 + 9^3$
24619 := $0^8 - 1^9 + 2^1 - 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$
24620 := $0^6 + 1^9 - 2^7 + 3^8 + 4^2 + 5^4 + 6^0 + 7^5 + 8^1 + 9^3$
24621 := $0^6 - 1^9 - 2^5 + 3^8 + 4^7 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$
24622 := $0^1 - 1^8 + 2^0 - 3^9 + 4^7 + 5^6 + 6^5 + 7^3 + 8^4 + 9^2$
24623 := $0^6 + 1^9 - 2^5 + 3^8 + 4^7 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$
24624 := $0^1 + 1^8 + 2^0 - 3^9 + 4^7 + 5^6 + 6^5 + 7^3 + 8^4 + 9^2$
24625 := $0^6 - 1^9 - 2^5 + 3^8 + 4^7 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$
24626 := $0^0 + 1^8 + 2^1 - 3^9 + 4^7 + 5^6 + 6^5 + 7^3 + 8^4 + 9^2$
24627 := $0^6 + 1^9 - 2^5 + 3^8 + 4^7 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$
24628 := $0^1 - 1^8 - 2^9 + 3^7 + 4^6 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$
24629 := $0^6 - 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3$
24630 := $0^1 + 1^8 - 2^9 + 3^7 + 4^6 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$
24631 := $0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3$
24632 := $0^6 + 1^7 - 2^8 + 3^9 + 4^1 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3$
24633 := $0^3 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$
24634 := $0^5 + 1^7 - 2^9 + 3^8 + 4^0 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1$
24635 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$
24636 := $0^6 + 1^7 - 2^8 + 3^9 + 4^0 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$
24637 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^0 + 8^4 + 9^1$
24638 := $0^7 - 1^9 + 2^8 + 3^6 + 4^0 + 5^1 + 6^3 + 7^5 + 8^2 + 9^4$
24639 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0$
24640 := $0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^1 + 6^3 + 7^5 + 8^2 + 9^4$
24641 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^4 + 6^2 + 7^0 + 8^3 + 9^1$
24642 := $0^6 - 1^7 + 2^9 + 3^8 + 4^3 + 5^4 + 6^0 + 7^5 + 8^2 + 9^1$
24643 := $0^6 - 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
24644 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^4 + 6^0 + 7^5 + 8^2 + 9^1$
24645 := $0^6 + 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
24646 := $0^8 + 1^9 + 2^5 + 3^7 + 4^2 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4$
24647 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
24648 := $0^3 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
24649 := $0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$
24650 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
24651 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0$
24652 := $0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^2 + 6^4 + 7^3 + 8^0 + 9^1$
24653 := $0^2 + 1^9 - 2^8 + 3^7 + 4^6 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1$
24654 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1$

$24655 := 0^6 - 1^9 + 2^7 + 3^8 + 4^2 + 5^4 + 6^1 + 7^5 + 8^3 + 9^0$	$24704 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$	$24753 := 0^5 - 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^1 + 7^2 + 8^3 + 9^4$
$24656 := 0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2$	$24705 := 0^7 + 1^8 + 2^6 + 3^9 + 4^2 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$	$24754 := 0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4$
$24657 := 0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^4 + 6^1 + 7^5 + 8^3 + 9^0$	$24706 := 0^7 + 1^8 + 2^9 + 3^6 + 4^3 + 5^2 + 6^1 + 7^5 + 8^0 + 9^4$	$24755 := 0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^1 + 7^2 + 8^3 + 9^4$
$24658 := 0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$	$24707 := 0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^1 + 8^2 + 9^0$	$24756 := 0^7 - 1^8 + 2^9 + 3^6 + 4^2 + 5^3 + 6^1 + 7^5 + 8^0 + 9^4$
$24659 := 0^7 - 1^9 + 2^8 + 3^2 + 4^4 + 5^6 + 6^5 + 7^0 + 8^1 + 9^3$	$24708 := 0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^0 + 9^3$	$24757 := 0^6 + 1^9 - 2^5 + 3^8 + 4^7 + 5^2 + 6^4 + 7^0 + 8^3 + 9^1$
$24660 := 0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^4 + 6^0 + 7^5 + 8^1 + 9^2$	$24709 := 0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^2 + 9^1$	$24758 := 0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^3 + 6^1 + 7^5 + 8^0 + 9^4$
$24661 := 0^7 + 1^9 + 2^8 + 3^2 + 4^4 + 5^6 + 6^5 + 7^0 + 8^1 + 9^3$	$24710 := 0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^0 + 7^5 + 8^1 + 9^3$	$24759 := 0^8 - 1^9 + 2^7 + 3^6 + 4^2 + 5^0 + 6^1 + 7^5 + 8^3 + 9^4$
$24662 := 0^6 + 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$	$24711 := 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^4 + 6^3 + 7^2 + 8^1 + 9^0$	$24760 := 0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^3 + 6^0 + 7^5 + 8^1 + 9^4$
$24663 := 0^7 + 1^8 - 2^5 + 3^9 + 4^6 + 5^4 + 6^3 + 7^0 + 8^2 + 9^1$	$24712 := 0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$	$24761 := 0^8 + 1^9 + 2^7 + 3^6 + 4^2 + 5^0 + 6^1 + 7^5 + 8^3 + 9^4$
$24664 := 0^6 - 1^8 + 2^7 + 3^9 + 4^0 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$	$24713 := 0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^0$	$24762 := 0^8 + 1^9 + 2^1 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
$24665 := 0^5 + 1^8 - 2^7 + 3^9 + 4^6 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$	$24714 := 0^7 - 1^8 + 2^9 + 3^6 + 4^3 + 5^1 + 6^2 + 7^5 + 8^0 + 9^4$	$24763 := 0^5 - 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^1 + 7^0 + 8^2 + 9^4$
$24666 := 0^6 + 1^8 + 2^7 + 3^9 + 4^0 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$	$24715 := 0^7 + 1^9 + 2^8 + 3^0 + 4^4 + 5^6 + 6^5 + 7^1 + 8^2 + 9^3$	$24764 := 0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$
$24667 := 0^1 - 1^8 - 2^9 + 3^7 + 4^6 + 5^0 + 6^4 + 7^5 + 8^2 + 9^3$	$24716 := 0^7 + 1^8 + 2^9 + 3^6 + 4^3 + 5^1 + 6^2 + 7^5 + 8^0 + 9^4$	$24765 := 0^5 + 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^1 + 7^0 + 8^2 + 9^4$
$24668 := -0^0 + 1^9 + 2^8 - 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^2 + 9^3$	$24717 := 0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^4 + 7^5 + 8^2 + 9^1$	$24766 := 0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$
$24669 := 0^1 + 1^8 - 2^9 + 3^7 + 4^6 + 5^0 + 6^4 + 7^5 + 8^2 + 9^3$	$24718 := 0^6 - 1^9 + 2^7 + 3^8 + 4^1 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2$	$24767 := 0^7 + 1^8 + 2^6 + 3^9 + 4^1 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2$
$24670 := -0^0 - 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$	$24719 := 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$	$24768 := 0^8 + 1^9 + 2^7 + 3^6 + 4^1 + 5^2 + 6^0 + 7^5 + 8^3 + 9^4$
$24671 := 0^5 + 1^9 - 2^8 + 3^7 + 4^1 + 5^6 + 6^2 + 7^0 + 8^3 + 9^4$	$24720 := 0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2$	$24769 := 0^6 + 1^8 + 2^7 + 3^9 + 4^2 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$
$24672 := -0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$	$24721 := 0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$	$24770 := 0^7 + 1^8 + 2^6 + 3^9 + 4^0 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$
$24673 := 0^6 - 1^9 + 2^7 + 3^8 + 4^1 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$	$24722 := 0^6 + 1^9 + 2^7 + 3^8 + 4^0 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2$	$24771 := 0^6 + 1^8 + 2^7 + 3^9 + 4^2 + 5^5 + 6^4 + 7^0 + 8^3 + 9^1$
$24674 := 0^8 - 1^9 + 2^5 + 3^7 + 4^1 + 5^6 + 6^3 + 7^2 + 8^0 + 9^4$	$24723 := 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$	$24772 := 0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^2 + 9^3$
$24675 := 0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$	$24724 := 0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2$	$24773 := 0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
$24676 := 0^8 + 1^9 + 2^5 + 3^7 + 4^1 + 5^6 + 6^3 + 7^2 + 8^0 + 9^4$	$24725 := 0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2$	$24774 := 0^7 + 1^9 + 2^5 + 3^8 + 4^3 + 5^6 + 6^0 + 7^4 + 8^1 + 9^2$
$24677 := 0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^4 + 7^5 + 8^1 + 9^0$	$24726 := 0^8 + 1^9 - 2^5 + 3^7 + 4^1 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4$	$24775 := 0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$
$24678 := 0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^4 + 7^5 + 8^0 + 9^1$	$24727 := 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^4 + 6^3 + 7^0 + 8^2 + 9^1$	$24776 := 0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^3 + 6^2 + 7^5 + 8^0 + 9^4$
$24679 := 0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$	$24728 := 0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^0 + 9^2$	$24777 := 0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$
$24680 := 0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$	$24729 := 0^6 + 1^7 + 2^8 + 3^9 + 4^2 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0$	$24778 := 0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$
$24681 := 0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^2 + 6^1 + 7^5 + 8^3 + 9^0$	$24730 := 0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^0 + 9^2$	$24779 := 0^8 + 1^9 + 2^7 + 3^6 + 4^1 + 5^0 + 6^2 + 7^5 + 8^3 + 9^4$
$24682 := 0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^3 + 6^5 + 7^2 + 8^0 + 9^1$	$24731 := 0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^1 + 7^0 + 8^3 + 9^4$	$24780 := 0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^3 + 6^2 + 7^5 + 8^1 + 9^4$
$24683 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^4 + 6^1 + 7^0 + 8^3 + 9^2$	$24732 := 0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$	$24781 := 0^6 + 1^9 - 2^5 + 3^8 + 4^7 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$
$24684 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^4 + 6^0 + 7^1 + 8^3 + 9^2$	$24733 := 0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^4 + 7^5 + 8^1 + 9^2$	$24782 := 0^5 + 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$
$24685 := 0^6 - 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$	$24734 := 0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$	$24783 := 0^8 - 1^0 + 2^9 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1$
$24686 := 0^5 + 1^9 - 2^8 + 3^7 + 4^0 + 5^6 + 6^1 + 7^2 + 8^3 + 9^4$	$24735 := 0^7 + 1^8 + 2^6 + 3^9 + 4^1 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0$	$24784 := -0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1$
$24687 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$	$24736 := 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$	$24785 := 0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1$
$24688 := 0^6 + 1^9 - 2^7 + 3^8 + 4^2 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$	$24737 := 0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2$	$24786 := 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1$
$24689 := 0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$	$24738 := 0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$	$24787 := 0^1 + 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$
$24690 := 0^8 - 1^9 + 2^2 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1$	$24739 := 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^0 + 6^4 + 7^3 + 8^1 + 9^2$	$24788 := 0^6 - 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$
$24691 := 0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^1 + 6^2 + 7^5 + 8^3 + 9^0$	$24740 := 0^7 + 1^8 + 2^6 + 3^9 + 4^0 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$	$24789 := 0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0$
$24692 := 0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1$	$24741 := 0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$	$24790 := 0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$
$24693 := 0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^0$	$24742 := 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$	$24791 := 0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0$
$24694 := 0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1$	$24743 := 0^5 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^2 + 7^1 + 8^3 + 9^4$	$24792 := 0^6 - 1^7 + 2^8 + 3^9 + 4^0 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$
$24695 := 0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$	$24744 := 0^7 + 1^8 + 2^9 + 3^6 + 4^3 + 5^1 + 6^0 + 7^5 + 8^2 + 9^4$	$24793 := 0^5 + 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3$
$24696 := 0^7 + 1^9 + 2^8 + 3^1 + 4^4 + 5^6 + 6^5 + 7^2 + 8^0 + 9^3$	$24745 := 0^7 + 1^8 + 2^9 + 3^6 + 4^3 + 5^0 + 6^1 + 7^5 + 8^2 + 9^4$	$24794 := 0^6 + 1^7 + 2^8 + 3^9 + 4^0 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$
$24697 := 0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^3 + 6^5 + 7^0 + 8^2 + 9^1$	$24746 := 0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3$	$24795 := 0^4 + 1^8 - 2^9 + 3^6 + 4^7 + 5^0 + 6^5 + 7^3 + 8^2 + 9^1$
$24698 := 0^7 + 1^8 - 2^9 + 3^1 + 4^6 + 5^3 + 6^0 + 7^5 + 8^4 + 9^2$	$24747 := 0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^0$	$24796 := 0^5 + 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^4 + 7^1 + 8^2 + 9^3$
$24699 := 0^7 + 1^8 + 2^9 + 3^2 + 4^4 + 5^6 + 6^5 + 7^1 + 8^3 + 9^0$	$24748 := 0^5 + 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3$	$24797 := 0^6 - 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0$
$24700 := 0^6 + 1^7 - 2^9 + 3^8 + 4^0 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1$	$24749 := 0^5 + 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$	$24798 := 0^7 + 1^9 - 2^5 + 3^8 + 4^2 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1$
$24701 := 0^7 + 1^8 + 2^9 + 3^2 + 4^4 + 5^6 + 6^5 + 7^0 + 8^3 + 9^1$	$24750 := 0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$	$24799 := 0^6 + 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0$
$24702 := 0^6 - 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$	$24751 := 0^6 + 1^7 - 2^9 + 3^8 + 4^1 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2$	$24800 := 0^7 + 1^9 - 2^6 + 3^8 + 4^0 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$
$24703 := 0^7 - 1^8 + 2^6 + 3^9 + 4^2 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$	$24752 := 0^5 + 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^0 + 7^2 + 8^1 + 9^4$	$24801 := 0^6 - 1^8 - 2^9 + 3^2 + 4^7 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0$

24802 := $0^6 - 1^8 + 2^7 + 3^9 + 4^0 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
24803 := $0^6 + 1^8 - 2^9 + 3^2 + 4^7 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0$
24804 := $0^6 + 1^8 + 2^7 + 3^9 + 4^0 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
24805 := $0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^3 + 7^2 + 8^1 + 9^0$
24806 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^3 + 6^1 + 7^5 + 8^2 + 9^4$
24807 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^3 + 7^2 + 8^1 + 9^0$
24808 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^3 + 7^2 + 8^0 + 9^1$
24809 := $0^6 + 1^9 - 2^5 + 3^8 + 4^7 + 5^1 + 6^4 + 7^0 + 8^3 + 9^2$
24810 := $0^7 + 1^9 + 2^6 + 3^8 + 4^2 + 5^4 + 6^1 + 7^5 + 8^0 + 9^3$
24811 := $0^4 + 1^8 - 2^9 + 3^6 + 4^7 + 5^0 + 6^5 + 7^3 + 8^1 + 9^2$
24812 := $0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$
24813 := $0^2 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0$
24814 := $0^2 - 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^4 + 9^3$
24815 := $0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0$
24816 := $0^8 - 1^9 + 2^5 + 3^7 + 4^1 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4$
24817 := $0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^4 + 9^1$
24818 := $0^8 + 1^9 + 2^5 + 3^7 + 4^1 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4$
24819 := $0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^2 + 6^4 + 7^1 + 8^3 + 9^0$
24820 := $0^8 + 1^9 + 2^5 + 3^7 + 4^0 + 5^6 + 6^1 + 7^3 + 8^2 + 9^4$
24821 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^3 + 7^1 + 8^2 + 9^0$
24822 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2$
24823 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^3 + 7^0 + 8^2 + 9^1$
24824 := $0^5 - 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
24825 := $0^5 + 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^2 + 7^4 + 8^1 + 9^0$
24826 := $0^5 + 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
24827 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^2 + 6^4 + 7^5 + 8^1 + 9^0$
24828 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2$
24829 := $0^6 - 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2$
24830 := $0^7 - 1^9 + 2^6 + 3^8 + 4^0 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3$
24831 := $0^6 + 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2$
24832 := $0^7 + 1^9 + 2^6 + 3^8 + 4^0 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3$
24833 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^0$
24834 := $0^6 + 1^8 + 2^7 + 3^9 + 4^0 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$
24835 := $0^2 + 1^7 - 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4$
24836 := $0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$
24837 := $0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2$
24838 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2$
24839 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2$
24840 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$
24841 := $0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^4 + 7^2 + 8^3 + 9^0$
24842 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$
24843 := $0^6 - 1^9 + 2^5 + 3^8 + 4^7 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$
24844 := $0^5 - 1^7 - 2^9 + 3^8 + 4^1 + 5^6 + 6^2 + 7^4 + 8^0 + 9^3$
24845 := $0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$
24846 := $0^7 - 1^8 + 2^9 + 3^6 + 4^2 + 5^1 + 6^3 + 7^5 + 8^0 + 9^4$
24847 := $0^6 + 1^8 - 2^7 + 3^9 + 4^5 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1$
24848 := $0^7 + 1^8 + 2^9 + 3^6 + 4^2 + 5^1 + 6^3 + 7^5 + 8^0 + 9^4$
24849 := $0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^2 + 6^4 + 7^1 + 8^3 + 9^0$
24850 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^0 + 9^2$

24851 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^2 + 6^4 + 7^1 + 8^3 + 9^0$
24852 := $0^5 - 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^0 + 7^4 + 8^2 + 9^1$
24853 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^2 + 6^4 + 7^0 + 8^3 + 9^1$
24854 := $0^5 + 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^0 + 7^4 + 8^2 + 9^1$
24855 := $0^1 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$
24856 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^4 + 6^2 + 7^1 + 8^0 + 9^3$
24857 := $0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$
24858 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^1 + 9^2$
24859 := $0^7 - 1^9 + 2^5 + 3^8 + 4^2 + 5^6 + 6^3 + 7^4 + 8^1 + 9^0$
24860 := $0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^2 + 6^3 + 7^5 + 8^1 + 9^4$
24861 := $0^7 + 1^9 + 2^5 + 3^8 + 4^2 + 5^6 + 6^3 + 7^4 + 8^1 + 9^0$
24862 := $0^7 + 1^9 + 2^5 + 3^8 + 4^2 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1$
24863 := $0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^5 + 6^1 + 7^0 + 8^4 + 9^3$
24864 := $0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^5 + 6^0 + 7^1 + 8^4 + 9^3$
24865 := $0^9 + 1^0 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
24866 := $0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
24867 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^0 + 6^4 + 7^5 + 8^2 + 9^1$
24868 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3$
24869 := $0^5 - 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4$
24870 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^4 + 6^0 + 7^2 + 8^1 + 9^3$
24871 := $0^5 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4$
24872 := $0^6 - 1^9 + 2^7 + 3^8 + 4^2 + 5^4 + 6^1 + 7^5 + 8^0 + 9^3$
24873 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^1 + 6^4 + 7^2 + 8^3 + 9^0$
24874 := $0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^4 + 6^1 + 7^5 + 8^0 + 9^3$
24875 := $0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^0 + 6^4 + 7^1 + 8^3 + 9^2$
24876 := $0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^4 + 6^0 + 7^5 + 8^1 + 9^3$
24877 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$
24878 := $0^7 - 1^9 + 2^6 + 3^8 + 4^2 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$
24879 := $0^7 + 1^9 + 2^6 + 3^8 + 4^2 + 5^3 + 6^4 + 7^5 + 8^1 + 9^0$
24880 := $0^7 + 1^9 + 2^6 + 3^8 + 4^2 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$
24881 := $0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^4 + 6^1 + 7^0 + 8^2 + 9^3$
24882 := $0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^4 + 6^0 + 7^1 + 8^2 + 9^3$
24883 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^4 + 6^1 + 7^0 + 8^2 + 9^3$
24884 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^4 + 6^0 + 7^1 + 8^2 + 9^3$
24885 := $0^6 - 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3$
24886 := $0^7 - 1^9 + 2^8 + 3^6 + 4^2 + 5^1 + 6^0 + 7^5 + 8^3 + 9^4$
24887 := $0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3$
24888 := $0^7 + 1^9 + 2^8 + 3^6 + 4^2 + 5^1 + 6^0 + 7^5 + 8^3 + 9^4$
24889 := $0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2$
24890 := $0^6 - 1^9 + 2^7 + 3^8 + 4^1 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$
24891 := $0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$
24892 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$
24893 := $0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^0 + 8^4 + 9^1$
24894 := $-0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$
24895 := $0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^0 + 6^3 + 7^5 + 8^2 + 9^4$
24896 := $0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$
24897 := $0^6 + 1^7 + 2^8 + 3^9 + 4^2 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$
24898 := $0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^2 + 6^1 + 7^5 + 8^0 + 9^3$
24899 := $0^6 + 1^7 + 2^8 + 3^9 + 4^2 + 5^5 + 6^4 + 7^0 + 8^3 + 9^1$

24900 := $0^5 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^3 + 7^2 + 8^0 + 9^4$
24901 := $0^3 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
24902 := $0^5 - 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^3 + 7^2 + 8^1 + 9^4$
24903 := $0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
24904 := $0^5 + 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^3 + 7^2 + 8^1 + 9^4$
24905 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^1 + 6^4 + 7^0 + 8^3 + 9^2$
24906 := $0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
24907 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^0 + 6^4 + 7^1 + 8^3 + 9^2$
24908 := $0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^1 + 6^2 + 7^5 + 8^0 + 9^3$
24909 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^3 + 9^0$
24910 := $0^7 + 1^9 + 2^5 + 3^8 + 4^0 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1$
24911 := $0^6 + 1^7 + 2^9 + 3^8 + 4^4 + 5^0 + 6^2 + 7^5 + 8^1 + 9^3$
24912 := $0^6 + 1^7 - 2^9 + 3^8 + 4^1 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$
24913 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1$
24914 := $0^7 - 1^8 + 2^9 + 3^2 + 4^4 + 5^6 + 6^5 + 7^1 + 8^0 + 9^3$
24915 := $0^5 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^3 + 7^0 + 8^2 + 9^4$
24916 := $0^7 + 1^8 + 2^9 + 3^2 + 4^4 + 5^6 + 6^5 + 7^1 + 8^0 + 9^3$
24917 := $0^7 + 1^8 + 2^9 + 3^2 + 4^4 + 5^6 + 6^5 + 7^0 + 8^1 + 9^3$
24918 := $0^5 + 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^3 + 7^1 + 8^2 + 9^4$
24919 := $0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$
24920 := $0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$
24921 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0$
24922 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1$
24923 := $0^7 + 1^8 + 2^6 + 3^9 + 4^2 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3$
24924 := $0^7 + 1^9 + 2^0 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$
24925 := $0^6 - 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0$
24926 := $0^7 + 1^9 + 2^5 + 3^8 + 4^0 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2$
24927 := $0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0$
24928 := $0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^1 + 6^5 + 7^3 + 8^0 + 9^2$
24929 := $0^6 - 1^9 + 2^7 + 3^8 + 4^3 + 5^0 + 6^4 + 7^5 + 8^2 + 9^1$
24930 := $0^6 - 1^7 + 2^8 + 3^9 + 4^0 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
24931 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^0 + 6^4 + 7^5 + 8^2 + 9^1$
24932 := $0^6 + 1^7 + 2^8 + 3^9 + 4^0 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
24933 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^4 + 7^5 + 8^1 + 9^0$
24934 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^4 + 7^5 + 8^0 + 9^1$
24935 := $0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$
24936 := $0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$
24937 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$
24938 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$
24939 := $0^2 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$
24940 := $0^7 + 1^9 + 2^0 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$
24941 := $0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$
24942 := $0^8 + 1^9 + 2^5 + 3^7 + 4^2 + 5^6 + 6^0 + 7^1 + 8^3 + 9^4$
24943 := $0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^3 + 6^4 + 7^5 + 8^1 + 9^0$
24944 := $0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1$
24945 := $0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$
24946 := $-0^0 - 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$
24947 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0$
24948 := $0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1$

$$\begin{aligned}
 24949 &:= 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^3 + 7^1 + 8^2 + 9^0 \\
 24950 &:= 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^0 + 7^3 + 8^2 + 9^1 \\
 24951 &:= 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^3 + 6^4 + 7^1 + 8^2 + 9^0 \\
 24952 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^1 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3 \\
 24953 &:= 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^3 + 6^4 + 7^0 + 8^2 + 9^1 \\
 24954 &:= 0^7 - 1^8 + 2^6 + 3^9 + 4^0 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3 \\
 24955 &:= 0^5 - 1^9 + 2^7 + 3^8 + 4^2 + 5^6 + 6^3 + 7^4 + 8^1 + 9^0 \\
 24956 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^0 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3 \\
 24957 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^2 + 5^6 + 6^3 + 7^4 + 8^1 + 9^0 \\
 24958 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^2 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1 \\
 24959 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2 \\
 24960 &:= 0^6 - 1^7 + 2^8 + 3^9 + 4^0 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2 \\
 24961 &:= 0^6 - 1^9 - 2^8 + 3^0 + 4^7 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2 \\
 24962 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^0 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2 \\
 24963 &:= 0^6 + 1^9 - 2^8 + 3^0 + 4^7 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2 \\
 24964 &:= 0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^0 + 9^3 \\
 24965 &:= 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2 \\
 24966 &:= 0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^0 + 7^5 + 8^1 + 9^3 \\
 24967 &:= 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^3 + 7^0 + 8^1 + 9^2 \\
 24968 &:= 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2 \\
 24969 &:= 0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^0 \\
 24970 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^0 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3 \\
 24971 &:= 0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0 \\
 24972 &:= 0^8 + 1^9 + 2^5 + 3^7 + 4^1 + 5^6 + 6^0 + 7^2 + 8^3 + 9^4 \\
 24973 &:= 0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^4 + 7^5 + 8^2 + 9^1 \\
 24974 &:= 0^8 + 1^9 + 2^5 + 3^7 + 4^0 + 5^6 + 6^1 + 7^2 + 8^3 + 9^4 \\
 24975 &:= 0^7 + 1^9 - 2^8 + 3^2 + 4^6 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0 \\
 24976 &:= -0^0 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1 \\
 24977 &:= 0^9 - 1^0 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1 \\
 24978 &:= -0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1 \\
 24979 &:= 0^9 + 1^0 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1 \\
 24980 &:= 0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1 \\
 24981 &:= 0^8 - 1^9 + 2^1 + 3^7 + 4^6 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2 \\
 24982 &:= 0^8 - 1^9 - 2^0 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2 \\
 24983 &:= 0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2 \\
 24984 &:= 0^3 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^0 + 9^2 \\
 24985 &:= 0^2 - 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^0 \\
 24986 &:= 0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^0 + 9^2 \\
 24987 &:= 0^2 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^0 \\
 24988 &:= 0^2 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1 \\
 24989 &:= 0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^4 + 7^5 + 8^1 + 9^2 \\
 24990 &:= 0^6 - 1^9 + 2^7 + 3^8 + 4^0 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1 \\
 24991 &:= 0^7 - 1^8 + 2^5 + 3^9 + 4^6 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0 \\
 24992 &:= 0^6 + 1^9 + 2^7 + 3^8 + 4^0 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1 \\
 24993 &:= 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0 \\
 24994 &:= 0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3 \\
 24995 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^2 + 7^0 + 8^1 + 9^4 \\
 24996 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^1 + 7^3 + 8^0 + 9^4 \\
 24997 &:= 0^6 + 1^9 - 2^5 + 3^8 + 4^7 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3 \\
 24998 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^0 + 7^3 + 8^1 + 9^4 \\
 24999 &:= 0^5 - 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^3 + 7^4 + 8^2 + 9^0 \\
 25000 &:= -0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3 \\
 25001 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^3 + 7^4 + 8^2 + 9^0 \\
 25002 &:= 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3 \\
 25003 &:= 0^7 - 1^8 + 2^5 + 3^9 + 4^6 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0 \\
 25004 &:= 0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^3 + 6^4 + 7^5 + 8^0 + 9^2 \\
 25005 &:= 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0 \\
 25006 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^1 + 7^2 + 8^0 + 9^4 \\
 25007 &:= 0^6 - 1^9 - 2^5 + 3^8 + 4^7 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3 \\
 25008 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^0 + 7^2 + 8^1 + 9^4 \\
 25009 &:= 0^6 + 1^9 - 2^5 + 3^8 + 4^7 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3 \\
 25010 &:= 0^4 - 1^9 - 2^8 + 3^6 + 4^7 + 5^2 + 6^5 + 7^3 + 8^0 + 9^1 \\
 25011 &:= 0^4 + 1^9 - 2^8 + 3^6 + 4^7 + 5^2 + 6^5 + 7^3 + 8^1 + 9^0 \\
 25012 &:= 0^5 - 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4 \\
 25013 &:= 0^5 + 1^9 - 2^7 + 3^8 + 4^1 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0 \\
 25014 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4 \\
 25015 &:= 0^7 + 1^8 - 2^6 + 3^9 + 4^5 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1 \\
 25016 &:= 0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2 \\
 25017 &:= 0^5 + 1^7 - 2^8 + 3^9 + 4^6 + 5^3 + 6^4 + 7^1 + 8^2 + 9^0 \\
 25018 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2 \\
 25019 &:= 0^5 - 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^1 + 7^0 + 8^2 + 9^4 \\
 25020 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^0 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3 \\
 25021 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^1 + 7^0 + 8^2 + 9^4 \\
 25022 &:= 0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^4 + 9^2 \\
 25023 &:= 0^7 + 1^9 - 2^2 + 3^8 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0 \\
 25024 &:= -0^0 - 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^2 + 9^3 \\
 25025 &:= 0^8 - 1^0 + 2^9 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^2 + 9^3 \\
 25026 &:= -0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^2 + 9^3 \\
 25027 &:= 0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^2 + 9^3 \\
 25028 &:= 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^4 + 6^1 + 7^5 + 8^2 + 9^3 \\
 25029 &:= 0^6 - 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3 \\
 25030 &:= 0^1 + 1^8 + 2^6 + 3^5 - 4^9 + 5^2 + 6^7 + 7^3 + 8^0 + 9^4 \\
 25031 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3 \\
 25032 &:= 0^2 - 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1 \\
 25033 &:= 0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^1 + 9^0 \\
 25034 &:= 0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1 \\
 25035 &:= 0^6 - 1^9 + 2^5 + 3^8 + 4^7 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3 \\
 25036 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^2 + 6^4 + 7^1 + 8^0 + 9^3 \\
 25037 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3 \\
 25038 &:= 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^4 + 6^0 + 7^1 + 8^3 + 9^2 \\
 25039 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1 \\
 25040 &:= 0^5 - 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4 \\
 25041 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^4 + 6^1 + 7^5 + 8^3 + 9^0 \\
 25042 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4 \\
 25043 &:= 0^1 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0 \\
 25044 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^1 + 7^3 + 8^2 + 9^4 \\
 25045 &:= 0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^2 + 6^5 + 7^0 + 8^3 + 9^1 \\
 25046 &:= 0^5 - 1^6 - 2^9 + 3^8 + 4^7 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2 \\
 25047 &:= 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0 \\
 25048 &:= 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1 \\
 25049 &:= 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^2 + 7^3 + 8^1 + 9^0 \\
 25050 &:= 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^2 + 7^3 + 8^0 + 9^1 \\
 25051 &:= 0^9 + 1^0 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1 \\
 25052 &:= 0^0 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1 \\
 25053 &:= 0^2 - 1^8 - 2^9 - 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4 \\
 25054 &:= 0^6 + 1^8 - 2^7 + 3^9 + 4^5 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1 \\
 25055 &:= 0^1 - 1^9 - 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4 \\
 25056 &:= 0^6 - 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3 \\
 25057 &:= 0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0 \\
 25058 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3 \\
 25059 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0 \\
 25060 &:= 0^1 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2 \\
 25061 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3 \\
 25062 &:= 0^6 - 1^7 + 2^9 + 3^8 + 4^0 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1 \\
 25063 &:= 0^6 - 1^9 + 2^8 + 3^4 + 4^7 + 5^1 + 6^5 + 7^2 + 8^3 + 9^0 \\
 25064 &:= 0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1 \\
 25065 &:= 0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^1 + 6^5 + 7^2 + 8^3 + 9^0 \\
 25066 &:= -0^0 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2 \\
 25067 &:= 0^9 + 1^0 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2 \\
 25068 &:= 0^0 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2 \\
 25069 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3 \\
 25070 &:= 0^3 + 1^6 + 2^5 + 3^8 - 4^9 + 5^4 + 6^7 + 7^2 + 8^0 + 9^1 \\
 25071 &:= 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0 \\
 25072 &:= 0^6 - 1^9 + 2^8 - 3^3 + 4^7 + 5^4 + 6^5 + 7^2 + 8^0 + 9^1 \\
 25073 &:= 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^4 + 9^1 \\
 25074 &:= 0^8 - 1^9 + 2^2 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^4 + 9^3 \\
 25075 &:= 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^1 + 7^3 + 8^2 + 9^0 \\
 25076 &:= 0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^4 + 9^3 \\
 25077 &:= 0^3 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^0 \\
 25078 &:= 0^3 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^1 \\
 25079 &:= 0^7 - 1^8 + 2^6 + 3^9 + 4^5 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2 \\
 25080 &:= 0^7 - 1^8 + 2^6 + 3^9 + 4^5 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2 \\
 25081 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2 \\
 25082 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2 \\
 25083 &:= 0^8 + 1^9 - 2^6 + 3^2 + 4^7 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0 \\
 25084 &:= 0^6 + 1^9 - 2^7 + 3^8 + 4^0 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1 \\
 25085 &:= 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0 \\
 25086 &:= 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1 \\
 25087 &:= 0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^0 \\
 25088 &:= 0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3 \\
 25089 &:= 0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^0 \\
 25090 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3 \\
 25091 &:= 0^3 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^1 + 8^2 + 9^0 \\
 25092 &:= 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^1 + 7^3 + 8^0 + 9^2 \\
 25093 &:= 0^3 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^2 + 9^1 \\
 25094 &:= 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^0 + 7^3 + 8^1 + 9^2 \\
 25095 &:= 0^6 - 1^9 + 2^8 + 3^4 + 4^7 + 5^1 + 6^5 + 7^0 + 8^3 + 9^2
 \end{aligned}$$

$$\begin{aligned}
25096 &:= -0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1 \\
25097 &:= 0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^1 + 6^5 + 7^0 + 8^3 + 9^2 \\
25098 &:= 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1 \\
25099 &:= 0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^0 + 6^5 + 7^1 + 8^3 + 9^2 \\
25100 &:= 0^0 + 1^9 + 2^8 - 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3 \\
25101 &:= 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^1 + 7^2 + 8^3 + 9^0 \\
25102 &:= 0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1 \\
25103 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1 \\
25104 &:= 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1 \\
25105 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3 \\
25106 &:= 0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^0 + 9^2 \\
25107 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^0 + 6^4 + 7^1 + 8^2 + 9^3 \\
25108 &:= 0^3 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^2 \\
25109 &:= 0^3 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^2 \\
25110 &:= -0^0 - 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^1 + 9^2 \\
25111 &:= 0^1 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0 \\
25112 &:= -0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^1 + 9^2 \\
25113 &:= 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0 \\
25114 &:= 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^4 + 7^5 + 8^1 + 9^2 \\
25115 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^2 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3 \\
25116 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1 \\
25117 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^2 + 6^3 + 7^1 + 8^4 + 9^0 \\
25118 &:= 0^8 - 1^9 + 2^0 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3 \\
25119 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^2 + 6^3 + 7^0 + 8^4 + 9^1 \\
25120 &:= 0^8 + 1^9 + 2^0 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3 \\
25121 &:= 0^8 + 1^0 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1 \\
25122 &:= 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1 \\
25123 &:= 0^8 + 1^9 - 2^7 + 3^0 + 4^6 + 5^2 + 6^3 + 7^5 + 8^4 + 9^1 \\
25124 &:= 0^5 - 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4 \\
25125 &:= 0^5 - 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4 \\
25126 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4 \\
25127 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4 \\
25128 &:= 0^6 + 1^9 + 2^8 + 3^3 + 4^7 + 5^4 + 6^5 + 7^2 + 8^0 + 9^1 \\
25129 &:= 0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^0 + 6^4 + 7^5 + 8^1 + 9^3 \\
25130 &:= 0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^4 + 7^3 + 8^0 + 9^1 \\
25131 &:= 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^4 + 7^3 + 8^1 + 9^0 \\
25132 &:= 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^4 + 7^3 + 8^0 + 9^1 \\
25133 &:= 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^1 + 7^0 + 8^3 + 9^2 \\
25134 &:= 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^0 + 7^1 + 8^3 + 9^2 \\
25135 &:= 0^6 + 1^9 - 2^7 + 3^8 + 4^1 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2 \\
25136 &:= 0^6 + 1^9 - 2^7 + 3^8 + 4^0 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2 \\
25137 &:= 0^7 - 1^8 + 2^6 + 3^9 + 4^5 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0 \\
25138 &:= 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2 \\
25139 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0 \\
25140 &:= 0^4 + 1^8 - 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^1 + 8^0 + 9^3 \\
25141 &:= 0^6 + 1^9 + 2^8 + 3^3 + 4^7 + 5^4 + 6^5 + 7^1 + 8^2 + 9^0 \\
25142 &:= 0^6 - 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3 \\
25143 &:= 0^6 + 1^9 + 2^8 + 3^3 + 4^7 + 5^4 + 6^5 + 7^0 + 8^2 + 9^1 \\
25144 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3 \\
25145 &:= 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2 \\
25146 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2 \\
25147 &:= 0^5 + 1^8 - 2^7 + 3^9 + 4^6 + 5^3 + 6^4 + 7^0 + 8^2 + 9^1 \\
25148 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^0 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3 \\
25149 &:= 0^8 - 1^0 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2 \\
25150 &:= 0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3 \\
25151 &:= 0^8 + 1^0 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2 \\
25152 &:= 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2 \\
25153 &:= 0^2 - 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0 \\
25154 &:= 0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^2 + 6^1 + 7^5 + 8^3 + 9^4 \\
25155 &:= 0^2 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0 \\
25156 &:= 0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4 \\
25157 &:= 0^2 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^1 \\
25158 &:= 0^6 + 1^9 + 2^8 + 3^3 + 4^7 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2 \\
25159 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3 \\
25160 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^3 + 7^2 + 8^1 + 9^4 \\
25161 &:= 0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^3 + 9^0 \\
25162 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^0 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3 \\
25163 &:= 0^7 + 1^8 + 2^9 + 3^6 + 4^1 + 5^0 + 6^2 + 7^5 + 8^3 + 9^4 \\
25164 &:= 0^7 + 1^8 + 2^9 + 3^6 + 4^0 + 5^1 + 6^2 + 7^5 + 8^3 + 9^4 \\
25165 &:= 0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1 \\
25166 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^0 + 7^1 + 8^3 + 9^4 \\
25167 &:= 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0 \\
25168 &:= 0^7 + 1^9 - 2^1 + 3^8 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4 \\
25169 &:= 0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1 \\
25170 &:= 0^7 - 1^9 + 2^1 + 3^8 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4 \\
25171 &:= 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1 \\
25172 &:= 0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4 \\
25173 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^0 + 6^3 + 7^1 + 8^4 + 9^2 \\
25174 &:= 0^5 + 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^3 + 7^1 + 8^2 + 9^4 \\
25175 &:= 0^8 + 1^9 - 2^7 + 3^0 + 4^6 + 5^1 + 6^3 + 7^5 + 8^4 + 9^2 \\
25176 &:= 0^3 - 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4 \\
25177 &:= 0^4 + 1^8 - 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3 \\
25178 &:= 0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4 \\
25179 &:= 0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^0 \\
25180 &:= 0^0 + 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^1 + 8^2 + 9^3 \\
25181 &:= 0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^0 \\
25182 &:= 0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2 \\
25183 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^2 + 7^0 + 8^3 + 9^4 \\
25184 &:= 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2 \\
25185 &:= 0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^0 + 6^4 + 7^3 + 8^1 + 9^2 \\
25186 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^2 + 7^1 + 8^3 + 9^4 \\
25187 &:= 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^0 + 6^4 + 7^3 + 8^1 + 9^2 \\
25188 &:= -0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1 \\
25189 &:= 0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1 \\
25190 &:= 0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1 \\
25191 &:= 0^3 - 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4 \\
25192 &:= 0^7 + 1^9 + 2^0 + 3^8 + 4^6 + 5^3 + 6^5 + 7^1 + 8^2 + 9^4 \\
25193 &:= 0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4 \\
25194 &:= 0^5 - 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^0 + 7^2 + 8^3 + 9^4 \\
25195 &:= 0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^1 + 8^2 + 9^4 \\
25196 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^0 + 7^2 + 8^3 + 9^4 \\
25197 &:= 0^1 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0 \\
25198 &:= 0^5 + 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^1 + 7^2 + 8^3 + 9^4 \\
25199 &:= 0^8 - 1^9 + 2^7 + 3^3 + 4^6 + 5^0 + 6^2 + 7^5 + 8^4 + 9^1 \\
25200 &:= 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1 \\
25201 &:= 0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^0 + 6^2 + 7^5 + 8^4 + 9^1 \\
25202 &:= -0^0 - 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1 \\
25203 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0 \\
25204 &:= -0^0 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1 \\
25205 &:= 0^9 + 1^0 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1 \\
25206 &:= 0^0 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1 \\
25207 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1 \\
25208 &:= 0^5 - 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1 \\
25209 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^2 + 7^4 + 8^1 + 9^0 \\
25210 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1 \\
25211 &:= 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^4 + 6^2 + 7^0 + 8^1 + 9^3 \\
25212 &:= 0^8 + 1^9 + 2^6 + 3^2 + 4^7 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1 \\
25213 &:= 0^3 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^2 + 9^4 \\
25214 &:= 0^3 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^1 + 8^2 + 9^4 \\
25215 &:= 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0 \\
25216 &:= 0^7 - 1^9 + 2^5 + 3^8 + 4^1 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2 \\
25217 &:= 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^2 + 7^1 + 8^3 + 9^0 \\
25218 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^1 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2 \\
25219 &:= 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^2 + 7^0 + 8^3 + 9^1 \\
25220 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^0 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2 \\
25221 &:= 0^5 + 1^8 + 2^2 + 3^6 - 4^9 + 5^3 + 6^7 + 7^0 + 8^1 + 9^4 \\
25222 &:= 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3 \\
25223 &:= 0^4 - 1^5 - 2^9 - 3^8 + 4^7 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0 \\
25224 &:= 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^4 + 6^0 + 7^2 + 8^1 + 9^3 \\
25225 &:= 0^1 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0 \\
25226 &:= 0^7 - 1^8 - 2^5 + 3^9 + 4^6 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1 \\
25227 &:= 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0 \\
25228 &:= 0^7 + 1^8 - 2^5 + 3^9 + 4^6 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1 \\
25229 &:= 0^1 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2 \\
25230 &:= 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1 \\
25231 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1 \\
25232 &:= 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^0 + 7^2 + 8^3 + 9^1 \\
25233 &:= 0^5 - 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^1 + 7^4 + 8^2 + 9^0 \\
25234 &:= -0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1 \\
25235 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^1 + 7^4 + 8^2 + 9^0 \\
25236 &:= 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1 \\
25237 &:= 0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2 \\
25238 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^0 + 7^4 + 8^2 + 9^1 \\
25239 &:= 0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0 \\
25240 &:= -0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2 \\
25241 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0 \\
25242 &:= 0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2
\end{aligned}$$

$25243 := 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^2 + 6^1 + 7^3 + 8^4 + 9^0$
 $25244 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1$
 $25245 := 0^2 - 1^9 - 2^8 - 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^1 + 9^4$
 $25246 := 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1$
 $25247 := 0^7 - 1^9 + 2^2 + 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$
 $25248 := 0^7 + 1^9 + 2^2 + 3^8 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3$
 $25249 := 0^7 + 1^9 + 2^2 + 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$
 $25250 := 0^5 - 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$
 $25251 := 0^5 + 1^9 + 2^7 + 3^8 + 4^2 + 5^6 + 6^1 + 7^4 + 8^3 + 9^0$
 $25252 := 0^5 + 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$
 $25253 := 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^1 + 6^2 + 7^3 + 8^4 + 9^0$
 $25254 := 0^5 + 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^0 + 7^4 + 8^1 + 9^2$
 $25255 := 0^2 - 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$
 $25256 := 0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4$
 $25257 := 0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$
 $25258 := 0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^4 + 6^1 + 7^5 + 8^0 + 9^3$
 $25259 := 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^1 + 7^0 + 8^3 + 9^2$
 $25260 := 0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^4 + 6^0 + 7^5 + 8^1 + 9^3$
 $25261 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^1 + 7^0 + 8^3 + 9^2$
 $25262 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^0 + 7^1 + 8^3 + 9^2$
 $25263 := 0^7 + 1^9 + 2^6 + 3^8 + 4^2 + 5^1 + 6^4 + 7^5 + 8^3 + 9^0$
 $25264 := 0^1 - 1^8 - 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4$
 $25265 := 0^7 - 1^9 + 2^6 + 3^8 + 4^2 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1$
 $25266 := 0^1 + 1^8 - 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4$
 $25267 := 0^7 + 1^9 + 2^6 + 3^8 + 4^2 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1$
 $25268 := 0^5 - 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4$
 $25269 := 0^5 + 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0$
 $25270 := 0^5 + 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4$
 $25271 := 0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^2 + 6^4 + 7^5 + 8^3 + 9^0$
 $25272 := 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
 $25273 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$
 $25274 := 0^5 + 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^2 + 7^3 + 8^1 + 9^4$
 $25275 := 0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^2 + 6^4 + 7^5 + 8^1 + 9^0$
 $25276 := 0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$
 $25277 := 0^8 + 1^0 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^4 + 9^2$
 $25278 := 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^4 + 9^2$
 $25279 := 0^9 + 1^0 - 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$
 $25280 := 0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3$
 $25281 := 0^8 - 1^9 + 2^4 + 3^6 + 4^7 + 5^2 + 6^5 + 7^3 + 8^1 + 9^0$
 $25282 := 0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^1 + 6^5 + 7^2 + 8^0 + 9^3$
 $25283 := 0^8 + 1^9 + 2^4 + 3^6 + 4^7 + 5^2 + 6^5 + 7^3 + 8^1 + 9^0$
 $25284 := 0^8 + 1^9 + 2^4 + 3^6 + 4^7 + 5^2 + 6^5 + 7^3 + 8^0 + 9^1$
 $25285 := 0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^0 + 6^5 + 7^2 + 8^1 + 9^3$
 $25286 := 0^7 - 1^9 + 2^1 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$
 $25287 := 0^8 + 1^9 - 2^4 + 3^6 + 4^7 + 5^1 + 6^5 + 7^3 + 8^2 + 9^0$
 $25288 := 0^7 + 1^9 + 2^1 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$
 $25289 := 0^7 - 1^8 + 2^5 + 3^9 + 4^6 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$
 $25290 := 0^7 - 1^8 + 2^5 + 3^9 + 4^6 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$
 $25291 := 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$

$25292 := 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$
 $25293 := 0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^3 + 6^2 + 7^5 + 8^4 + 9^0$
 $25294 := 0^7 + 1^9 + 2^0 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$
 $25295 := 0^6 - 1^9 + 2^8 + 3^4 + 4^7 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3$
 $25296 := 0^1 - 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$
 $25297 := 0^6 + 1^9 + 2^8 + 3^4 + 4^7 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3$
 $25298 := 0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$
 $25299 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^4 + 7^1 + 8^3 + 9^0$
 $25300 := 0^5 + 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^1 + 7^3 + 8^2 + 9^4$
 $25301 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^4 + 7^0 + 8^3 + 9^1$
 $25302 := 0^6 - 1^7 + 2^9 + 3^8 + 4^1 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$
 $25303 := 0^7 + 1^9 + 2^1 + 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3$
 $25304 := 0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$
 $25305 := 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^3 + 6^4 + 7^1 + 8^2 + 9^0$
 $25306 := 0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$
 $25307 := 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^2 + 7^0 + 8^1 + 9^3$
 $25308 := 0^7 + 1^9 + 2^0 + 3^8 + 4^5 + 5^6 + 6^4 + 7^1 + 8^2 + 9^3$
 $25309 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^2 + 6^3 + 7^1 + 8^4 + 9^0$
 $25310 := 0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1$
 $25311 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^2 + 6^3 + 7^0 + 8^4 + 9^1$
 $25312 := 0^5 - 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$
 $25313 := 0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$
 $25314 := 0^5 + 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$
 $25315 := 0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^0 + 6^4 + 7^5 + 8^2 + 9^1$
 $25316 := 0^5 + 1^9 + 2^7 + 3^8 + 4^0 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2$
 $25317 := 0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^1 + 6^2 + 7^3 + 8^4 + 9^0$
 $25318 := 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^1 + 7^2 + 8^0 + 9^3$
 $25319 := 0^8 + 1^9 + 2^4 + 3^6 + 4^7 + 5^1 + 6^5 + 7^3 + 8^2 + 9^0$
 $25320 := 0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^5 + 7^1 + 8^2 + 9^4$
 $25321 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^1 + 6^4 + 7^2 + 8^3 + 9^0$
 $25322 := 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2$
 $25323 := 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$
 $25324 := 0^6 + 1^8 - 2^7 + 3^9 + 4^2 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$
 $25325 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$
 $25326 := 0^2 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^4 + 9^3$
 $25327 := 0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^0 + 8^4 + 9^3$
 $25328 := 0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^4 + 9^3$
 $25329 := 0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^2 + 8^1 + 9^0$
 $25330 := 0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^2 + 8^0 + 9^1$
 $25331 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0$
 $25332 := 0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^0 + 7^1 + 8^2 + 9^3$
 $25333 := 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^1 + 7^0 + 8^2 + 9^3$
 $25334 := 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^4 + 6^0 + 7^1 + 8^2 + 9^3$
 $25335 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1$
 $25336 := 0^8 + 1^9 + 2^4 + 3^6 + 4^7 + 5^1 + 6^5 + 7^3 + 8^0 + 9^2$
 $25337 := 0^8 - 1^9 + 2^4 + 3^6 + 4^7 + 5^0 + 6^5 + 7^3 + 8^1 + 9^2$
 $25338 := 0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^3 + 6^0 + 7^5 + 8^4 + 9^2$
 $25339 := 0^8 + 1^9 + 2^4 + 3^6 + 4^7 + 5^0 + 6^5 + 7^3 + 8^1 + 9^2$
 $25340 := 0^6 + 1^9 + 2^7 + 3^8 + 4^0 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1$

$25341 := 0^5 + 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^3 + 7^4 + 8^1 + 9^0$
 $25342 := 0^5 + 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1$
 $25343 := 0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^1 + 8^2 + 9^0$
 $25344 := 0^7 + 1^8 - 2^9 + 3^3 + 4^2 + 5^6 + 6^5 + 7^4 + 8^0 + 9^1$
 $25345 := 0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^0 + 8^2 + 9^1$
 $25346 := 0^7 - 1^9 + 2^2 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^0 + 9^4$
 $25347 := 0^3 - 1^9 - 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2$
 $25348 := 0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^0 + 9^4$
 $25349 := 0^7 - 1^9 + 2^2 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4$
 $25350 := 0^7 - 1^9 - 2^6 + 3^8 + 4^2 + 5^1 + 6^4 + 7^5 + 8^0 + 9^3$
 $25351 := 0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4$
 $25352 := 0^7 + 1^9 - 2^6 + 3^8 + 4^2 + 5^1 + 6^4 + 7^5 + 8^0 + 9^3$
 $25353 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^1 + 6^4 + 7^0 + 8^3 + 9^2$
 $25354 := 0^7 + 1^9 - 2^5 + 3^8 + 4^1 + 5^6 + 6^0 + 7^4 + 8^2 + 9^3$
 $25355 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^0 + 6^4 + 7^1 + 8^3 + 9^2$
 $25356 := 0^2 + 1^8 - 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1$
 $25357 := 0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3$
 $25358 := 0^4 - 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$
 $25359 := 0^8 + 1^9 + 2^7 + 3^2 + 4^6 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0$
 $25360 := 0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$
 $25361 := 0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^0 + 8^1 + 9^2$
 $25362 := 0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2$
 $25363 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2$
 $25364 := 0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^4 + 9^3$
 $25365 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^0 + 6^3 + 7^1 + 8^4 + 9^2$
 $25366 := 0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$
 $25367 := 0^2 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4$
 $25368 := 0^1 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$
 $25369 := 0^2 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^0$
 $25370 := 0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$
 $25371 := 0^2 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^0$
 $25372 := 0^2 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$
 $25373 := 0^2 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$
 $25374 := 0^7 + 1^9 + 2^5 + 3^8 + 4^2 + 5^6 + 6^0 + 7^4 + 8^1 + 9^3$
 $25375 := 0^9 + 1^0 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$
 $25376 := 0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$
 $25377 := 0^8 - 1^9 + 2^6 + 3^2 + 4^7 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0$
 $25378 := 0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^0 + 9^3$
 $25379 := 0^8 + 1^9 + 2^6 + 3^2 + 4^7 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0$
 $25380 := 0^5 - 1^6 - 2^9 + 3^8 + 4^7 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1$
 $25381 := 0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^4 + 7^5 + 8^1 + 9^3$
 $25382 := 0^6 - 1^8 + 2^9 + 3^3 + 4^7 + 5^4 + 6^5 + 7^2 + 8^0 + 9^1$
 $25383 := 0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^4 + 6^5 + 7^2 + 8^1 + 9^0$
 $25384 := 0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^4 + 6^5 + 7^2 + 8^0 + 9^1$
 $25385 := 0^5 + 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^3 + 7^4 + 8^2 + 9^0$
 $25386 := 0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$
 $25387 := 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$
 $25388 := 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^3 + 6^4 + 7^2 + 8^0 + 9^1$
 $25389 := 0^6 - 1^9 + 2^7 + 3^8 + 4^1 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2$

$25390 := 0^5 + 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1$	$25439 := 0^5 + 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^2 + 7^0 + 8^3 + 9^4$	$25488 := 0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$
$25391 := 0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2$	$25440 := -0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$	$25489 := 0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2$
$25392 := 0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^3 + 6^4 + 7^5 + 8^1 + 9^2$	$25441 := 0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$	$25490 := 0^5 + 1^9 + 2^7 + 3^8 + 4^0 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$
$25393 := 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$	$25442 := 0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$	$25491 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2$
$25394 := 0^7 + 1^9 + 2^5 + 3^8 + 4^0 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$	$25443 := 0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^2 + 7^3 + 8^4 + 9^0$	$25492 := 0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$
$25395 := 0^6 - 1^8 + 2^9 + 3^3 + 4^7 + 5^4 + 6^5 + 7^1 + 8^2 + 9^0$	$25444 := 0^1 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$	$25493 := 0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2$
$25396 := 0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$	$25445 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^2 + 7^3 + 8^4 + 9^0$	$25494 := -0^0 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2$
$25397 := 0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^4 + 6^5 + 7^1 + 8^2 + 9^0$	$25446 := 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1$	$25495 := 0^8 - 1^0 + 2^9 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2$
$25398 := 0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$	$25447 := 0^6 + 1^8 + 2^7 + 3^9 + 4^3 + 5^5 + 6^2 + 7^4 + 8^1 + 9^0$	$25496 := -0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2$
$25399 := 0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^4 + 6^5 + 7^0 + 8^2 + 9^1$	$25448 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^0 + 7^2 + 8^1 + 9^3$	$25497 := 0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2$
$25400 := 0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^3 + 6^0 + 7^5 + 8^4 + 9^1$	$25449 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^0 + 6^2 + 7^3 + 8^4 + 9^1$	$25498 := 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2$
$25401 := 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^3 + 6^4 + 7^1 + 8^2 + 9^0$	$25450 := 0^8 + 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^0 + 9^4$	$25499 := 0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4$
$25402 := 0^5 + 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2$	$25451 := 0^7 + 1^0 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$	$25500 := 0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4$
$25403 := 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^3 + 6^4 + 7^0 + 8^2 + 9^1$	$25452 := 0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$	$25501 := 0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^2 + 6^3 + 7^5 + 8^4 + 9^0$
$25404 := 0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1$	$25453 := 0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$	$25502 := 0^7 + 1^8 - 2^6 + 3^9 + 4^5 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$
$25405 := 0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^2 + 9^4$	$25454 := 0^5 + 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^1 + 7^2 + 8^3 + 9^4$	$25503 := 0^8 - 1^9 + 2^4 + 3^6 + 4^7 + 5^1 + 6^5 + 7^0 + 8^3 + 9^2$
$25406 := 0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3$	$25455 := 0^4 + 1^9 - 2^8 + 3^7 + 4^3 + 5^6 + 6^5 + 7^2 + 8^1 + 9^0$	$25504 := 0^8 + 1^9 - 2^6 + 3^1 + 4^7 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
$25407 := 0^7 - 1^8 + 2^6 + 3^9 + 4^3 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$	$25456 := 0^4 + 1^9 - 2^8 + 3^7 + 4^3 + 5^6 + 6^5 + 7^2 + 8^0 + 9^1$	$25505 := 0^8 + 1^9 + 2^4 + 3^6 + 4^7 + 5^1 + 6^5 + 7^0 + 8^3 + 9^2$
$25408 := 0^7 + 1^9 + 2^0 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$	$25457 := 0^6 - 1^9 + 2^8 + 3^0 + 4^7 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$	$25506 := 0^4 + 1^8 - 2^9 + 3^7 + 4^1 + 5^6 + 6^5 + 7^3 + 8^0 + 9^2$
$25409 := 0^7 + 1^8 + 2^6 + 3^9 + 4^3 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$	$25458 := 0^6 - 1^8 - 2^7 + 3^9 + 4^5 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3$	$25507 := 0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^2 + 6^3 + 7^5 + 8^4 + 9^1$
$25410 := 0^7 - 1^8 + 2^6 + 3^9 + 4^3 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$	$25459 := 0^6 + 1^9 + 2^8 + 3^0 + 4^7 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$	$25508 := 0^4 - 1^8 - 2^9 + 3^7 + 4^0 + 5^6 + 6^5 + 7^3 + 8^1 + 9^2$
$25411 := 0^1 + 1^8 - 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$	$25460 := 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^0 + 7^1 + 8^2 + 9^3$	$25509 := 0^7 + 1^9 - 2^2 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^3 + 9^4$
$25412 := 0^7 + 1^8 + 2^6 + 3^9 + 4^3 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$	$25461 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^1 + 7^0 + 8^2 + 9^3$	$25510 := 0^4 + 1^8 - 2^9 + 3^7 + 4^0 + 5^6 + 6^5 + 7^3 + 8^1 + 9^2$
$25413 := 0^6 - 1^8 + 2^9 + 3^3 + 4^7 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2$	$25462 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^0 + 7^1 + 8^2 + 9^3$	$25511 := 0^6 + 1^9 - 2^5 + 3^8 + 4^7 + 5^3 + 6^1 + 7^4 + 8^2 + 9^0$
$25414 := 0^1 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$	$25463 := 0^8 + 1^0 - 2^5 + 3^6 - 4^9 + 5^1 + 6^7 + 7^3 + 8^2 + 9^4$	$25512 := 0^5 - 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^0 + 7^4 + 8^2 + 9^3$
$25415 := 0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2$	$25464 := 0^8 + 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^0 + 7^2 + 8^1 + 9^4$	$25513 := 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$
$25416 := 0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2$	$25465 := 0^7 - 1^9 + 2^8 - 3^0 + 4^6 + 5^3 + 6^1 + 7^5 + 8^4 + 9^2$	$25514 := 0^5 + 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^0 + 7^4 + 8^2 + 9^3$
$25417 := 0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^3 + 9^0$	$25466 := 0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^3 + 6^0 + 7^5 + 8^4 + 9^2$	$25515 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^3 + 6^4 + 7^2 + 8^1 + 9^0$
$25418 := 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2$	$25467 := 0^7 - 1^9 + 2^8 + 3^0 + 4^6 + 5^3 + 6^1 + 7^5 + 8^4 + 9^2$	$25516 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^4 + 7^1 + 8^0 + 9^3$
$25419 := 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$	$25468 := 0^5 + 1^9 + 2^7 + 3^8 + 4^2 + 5^6 + 6^1 + 7^4 + 8^0 + 9^3$	$25517 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3$
$25420 := 0^7 + 1^9 + 2^5 + 3^8 + 4^0 + 5^6 + 6^1 + 7^4 + 8^2 + 9^3$	$25469 := 0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^3 + 6^1 + 7^5 + 8^4 + 9^2$	$25518 := 0^7 - 1^8 + 2^9 - 3^3 + 4^6 + 5^2 + 6^0 + 7^5 + 8^4 + 9^1$
$25421 := 0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1$	$25470 := 0^5 + 1^9 + 2^7 + 3^8 + 4^2 + 5^6 + 6^0 + 7^4 + 8^1 + 9^3$	$25519 := 0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^0 + 6^5 + 7^1 + 8^3 + 9^4$
$25422 := 0^0 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$	$25471 := 0^6 - 1^8 + 2^7 + 3^9 + 4^3 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$	$25520 := 0^1 - 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4$
$25423 := 0^1 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^0 + 8^2 + 9^4$	$25472 := 0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^0 + 9^4$	$25521 := 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^1 + 6^4 + 7^3 + 8^2 + 9^0$
$25424 := 0^7 - 1^8 + 2^6 + 3^9 + 4^3 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2$	$25473 := 0^6 + 1^8 + 2^7 + 3^9 + 4^3 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$	$25522 := 0^4 - 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^5 + 7^3 + 8^0 + 9^1$
$25425 := 0^1 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$	$25474 := 0^6 - 1^8 + 2^7 + 3^9 + 4^3 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$	$25523 := 0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^5 + 7^3 + 8^1 + 9^0$
$25426 := 0^7 + 1^8 + 2^6 + 3^9 + 4^3 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2$	$25475 := 0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4$	$25524 := 0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^5 + 7^3 + 8^0 + 9^1$
$25427 := 0^1 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^0$	$25476 := 0^6 + 1^8 + 2^7 + 3^9 + 4^3 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$	$25525 := 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$
$25428 := 0^7 + 1^8 + 2^6 + 3^9 + 4^3 + 5^5 + 6^0 + 7^4 + 8^1 + 9^2$	$25477 := 0^8 + 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^2 + 9^4$	$25526 := 0^7 - 1^9 + 2^6 + 3^8 + 4^0 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$
$25429 := 0^1 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3$	$25478 := 0^8 + 1^9 + 2^3 + 3^7 + 4^5 + 5^6 + 6^0 + 7^1 + 8^2 + 9^4$	$25527 := 0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^0 + 6^4 + 7^5 + 8^2 + 9^3$
$25430 := 0^0 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^2 + 9^4$	$25479 := 0^5 + 1^9 - 2^6 + 3^8 + 4^7 + 5^3 + 6^1 + 7^4 + 8^2 + 9^0$	$25528 := 0^7 + 1^9 + 2^6 + 3^8 + 4^0 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$
$25431 := 0^8 + 1^9 + 2^7 + 3^0 + 4^6 + 5^1 + 6^3 + 7^5 + 8^4 + 9^2$	$25480 := 0^7 + 1^9 + 2^6 + 3^8 + 4^2 + 5^1 + 6^4 + 7^5 + 8^0 + 9^3$	$25529 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^3 + 6^4 + 7^1 + 8^2 + 9^0$
$25432 := 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^2 + 7^1 + 8^0 + 9^3$	$25481 := 0^7 - 1^9 + 2^6 + 3^8 + 4^2 + 5^0 + 6^4 + 7^5 + 8^1 + 9^3$	$25530 := 0^0 + 1^9 - 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^4$
$25433 := 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^2 + 7^0 + 8^1 + 9^3$	$25482 := 0^5 + 1^9 - 2^6 + 3^8 + 4^7 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$	$25531 := 0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^2 + 9^4$
$25434 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^2 + 7^1 + 8^0 + 9^3$	$25483 := 0^7 + 1^9 + 2^6 + 3^8 + 4^2 + 5^0 + 6^4 + 7^5 + 8^1 + 9^3$	$25532 := -0^0 - 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$
$25435 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^4 + 6^2 + 7^0 + 8^1 + 9^3$	$25484 := 0^5 - 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^2 + 7^4 + 8^0 + 9^3$	$25533 := 0^7 - 1^9 + 2^1 + 3^8 + 4^6 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4$
$25436 := 0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^3 + 8^2 + 9^1$	$25485 := 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^2 + 6^4 + 7^3 + 8^1 + 9^0$	$25534 := -0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$
$25437 := 0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^0$	$25486 := 0^5 + 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^2 + 7^4 + 8^0 + 9^3$	$25535 := 0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4$
$25438 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1$	$25487 := 0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0$	$25536 := 0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^2 + 9^4$

$25537 := 0^2 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$	$25586 := 0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^2 + 8^0 + 9^1$	$25635 := 0^5 + 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^1 + 7^4 + 8^3 + 9^0$
$25538 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3$	$25587 := 0^7 - 1^0 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$	$25636 := 0^5 - 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^0 + 7^4 + 8^3 + 9^1$
$25539 := 0^2 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0$	$25588 := -0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$	$25637 := 0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^4 + 7^5 + 8^1 + 9^3$
$25540 := 0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^1 + 8^0 + 9^4$	$25589 := 0^7 + 1^0 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$	$25638 := 0^5 + 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^0 + 7^4 + 8^3 + 9^1$
$25541 := 0^2 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^1$	$25590 := 0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$	$25639 := 0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2$
$25542 := 0^6 - 1^9 + 2^7 + 3^8 + 4^2 + 5^1 + 6^4 + 7^5 + 8^0 + 9^3$	$25591 := 0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^0 + 6^4 + 7^5 + 8^2 + 9^3$	$25640 := 0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^1 + 8^0 + 9^4$
$25543 := 0^1 - 1^8 - 2^9 - 3^7 + 4^2 + 5^6 + 6^5 + 7^0 + 8^4 + 9^3$	$25592 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$	$25641 := 0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^0 + 8^1 + 9^4$
$25544 := 0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^1 + 6^4 + 7^5 + 8^0 + 9^3$	$25593 := 0^8 - 1^9 + 2^3 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^2 + 9^0$	$25642 := 0^6 - 1^8 + 2^7 + 3^9 + 4^0 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$
$25545 := 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$	$25594 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^3 + 6^0 + 7^4 + 8^1 + 9^2$	$25643 := 0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^1 + 8^3 + 9^4$
$25546 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^3 + 6^4 + 7^1 + 8^0 + 9^2$	$25595 := 0^8 + 1^9 + 2^3 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^2 + 9^0$	$25644 := 0^6 + 1^8 + 2^7 + 3^9 + 4^0 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$
$25547 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^3 + 6^4 + 7^0 + 8^1 + 9^2$	$25596 := 0^8 + 1^9 + 2^6 + 3^2 + 4^7 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3$	$25645 := 0^8 - 1^9 + 2^6 + 3^1 + 4^7 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$
$25548 := 0^6 - 1^9 + 2^5 + 3^8 + 4^7 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$	$25597 := 0^8 + 1^9 + 2^3 + 3^6 + 4^7 + 5^4 + 6^5 + 7^0 + 8^2 + 9^1$	$25646 := 0^3 - 1^9 - 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^0 + 9^1$
$25549 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^3 + 6^2 + 7^4 + 8^1 + 9^0$	$25598 := 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^2 + 6^0 + 7^4 + 8^1 + 9^3$	$25647 := 0^8 + 1^9 + 2^6 + 3^1 + 4^7 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$
$25550 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$	$25599 := 0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^1 + 8^2 + 9^0$	$25648 := 0^3 + 1^9 - 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^0 + 9^1$
$25551 := 0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3$	$25600 := 0^7 + 1^9 - 2^8 + 3^3 + 4^2 + 5^6 + 6^5 + 7^4 + 8^0 + 9^1$	$25649 := 0^8 - 1^9 + 2^6 + 3^0 + 4^7 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$
$25552 := 0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$	$25601 := 0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^0 + 8^2 + 9^1$	$25650 := 0^7 - 1^8 + 2^6 + 3^9 + 4^5 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3$
$25553 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3$	$25602 := 0^6 - 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$	$25651 := 0^8 + 1^9 + 2^6 + 3^0 + 4^7 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$
$25554 := 0^6 - 1^9 + 2^7 + 3^8 + 4^0 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3$	$25603 := 0^8 + 1^0 - 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$	$25652 := 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3$
$25555 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^0 + 6^4 + 7^1 + 8^2 + 9^3$	$25604 := 0^6 + 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$	$25653 := 0^5 + 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0$
$25556 := 0^6 + 1^9 + 2^7 + 3^8 + 4^0 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3$	$25605 := 0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^1 + 7^4 + 8^2 + 9^0$	$25654 := 0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$
$25557 := 0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^0 + 6^3 + 7^5 + 8^4 + 9^2$	$25606 := 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$	$25655 := 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^2 + 6^4 + 7^0 + 8^3 + 9^1$
$25558 := 0^3 + 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^4 + 8^2 + 9^1$	$25607 := 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^1 + 7^4 + 8^2 + 9^0$	$25656 := 0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^3 + 6^0 + 7^5 + 8^4 + 9^1$
$25559 := 0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^5 + 7^3 + 8^2 + 9^0$	$25608 := 0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$	$25657 := 0^6 - 1^8 + 2^9 + 3^2 + 4^7 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$
$25560 := 0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$	$25609 := 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^0 + 6^2 + 7^4 + 8^1 + 9^3$	$25658 := 0^5 + 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1$
$25561 := 0^4 - 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^5 + 7^3 + 8^2 + 9^1$	$25610 := 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$	$25659 := 0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$
$25562 := 0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^2 + 8^0 + 9^4$	$25611 := 0^1 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$	$25660 := 0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1$
$25563 := 0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^5 + 7^3 + 8^2 + 9^1$	$25612 := 0^8 + 1^9 + 2^3 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$	$25661 := 0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4$
$25564 := 0^7 + 1^8 + 2^6 + 3^9 + 4^0 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$	$25613 := 0^1 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^3 + 9^2$	$25662 := 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3$
$25565 := 0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^2 + 8^1 + 9^4$	$25614 := 0^4 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$	$25663 := 0^6 - 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$
$25566 := 0^6 + 1^9 - 2^5 + 3^8 + 4^7 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$	$25615 := 0^4 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^0 + 8^1 + 9^2$	$25664 := 0^7 - 1^9 + 2^3 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
$25567 := 0^5 - 1^9 - 2^6 + 3^8 + 4^7 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$	$25616 := 0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$	$25665 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$
$25568 := 0^3 + 1^9 + 2^8 - 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^1 + 9^4$	$25617 := 0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^0 + 8^1 + 9^2$	$25666 := 0^7 + 1^9 + 2^3 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
$25569 := 0^6 - 1^9 + 2^8 + 3^2 + 4^7 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0$	$25618 := 0^6 + 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2$	$25667 := 0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4$
$25570 := 0^3 - 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$	$25619 := 0^7 + 1^0 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2$	$25668 := 0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4$
$25571 := 0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0$	$25620 := 0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^1 + 8^3 + 9^2$	$25669 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1$
$25572 := 0^7 - 1^8 + 2^9 + 3^3 + 4^6 + 5^2 + 6^0 + 7^5 + 8^4 + 9^1$	$25621 := 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$	$25670 := 0^8 - 1^9 + 2^0 + 3^7 + 4^5 + 5^6 + 6^3 + 7^2 + 8^1 + 9^4$
$25573 := 0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^4 + 6^5 + 7^0 + 8^3 + 9^1$	$25622 := 0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$	$25671 := 0^8 - 1^9 - 2^4 + 3^6 + 4^7 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3$
$25574 := 0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^2 + 6^0 + 7^5 + 8^4 + 9^1$	$25623 := 0^6 + 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$	$25672 := 0^8 + 1^9 + 2^0 + 3^7 + 4^5 + 5^6 + 6^3 + 7^2 + 8^1 + 9^4$
$25575 := 0^6 + 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^2 + 7^4 + 8^1 + 9^0$	$25624 := 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$	$25673 := 0^7 - 1^8 + 2^5 + 3^9 + 4^6 + 5^1 + 6^4 + 7^2 + 8^3 + 9^0$
$25576 := 0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^5 + 7^3 + 8^0 + 9^2$	$25625 := 0^7 - 1^8 + 2^9 + 3^3 + 4^6 + 5^0 + 6^1 + 7^5 + 8^4 + 9^2$	$25674 := -0^0 + 1^9 - 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$
$25577 := 0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^2 + 9^4$	$25626 := 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$	$25675 := 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^1 + 6^4 + 7^2 + 8^3 + 9^0$
$25578 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$	$25627 := 0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^0 + 6^1 + 7^5 + 8^4 + 9^2$	$25676 := 0^0 + 1^9 - 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$
$25579 := 0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^1 + 8^2 + 9^4$	$25628 := 0^6 + 1^8 + 2^7 + 3^9 + 4^0 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$	$25677 := 0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^3 + 6^2 + 7^5 + 8^4 + 9^0$
$25580 := 0^6 + 1^8 + 2^7 + 3^9 + 4^2 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$	$25629 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$	$25678 := 0^3 + 1^9 - 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^0 + 9^2$
$25581 := 0^1 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^3 + 9^0$	$25630 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$	$25679 := 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$
$25582 := 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^2 + 6^4 + 7^3 + 8^0 + 9^1$	$25631 := 0^8 + 1^0 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$	$25680 := 0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$
$25583 := 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^0 + 8^4 + 9^3$	$25632 := 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^4 + 9^3$	$25681 := 0^8 + 1^9 + 2^1 + 3^7 + 4^5 + 5^6 + 6^3 + 7^0 + 8^2 + 9^4$
$25584 := 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^4 + 9^3$	$25633 := 0^5 - 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^1 + 7^4 + 8^3 + 9^0$	$25682 := 0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^2 + 8^0 + 9^4$
$25585 := 0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^2 + 8^1 + 9^0$	$25634 := 0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^0 + 9^3$	$25683 := 0^7 + 1^8 + 2^9 + 3^0 + 4^6 + 5^3 + 6^2 + 7^5 + 8^4 + 9^1$

25684 := $0^8 - 1^9 + 2^0 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^2 + 9^4$	25733 := $0^8 + 1^9 - 2^6 + 3^7 + 4^2 + 5^0 + 6^3 + 7^5 + 8^1 + 9^4$	25782 := $0^1 + 1^8 - 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
25685 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^5 + 7^2 + 8^3 + 9^4$	25734 := $0^8 + 1^9 - 2^1 - 3^7 + 4^0 + 5^6 + 6^5 + 7^3 + 8^4 + 9^2$	25783 := $0^3 - 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^0$
25686 := $0^8 + 1^9 + 2^0 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^2 + 9^4$	25735 := $0^5 + 1^8 - 2^7 + 3^9 + 4^6 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3$	25784 := $0^3 - 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
25687 := $0^7 - 1^0 + 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$	25736 := $0^8 - 1^9 - 2^6 + 3^7 + 4^1 + 5^2 + 6^3 + 7^5 + 8^0 + 9^4$	25785 := $0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^0$
25688 := $-0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$	25737 := $0^5 - 1^9 + 2^4 - 3^8 + 4^7 + 5^6 + 6^3 + 7^2 + 8^1 + 9^0$	25786 := $0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
25689 := $0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$	25738 := $0^8 + 1^9 - 2^6 + 3^7 + 4^1 + 5^2 + 6^3 + 7^5 + 8^0 + 9^4$	25787 := $0^6 - 1^9 + 2^8 + 3^2 + 4^7 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$
25690 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^2 + 8^1 + 9^4$	25739 := $0^8 - 1^9 + 2^4 + 3^7 + 4^3 + 5^6 + 6^5 + 7^1 + 8^2 + 9^0$	25788 := $0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3$
25691 := $0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^5 + 7^1 + 8^3 + 9^0$	25740 := $0^2 + 1^8 - 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3$	25789 := $0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$
25692 := $0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$	25741 := $0^8 + 1^9 + 2^4 + 3^7 + 4^3 + 5^6 + 6^5 + 7^1 + 8^2 + 9^0$	25790 := $0^8 + 1^9 + 2^6 + 3^7 + 4^0 + 5^3 + 6^2 + 7^5 + 8^1 + 9^4$
25693 := $0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^4 + 7^5 + 8^2 + 9^3$	25742 := $0^8 + 1^9 - 2^6 + 3^7 + 4^0 + 5^2 + 6^3 + 7^5 + 8^1 + 9^4$	25791 := $0^6 - 1^8 - 2^9 + 3^2 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
25694 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$	25743 := $0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0$	25792 := $0^6 + 1^8 - 2^9 + 3^2 + 4^7 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
25695 := $0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$	25744 := $0^7 + 1^8 - 2^6 + 3^9 + 4^1 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$	25793 := $0^6 + 1^8 - 2^9 + 3^2 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
25696 := $-0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$	25745 := $0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^5 + 7^0 + 8^3 + 9^2$	25794 := $0^1 - 1^7 + 2^8 + 3^9 - 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
25697 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^0 + 8^2 + 9^4$	25746 := $0^7 + 1^8 - 2^6 + 3^9 + 4^0 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2$	25795 := $0^1 - 1^8 - 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$
25698 := $0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$	25747 := $0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^5 + 7^1 + 8^3 + 9^2$	25796 := $0^1 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$
25699 := $0^3 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^0 + 8^1 + 9^4$	25748 := $-0^0 + 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^2 + 9^1$	25797 := $0^1 + 1^8 - 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$
25700 := $0^5 + 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2$	25749 := $0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^0 + 6^4 + 7^3 + 8^2 + 9^1$	25798 := $0^1 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^0 + 9^3$
25701 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1$	25750 := $0^8 - 1^9 + 2^2 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^4$	25799 := $0^8 - 1^9 + 2^2 - 3^7 + 4^6 + 5^0 + 6^1 + 7^5 + 8^3 + 9^4$
25702 := $-0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^1 + 8^2 + 9^4$	25751 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^2 + 6^4 + 7^0 + 8^3 + 9^1$	25800 := $-0^0 - 1^8 - 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$
25703 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3$	25752 := $0^8 + 1^9 + 2^2 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^4$	25801 := $0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^1 + 6^4 + 7^0 + 8^3 + 9^2$
25704 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^5 + 7^1 + 8^2 + 9^4$	25753 := $0^8 - 1^9 + 2^6 + 3^7 + 4^3 + 5^0 + 6^1 + 7^5 + 8^2 + 9^4$	25802 := $-0^0 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$
25705 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^0 + 6^2 + 7^1 + 8^4 + 9^3$	25754 := $0^8 + 1^9 + 2^2 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^1 + 9^4$	25803 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^1 + 6^4 + 7^0 + 8^3 + 9^2$
25706 := $0^6 - 1^7 + 2^8 + 3^9 + 4^2 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$	25755 := $0^8 + 1^9 + 2^6 + 3^7 + 4^3 + 5^0 + 6^1 + 7^5 + 8^2 + 9^4$	25804 := $-0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$
25707 := $0^6 + 1^7 + 2^8 + 3^9 + 4^2 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$	25756 := $0^2 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^1 + 8^0 + 9^3$	25805 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^0 + 6^4 + 7^1 + 8^3 + 9^2$
25708 := $0^6 + 1^7 + 2^8 + 3^9 + 4^2 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$	25757 := $0^2 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$	25806 := $0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^2 + 8^1 + 9^3$
25709 := $0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^2 + 6^4 + 7^3 + 8^1 + 9^0$	25758 := $0^8 + 1^9 + 2^4 + 3^7 + 4^3 + 5^6 + 6^5 + 7^1 + 8^0 + 9^2$	25807 := $0^7 - 1^8 + 2^6 + 3^9 + 4^2 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$
25710 := $0^3 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^2 + 8^0 + 9^4$	25759 := $0^8 + 1^9 + 2^4 + 3^7 + 4^3 + 5^6 + 6^5 + 7^0 + 8^1 + 9^2$	25808 := $0^8 + 1^9 + 2^1 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4$
25711 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^1 + 6^4 + 7^5 + 8^3 + 9^0$	25760 := $0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$	25809 := $0^7 + 1^8 + 2^6 + 3^9 + 4^2 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$
25712 := $0^3 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^2 + 8^1 + 9^4$	25761 := $0^7 - 1^8 + 2^9 + 3^0 + 4^6 + 5^2 + 6^3 + 7^5 + 8^4 + 9^1$	25810 := $0^7 - 1^8 + 2^6 + 3^9 + 4^2 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1$
25713 := $0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^5 + 7^2 + 8^3 + 9^0$	25762 := $0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^1 + 6^4 + 7^3 + 8^0 + 9^2$	25811 := $0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^2 + 9^0$
25714 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$	25763 := $0^7 + 1^8 + 2^9 + 3^0 + 4^6 + 5^2 + 6^3 + 7^5 + 8^4 + 9^1$	25812 := $0^7 + 1^8 + 2^6 + 3^9 + 4^2 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1$
25715 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1$	25764 := $-0^0 + 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^1 + 9^2$	25813 := $0^1 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^0 + 8^2 + 9^3$
25716 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3$	25765 := $0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^0 + 6^4 + 7^3 + 8^1 + 9^2$	25814 := $0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^4 + 8^2 + 9^1$
25717 := $0^4 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^5 + 7^2 + 8^3 + 9^1$	25766 := $0^6 - 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$	25815 := $0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^3 + 8^2 + 9^0$
25718 := $0^8 + 1^9 + 2^6 + 3^7 + 4^3 + 5^2 + 6^0 + 7^5 + 8^1 + 9^4$	25767 := $0^4 - 1^9 + 2^5 - 3^8 + 4^7 + 5^6 + 6^3 + 7^1 + 8^2 + 9^0$	25816 := $0^8 + 1^9 + 2^6 + 3^7 + 4^0 + 5^3 + 6^1 + 7^5 + 8^2 + 9^4$
25719 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^2 + 6^4 + 7^5 + 8^3 + 9^0$	25768 := $0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$	25817 := $0^4 - 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^5 + 7^3 + 8^2 + 9^1$
25720 := $0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^3 + 6^0 + 7^5 + 8^4 + 9^2$	25769 := $0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^1 + 6^4 + 7^2 + 8^3 + 9^0$	25818 := $-0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^1 + 8^2 + 9^3$
25721 := $0^7 - 1^8 + 2^9 - 3^0 + 4^6 + 5^3 + 6^1 + 7^5 + 8^4 + 9^2$	25770 := $0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^3 + 6^0 + 7^5 + 8^1 + 9^4$	25819 := $0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^5 + 7^3 + 8^2 + 9^1$
25722 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^3 + 6^0 + 7^5 + 8^4 + 9^2$	25771 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^1 + 6^4 + 7^2 + 8^3 + 9^0$	25820 := $0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^4 + 7^1 + 8^2 + 9^3$
25723 := $0^3 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^2 + 9^4$	25772 := $0^6 + 1^7 + 2^8 + 3^9 + 4^0 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$	25821 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3$
25724 := $0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1$	25773 := $0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$	25822 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$
25725 := $0^3 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^2 + 9^4$	25774 := $0^6 - 1^7 + 2^9 + 3^8 + 4^0 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2$	25823 := $0^7 + 1^8 - 2^9 + 3^1 + 4^2 + 5^6 + 6^5 + 7^4 + 8^3 + 9^0$
25726 := $0^3 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^1 + 8^2 + 9^4$	25775 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$	25824 := $0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
25727 := $0^8 + 1^9 + 2^4 + 3^7 + 4^3 + 5^6 + 6^5 + 7^2 + 8^1 + 9^0$	25776 := $0^6 + 1^7 + 2^9 + 3^8 + 4^0 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2$	25825 := $0^6 - 1^8 + 2^9 + 3^2 + 4^7 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0$
25728 := $0^8 + 1^9 + 2^4 + 3^7 + 4^3 + 5^6 + 6^5 + 7^2 + 8^0 + 9^1$	25777 := $0^4 - 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^3 + 8^1 + 9^0$	25826 := $0^3 - 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$
25729 := $0^8 + 1^9 + 2^6 + 3^7 + 4^3 + 5^0 + 6^2 + 7^5 + 8^1 + 9^4$	25778 := $0^4 - 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^3 + 8^0 + 9^1$	25827 := $0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0$
25730 := $0^8 + 1^9 - 2^6 + 3^7 + 4^2 + 5^1 + 6^3 + 7^5 + 8^0 + 9^4$	25779 := $0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^3 + 8^1 + 9^0$	25828 := $0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$
25731 := $0^6 + 1^8 + 2^9 + 3^0 + 4^7 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$	25780 := $0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^3 + 8^0 + 9^1$	25829 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^1 + 9^0$
25732 := $0^5 + 1^8 - 2^7 + 3^9 + 4^6 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3$	25781 := $0^2 + 1^9 - 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^0 + 8^3 + 9^1$	25830 := $0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^4 + 8^1 + 9^2$

25831 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3$
25832 := $0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^3 + 8^0 + 9^2$
25833 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^0 + 6^2 + 7^1 + 8^4 + 9^3$
25834 := $0^4 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$
25835 := $0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^5 + 7^3 + 8^1 + 9^2$
25836 := $0^2 + 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^0 + 9^3$
25837 := $0^6 - 1^9 + 2^8 + 3^1 + 4^7 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$
25838 := $0^2 + 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^4 + 8^1 + 9^3$
25839 := $0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$
25840 := $0^7 - 1^9 + 2^2 + 3^8 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1$
25841 := $0^7 + 1^9 + 2^2 + 3^8 + 4^5 + 5^6 + 6^3 + 7^4 + 8^1 + 9^0$
25842 := $0^7 + 1^9 + 2^2 + 3^8 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1$
25843 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^2 + 9^0$
25844 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3$
25845 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^0 + 8^2 + 9^1$
25846 := $0^6 + 1^9 - 2^8 - 3^3 + 4^7 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4$
25847 := $0^4 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$
25848 := $0^4 + 1^9 - 2^5 - 3^8 + 4^7 + 5^6 + 6^1 + 7^3 + 8^0 + 9^2$
25849 := $0^4 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^3 + 7^0 + 8^2 + 9^1$
25850 := $0^5 - 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^1 + 7^4 + 8^0 + 9^3$
25851 := $0^1 - 1^9 - 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2$
25852 := $0^5 + 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^1 + 7^4 + 8^0 + 9^3$
25853 := $0^1 + 1^9 - 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2$
25854 := $0^5 + 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^0 + 7^4 + 8^1 + 9^3$
25855 := $0^2 + 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^3 + 9^1$
25856 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^3 + 8^0 + 9^4$
25857 := $0^2 - 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4$
25858 := $0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^1 + 6^3 + 7^5 + 8^0 + 9^4$
25859 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^3 + 8^1 + 9^4$
25860 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$
25861 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2$
25862 := $0^6 + 1^9 - 2^5 + 3^8 + 4^7 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1$
25863 := $0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$
25864 := $0^8 - 1^9 + 2^6 + 3^7 + 4^1 + 5^2 + 6^3 + 7^5 + 8^0 + 9^4$
25865 := $0^4 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$
25866 := $0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^2 + 6^3 + 7^5 + 8^0 + 9^4$
25867 := $0^6 - 1^8 + 2^9 + 3^0 + 4^7 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1$
25868 := $0^5 - 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^2 + 7^4 + 8^0 + 9^3$
25869 := $0^6 + 1^8 + 2^9 + 3^0 + 4^7 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1$
25870 := $0^5 + 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^2 + 7^4 + 8^0 + 9^3$
25871 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3$
25872 := $0^7 + 1^8 + 2^6 + 3^9 + 4^1 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2$
25873 := $0^6 + 1^8 + 2^7 + 3^9 + 4^2 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$
25874 := $0^5 + 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$
25875 := $0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^2 + 6^4 + 7^1 + 8^3 + 9^0$
25876 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^0 + 9^4$
25877 := $0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^2 + 6^4 + 7^1 + 8^3 + 9^0$
25878 := $0^2 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4$
25879 := $0^2 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4$
25880 := $-0^0 - 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4$
25881 := $0^7 - 1^0 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4$
25882 := $-0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4$
25883 := $0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4$
25884 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^3 + 8^1 + 9^4$
25885 := $0^6 - 1^9 - 2^8 + 3^3 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$
25886 := $0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^2 + 6^0 + 7^5 + 8^4 + 9^3$
25887 := $0^8 - 1^9 + 2^7 + 3^0 + 4^6 + 5^2 + 6^1 + 7^5 + 8^4 + 9^3$
25888 := $0^7 + 1^8 - 2^9 + 3^1 + 4^0 + 5^6 + 6^5 + 7^4 + 8^3 + 9^2$
25889 := $0^8 + 1^9 + 2^7 + 3^0 + 4^6 + 5^2 + 6^1 + 7^5 + 8^4 + 9^3$
25890 := $0^7 - 1^8 + 2^5 + 3^9 + 4^6 + 5^1 + 6^4 + 7^2 +$

$$\begin{aligned} 25978 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2 \\ 25979 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2 \\ 25980 &:= 0^3 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^1 + 8^2 + 9^4 \\ 25981 &:= 0^3 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^2 + 9^4 \\ 25982 &:= 0^3 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^1 + 8^2 + 9^4 \\ 25983 &:= 0^4 + 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^5 + 7^0 + 8^2 + 9^1 \\ 25984 &:= 0^8 + 1^9 + 2^7 + 3^3 + 4^2 + 5^6 + 6^5 + 7^4 + 8^0 + 9^1 \\ 25985 &:= 0^8 + 1^9 - 2^4 + 3^7 + 4^1 + 5^6 + 6^5 + 7^3 + 8^2 + 9^0 \end{aligned}$$

$$\begin{aligned} 25986 &:= 0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3 \\ 25987 &:= 0^5 - 1^9 - 2^4 - 3^8 + 4^7 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0 \\ 25988 &:= 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3 \\ 25989 &:= 0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3 \\ 25990 &:= 0^4 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^1 + 7^3 + 8^0 + 9^2 \\ 25991 &:= 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3 \\ 25992 &:= 0^4 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^0 + 7^3 + 8^1 + 9^2 \\ 25993 &:= 0^8 - 1^9 + 2^7 - 3^2 + 4^3 + 5^6 + 6^5 + 7^4 + 8^1 + 9^0 \end{aligned}$$

$$\begin{aligned} 25994 &:= 0^2 - 1^9 - 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3 \\ 25995 &:= 0^1 - 1^9 - 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^2 + 9^0 \\ 25996 &:= 0^4 - 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^5 + 7^1 + 8^0 + 9^2 \\ 25997 &:= 0^4 - 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^5 + 7^0 + 8^1 + 9^2 \\ 25998 &:= 0^4 + 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^5 + 7^1 + 8^0 + 9^2 \\ 25999 &:= 0^4 + 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^5 + 7^0 + 8^1 + 9^2 \\ 26000 &:= 0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^1 + 6^0 + 7^5 + 8^4 + 9^3 \end{aligned}$$

$$\begin{aligned} 26001 &:= 0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^0 + 8^3 + 9^2 \\ 26002 &:= 0^2 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^4 \\ 26003 &:= 0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^5 + 7^1 + 8^3 + 9^2 \\ 26004 &:= 0^2 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^4 \\ 26005 &:= 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^0 + 6^4 + 7^1 + 8^2 + 9^3 \\ 26006 &:= 0^2 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^1 + 9^4 \\ 26007 &:= 0^2 + 1^3 + 2^8 + 3^6 - 4^9 + 5^5 + 6^7 + 7^1 + 8^4 + 9^0 \\ 26008 &:= 0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^3 + 6^1 + 7^5 + 8^2 + 9^4 \\ 26009 &:= 0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2 \\ 26010 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2 \\ 26011 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2 \\ 26012 &:= 0^7 - 1^9 + 2^8 + 3^1 + 4^6 + 5^2 + 6^0 + 7^5 + 8^4 + 9^3 \\ 26013 &:= 0^8 + 1^9 + 2^7 + 3^2 + 4^3 + 5^6 + 6^5 + 7^4 + 8^1 + 9^0 \\ 26014 &:= 0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^2 + 6^0 + 7^5 + 8^4 + 9^3 \\ 26015 &:= 0^7 - 1^9 + 2^8 + 3^0 + 4^6 + 5^2 + 6^1 + 7^5 + 8^4 + 9^3 \\ 26016 &:= 0^7 + 1^8 - 2^9 - 3^2 + 4^1 + 5^6 + 6^5 + 7^4 + 8^0 + 9^3 \\ 26017 &:= 0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^2 + 6^1 + 7^5 + 8^4 + 9^3 \\ 26018 &:= -0^0 - 1^9 - 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^1 + 9^2 \\ 26019 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^2 + 7^4 + 8^3 + 9^0 \\ 26020 &:= 0^8 - 1^9 + 2^4 + 3^7 + 4^0 + 5^6 + 6^5 + 7^3 + 8^2 + 9^1 \\ 26021 &:= 0^1 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^4 + 8^2 + 9^0 \\ 26022 &:= 0^8 + 1^9 + 2^4 + 3^7 + 4^0 + 5^6 + 6^5 + 7^3 + 8^2 + 9^1 \\ 26023 &:= 0^2 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^3 + 9^4 \\ 26024 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^0 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1 \\ 26025 &:= 0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^0 + 8^3 + 9^4 \\ 26026 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^2 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3 \\ 26027 &:= 0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^1 + 8^3 + 9^4 \\ 26028 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^2 + 5^5 + 6^0 + 7^4 + 8^1 + 9^3 \\ 26029 &:= 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^3 + 6^2 + 7^4 + 8^1 + 9^0 \\ 26030 &:= 0^0 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1 \\ 26031 &:= 0^8 + 1^9 - 2^2 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0 \\ 26032 &:= 0^8 + 1^9 + 2^7 + 3^3 + 4^0 + 5^6 + 6^5 + 7^4 + 8^2 + 9^1 \\ 26033 &:= 0^1 + 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0 \\ 26034 &:= 0^1 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4 \\ 26035 &:= 0^4 - 1^9 + 2^5 - 3^8 + 4^7 + 5^6 + 6^2 + 7^1 + 8^3 + 9^0 \\ 26036 &:= 0^1 - 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2 \\ 26037 &:= 0^8 - 1^9 + 2^2 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0 \\ 26038 &:= 0^1 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2 \\ 26039 &:= 0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0 \\ 26040 &:= -0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^4 \end{aligned}$$

$$\begin{aligned} 26041 &:= 0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^4 + 6^5 + 7^0 + 8^3 + 9^1 \\ 26042 &:= 0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^4 \\ 26043 &:= 0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4 \\ 26044 &:= 0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3 \\ 26045 &:= 0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^0 + 8^3 + 9^4 \\ 26046 &:= 0^0 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2 \\ 26047 &:= 0^6 - 1^9 - 2^8 + 3^2 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4 \\ 26048 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^0 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3 \\ 26049 &:= 0^7 - 1^0 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4 \\ 26050 &:= 0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^1 + 6^3 + 7^5 + 8^0 + 9^4 \\ 26051 &:= 0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4 \\ 26052 &:= 0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^5 + 7^1 + 8^3 + 9^4 \\ 26053 &:= 0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^0 + 6^3 + 7^5 + 8^1 + 9^4 \\ 26054 &:= 0^5 + 1^9 - 2^6 + 3^8 + 4^7 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3 \\ 26055 &:= 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^3 + 6^1 + 7^4 + 8^2 + 9^0 \\ 26056 &:= 0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1 \\ 26057 &:= 0^5 + 1^9 - 2^6 + 3^8 + 4^7 + 5^0 + 6^2 + 7^4 + 8^1 + 9^3 \\ 26058 &:= 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1 \\ 26059 &:= 0^9 + 1^0 - 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3 \\ 26060 &:= 0^1 - 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4 \\ 26061 &:= 0^8 - 1^9 + 2^7 + 3^1 + 4^3 + 5^6 + 6^5 + 7^4 + 8^2 + 9^0 \\ 26062 &:= 0^1 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4 \\ 26063 &:= 0^8 + 1^9 + 2^7 + 3^1 + 4^3 + 5^6 + 6^5 + 7^4 + 8^2 + 9^0 \\ 26064 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2 \\ 26065 &:= 0^9 - 1^0 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^4 \\ 26066 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^0 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2 \\ 26067 &:= 0^9 + 1^0 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^4 \\ 26068 &:= 0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^4 \\ 26069 &:= 0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^5 + 7^2 + 8^3 + 9^4 \\ 26070 &:= 0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2 \\ 26071 &:= 0^7 - 1^0 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^2 + 8^3 + 9^4 \\ 26072 &:= 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2 \\ 26073 &:= 0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^2 + 8^3 + 9^4 \\ 26074 &:= 0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^5 + 7^2 + 8^3 + 9^4 \\ 26075 &:= 0^8 + 1^9 - 2^1 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0 \\ 26076 &:= 0^5 + 1^7 - 2^9 + 3^8 + 4^0 + 5^6 + 6^3 + 7^1 + 8^4 + 9^2 \\ 26077 &:= 0^8 - 1^9 + 2^1 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0 \\ 26078 &:= 0^6 - 1^8 + 2^9 + 3^1 + 4^7 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3 \\ 26079 &:= 0^8 + 1^9 + 2^1 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0 \\ 26080 &:= 0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3 \end{aligned}$$

$$\begin{aligned} 26081 &:= 0^5 - 1^9 - 2^6 + 3^8 + 4^7 + 5^0 + 6^1 + 7^4 + 8^2 + 9^3 \\ 26082 &:= 0^5 + 1^9 - 2^6 + 3^8 + 4^7 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3 \\ 26083 &:= 0^3 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^1 + 9^0 \\ 26084 &:= 0^3 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^0 + 9^1 \\ 26085 &:= 0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^1 + 9^0 \\ 26086 &:= 0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^0 + 9^1 \\ 26087 &:= 0^4 + 1^9 - 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^0 + 8^1 + 9^3 \\ 26088 &:= 0^6 - 1^8 + 2^7 + 3^9 + 4^2 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3 \\ 26089 &:= 0^6 + 1^9 - 2^5 + 3^8 + 4^7 + 5^0 + 6^2 + 7^4 + 8^1 + 9^3 \\ 26090 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^2 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3 \\ 26091 &:= 0^6 - 1^8 - 2^9 - 3^3 + 4^7 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0 \\ 26092 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^2 + 5^5 + 6^0 + 7^4 + 8^1 + 9^3 \\ 26093 &:= 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3 \\ 26094 &:= 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^2 + 6^4 + 7^1 + 8^0 + 9^3 \\ 26095 &:= 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^2 + 6^4 + 7^0 + 8^1 + 9^3 \\ 26096 &:= 0^6 - 1^9 + 2^8 + 3^7 + 4^0 + 5^1 + 6^3 + 7^5 + 8^2 + 9^4 \\ 26097 &:= 0^6 + 1^9 + 2^8 + 3^7 + 4^1 + 5^0 + 6^3 + 7^5 + 8^2 + 9^4 \\ 26098 &:= 0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^1 + 6^3 + 7^5 + 8^2 + 9^4 \\ 26099 &:= 0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^2 + 9^0 \\ 26100 &:= 0^0 + 1^8 + 2^2 + 3^6 - 4^9 + 5^5 + 6^7 + 7^3 + 8^4 + 9^1 \\ 26101 &:= 0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^0 + 8^2 + 9^1 \\ 26102 &:= 0^6 - 1^9 + 2^1 + 3^8 - 4^7 + 5^2 + 6^0 + 7^4 + 8^5 + 9^3 \\ 26103 &:= 0^6 + 1^9 - 2^8 + 3^0 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4 \\ 26104 &:= 0^8 - 1^9 - 2^6 + 3^3 + 4^7 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4 \\ 26105 &:= 0^8 + 1^9 - 2^6 + 3^3 + 4^7 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4 \\ 26106 &:= 0^6 - 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3 \\ 26107 &:= 0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0 \\ 26108 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3 \\ 26109 &:= 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0 \\ 26110 &:= 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1 \\ 26111 &:= 0^7 + 1^9 + 2^8 + 3^3 + 4^2 + 5^6 + 6^5 + 7^4 + 8^1 + 9^0 \\ 26112 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^0 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3 \\ 26113 &:= 0^4 - 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0 \\ 26114 &:= 0^3 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2 \\ 26115 &:= 0^3 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2 \\ 26116 &:= 0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2 \\ 26117 &:= 0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2 \\ 26118 &:= -0^0 + 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^1 + 9^3 \\ 26119 &:= 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3 \\ 26120 &:= 0^0 + 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^1 + 9^3 \end{aligned}$$

$$\begin{aligned}
 26121 &:= 0^2 - 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0 \\
 26122 &:= 0^2 - 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1 \\
 26123 &:= 0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0 \\
 26124 &:= 0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1 \\
 26125 &:= 0^1 - 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^2 + 9^3 \\
 26126 &:= -0^0 + 1^8 + 2^9 - 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4 \\
 26127 &:= 0^1 + 1^8 - 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^2 + 9^3 \\
 26128 &:= 0^4 - 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1 \\
 26129 &:= 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3 \\
 26130 &:= 0^4 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1 \\
 26131 &:= 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^1 + 6^4 + 7^0 + 8^2 + 9^3 \\
 26132 &:= 0^2 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4 \\
 26133 &:= 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^0 + 6^4 + 7^1 + 8^2 + 9^3 \\
 26134 &:= 0^2 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4 \\
 26135 &:= 0^2 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4 \\
 26136 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3 \\
 26137 &:= 0^5 + 1^7 - 2^9 + 3^8 + 4^2 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0 \\
 26138 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^0 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3 \\
 26139 &:= 0^7 - 1^9 + 2^8 + 3^2 + 4^3 + 5^6 + 6^5 + 7^4 + 8^1 + 9^0 \\
 26140 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3 \\
 26141 &:= 0^7 + 1^9 + 2^8 + 3^2 + 4^3 + 5^6 + 6^5 + 7^4 + 8^1 + 9^0 \\
 26142 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^2 + 6^0 + 7^4 + 8^1 + 9^3 \\
 26143 &:= 0^8 + 1^9 + 2^4 + 3^7 + 4^2 + 5^6 + 6^5 + 7^0 + 8^3 + 9^1 \\
 26144 &:= 0^7 + 1^9 - 2^8 + 3^1 + 4^0 + 5^6 + 6^5 + 7^4 + 8^3 + 9^2 \\
 26145 &:= 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0 \\
 26146 &:= 0^7 + 1^9 - 2^4 - 3^8 + 4^0 + 5^6 + 6^3 + 7^5 + 8^2 + 9^1 \\
 26147 &:= 0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1 \\
 26148 &:= 0^6 - 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3 \\
 26149 &:= 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1 \\
 26150 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3 \\
 26151 &:= 0^6 - 1^9 + 2^5 + 3^8 + 4^7 + 5^0 + 6^2 + 7^4 + 8^1 + 9^3 \\
 26152 &:= 0^8 - 1^9 + 2^6 + 3^7 + 4^2 + 5^1 + 6^0 + 7^5 + 8^3 + 9^4 \\
 26153 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^0 + 6^2 + 7^4 + 8^1 + 9^3 \\
 26154 &:= 0^8 + 1^9 + 2^6 + 3^7 + 4^2 + 5^1 + 6^0 + 7^5 + 8^3 + 9^4 \\
 26155 &:= 0^7 + 1^9 + 2^8 + 3^3 + 4^1 + 5^6 + 6^5 + 7^4 + 8^2 + 9^0 \\
 26156 &:= -0^0 - 1^9 - 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^3 + 9^1 \\
 26157 &:= 0^3 - 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^1 + 9^0 \\
 26158 &:= 0^3 - 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^0 + 9^1 \\
 26159 &:= 0^3 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^1 + 9^0 \\
 26160 &:= 0^3 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^0 + 9^1 \\
 26161 &:= 0^7 - 1^9 + 2^1 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0 \\
 26162 &:= 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2 \\
 26163 &:= 0^7 + 1^9 + 2^1 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0 \\
 26164 &:= 0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^1 + 8^0 + 9^3 \\
 26165 &:= 0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^0 + 8^1 + 9^3 \\
 26166 &:= 0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^2 + 6^0 + 7^5 + 8^1 + 9^4 \\
 26167 &:= 0^3 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^0 \\
 26168 &:= 0^3 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1 \\
 26169 &:= 0^3 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^0 \\
 26170 &:= 0^3 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1 \\
 26171 &:= 0^8 + 1^9 + 2^4 + 3^7 + 4^1 + 5^6 + 6^5 + 7^2 + 8^3 + 9^0 \\
 26172 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3 \\
 26173 &:= 0^2 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^3 + 9^4 \\
 26174 &:= 0^2 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^1 + 8^3 + 9^4 \\
 26175 &:= 0^3 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^2 + 9^1 \\
 26176 &:= 0^1 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^2 + 8^0 + 9^4 \\
 26177 &:= 0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^0 + 6^2 + 7^5 + 8^1 + 9^4 \\
 26178 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3 \\
 26179 &:= 0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0 \\
 26180 &:= 0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3 \\
 26181 &:= 0^8 - 1^0 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^2 + 8^1 + 9^4 \\
 26182 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3 \\
 26183 &:= 0^8 + 1^0 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^2 + 8^1 + 9^4 \\
 26184 &:= 0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^2 + 8^1 + 9^4 \\
 26185 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^0 + 6^2 + 7^4 + 8^1 + 9^3 \\
 26186 &:= 0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^2 + 8^0 + 9^3 \\
 26187 &:= 0^9 + 1^0 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1 \\
 26188 &:= 0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1 \\
 26189 &:= 0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^5 + 7^2 + 8^1 + 9^3 \\
 26190 &:= 0^3 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^0 + 9^2 \\
 26191 &:= 0^1 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^0 + 8^2 + 9^4 \\
 26192 &:= 0^6 - 1^8 - 2^9 + 3^2 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1 \\
 26193 &:= 0^3 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^2 + 9^0 \\
 26194 &:= 0^1 - 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2 \\
 26195 &:= 0^3 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^2 + 9^0 \\
 26196 &:= 0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2 \\
 26197 &:= 0^7 + 1^9 + 2^8 + 3^0 + 4^3 + 5^6 + 6^5 + 7^4 + 8^2 + 9^1 \\
 26198 &:= 0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^3 + 7^1 + 8^2 + 9^4 \\
 26199 &:= 0^4 - 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3 \\
 26200 &:= 0^6 - 1^8 + 2^9 + 3^7 + 4^3 + 5^1 + 6^0 + 7^5 + 8^2 + 9^4 \\
 26201 &:= 0^4 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3 \\
 26202 &:= 0^6 + 1^8 + 2^9 + 3^7 + 4^3 + 5^1 + 6^0 + 7^5 + 8^2 + 9^4 \\
 26203 &:= 0^1 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^0 + 8^3 + 9^4 \\
 26204 &:= 0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2 \\
 26205 &:= 0^8 - 1^9 + 2^6 + 3^3 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4 \\
 26206 &:= 0^8 + 1^9 + 2^4 + 3^7 + 4^0 + 5^6 + 6^5 + 7^1 + 8^3 + 9^2 \\
 26207 &:= 0^8 + 1^9 + 2^6 + 3^3 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4 \\
 26208 &:= 0^7 + 1^9 + 2^1 + 3^8 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2 \\
 26209 &:= 0^9 + 1^0 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^3 + 9^4 \\
 26210 &:= 0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^3 + 9^4 \\
 26211 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^0 + 6^1 + 7^4 + 8^2 + 9^3 \\
 26212 &:= 0^3 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2 \\
 26213 &:= 0^4 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^3 + 8^1 + 9^0 \\
 26214 &:= 0^3 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^4 + 8^1 + 9^2 \\
 26215 &:= 0^5 + 1^7 - 2^8 + 3^9 + 4^6 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1 \\
 26216 &:= 0^1 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^0 + 7^2 + 8^3 + 9^4 \\
 26217 &:= 0^4 + 1^9 - 2^5 - 3^8 + 4^7 + 5^6 + 6^1 + 7^0 + 8^2 + 9^3 \\
 26218 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^2 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2 \\
 26219 &:= 0^9 - 1^0 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^2 + 8^3 + 9^4 \\
 26220 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^2 + 5^5 + 6^0 + 7^4 + 8^1 + 9^3 \\
 26221 &:= 0^9 + 1^0 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^2 + 8^3 + 9^4 \\
 26222 &:= 0^0 + 1^9 + 2^8 + 3^7 + 4^5 + 5^6 + 6^1 + 7^2 + 8^3 + 9^4 \\
 26223 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^2 + 8^1 + 9^0 \\
 26224 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^2 + 8^0 + 9^1 \\
 26225 &:= 0^2 + 1^9 - 2^7 - 3^8 + 4^4 + 5^6 + 6^3 + 7^5 + 8^1 + 9^0 \\
 26226 &:= 0^6 + 1^9 - 2^8 + 3^1 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4 \\
 26227 &:= 0^6 - 1^9 - 2^8 + 3^0 + 4^7 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4 \\
 26228 &:= 0^5 + 1^7 - 2^8 + 3^9 + 4^6 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2 \\
 26229 &:= 0^6 + 1^9 - 2^8 + 3^0 + 4^7 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4 \\
 26230 &:= 0^4 + 1^9 + 2^1 - 3^8 - 4^7 + 5^6 + 6^0 + 7^2 + 8^5 + 9^3 \\
 26231 &:= 0^8 - 1^9 + 2^6 + 3^3 + 4^7 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4 \\
 26232 &:= 0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^3 + 6^2 + 7^5 + 8^0 + 9^4 \\
 26233 &:= 0^8 + 1^9 + 2^6 + 3^3 + 4^7 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4 \\
 26234 &:= 0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^3 + 6^2 + 7^5 + 8^0 + 9^4 \\
 26235 &:= 0^4 - 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^1 + 8^2 + 9^0 \\
 26236 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3 \\
 26237 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^1 + 8^2 + 9^0 \\
 26238 &:= 0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^3 + 6^2 + 7^5 + 8^1 + 9^4 \\
 26239 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^0 + 8^2 + 9^1 \\
 26240 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^0 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3 \\
 26241 &:= 0^8 + 1^9 - 2^6 + 3^2 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4 \\
 26242 &:= 0^0 + 1^8 + 2^9 - 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4 \\
 26243 &:= 0^6 + 1^8 - 2^9 + 3^1 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0 \\
 26244 &:= -0^0 - 1^9 + 2^7 + 3^8 - 4^6 + 5^1 + 6^3 + 7^5 + 8^2 + 9^4 \\
 26245 &:= 0^6 - 1^8 - 2^9 - 3^0 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1 \\
 26246 &:= 0^8 - 1^9 - 2^2 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3 \\
 26247 &:= 0^5 - 1^8 - 2^7 + 3^9 + 4^6 + 5^3 + 6^1 + 7^4 + 8^2 + 9^0 \\
 26248 &:= 0^8 + 1^9 - 2^2 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3 \\
 26249 &:= 0^5 + 1^8 - 2^7 + 3^9 + 4^6 + 5^3 + 6^1 + 7^4 + 8^2 + 9^0 \\
 26250 &:= 0^1 + 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^0 + 9^3 \\
 26251 &:= 0^8 + 1^9 - 2^1 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^2 + 9^0 \\
 26252 &:= 0^4 - 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^1 + 8^0 + 9^2 \\
 26253 &:= 0^4 - 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^0 + 8^1 + 9^2 \\
 26254 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^1 + 8^0 + 9^2 \\
 26255 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^0 + 8^1 + 9^2 \\
 26256 &:= 0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^1 + 6^0 + 7^5 + 8^4 + 9^3 \\
 26257 &:= 0^4 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^5 + 7^3 + 8^2 + 9^0 \\
 26258 &:= 0^2 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^4 \\
 26259 &:= 0^2 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^0 \\
 26260 &:= 0^2 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^0 + 9^4 \\
 26261 &:= 0^5 - 1^9 - 2^7 + 3^8 + 4^3 + 5^6 + 6^2 + 7^1 + 8^4 + 9^0 \\
 26262 &:= 0^2 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^1 + 9^4 \\
 26263 &:= 0^5 + 1^9 - 2^7 + 3^8 + 4^3 + 5^6 + 6^2 + 7^1 + 8^4 + 9^0 \\
 26264 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3 \\
 26265 &:= 0^5 + 1^9 - 2^7 + 3^8 + 4^3 + 5^6 + 6^2 + 7^0 + 8^4 + 9^1 \\
 26266 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^0 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3 \\
 26267 &:= 0^4 + 1^5 + 2^9 - 3^8 + 4^7 + 5^6 + 6^3 + 7^0 + 8^1 + 9^2
 \end{aligned}$$

$26268 := 0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^2 + 6^0 + 7^5 + 8^4 + 9^3$
 $26269 := 0^7 - 1^8 + 2^9 - 3^0 + 4^6 + 5^2 + 6^1 + 7^5 + 8^4 + 9^3$
 $26270 := 0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^2 + 6^0 + 7^5 + 8^4 + 9^3$
 $26271 := 0^7 - 1^8 + 2^9 + 3^0 + 4^6 + 5^2 + 6^1 + 7^5 + 8^4 + 9^3$
 $26272 := 0^8 + 1^9 + 2^1 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^0 + 9^2$
 $26273 := 0^7 + 1^8 + 2^9 + 3^0 + 4^6 + 5^2 + 6^1 + 7^5 + 8^4 + 9^3$
 $26274 := 0^4 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^5 + 7^3 + 8^0 + 9^2$
 $26275 := 0^5 + 1^9 - 2^7 + 3^8 + 4^3 + 5^6 + 6^1 + 7^2 + 8^4 + 9^0$
 $26276 := 0^4 - 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^5 + 7^3 + 8^1 + 9^2$
 $26277 := 0^1 - 1^9 + 2^8 - 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
 $26278 := 0^4 + 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^5 + 7^3 + 8^1 + 9^2$
 $26279 := 0^7 - 1^8 + 2^9 + 3^1 + 4^6 + 5^0 + 6^2 + 7^5 + 8^4 + 9^3$
 $26280 := 0^4 - 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$
 $26281 := 0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^0 + 6^2 + 7^5 + 8^4 + 9^3$
 $26282 := 0^4 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$
 $26283 := 0^7 + 1^8 + 2^9 + 3^0 + 4^6 + 5^1 + 6^2 + 7^5 + 8^4 + 9^3$
 $26284 := 0^0 + 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^2 + 9^3$
 $26285 := 0^4 + 1^9 + 2^7 - 3^8 + 4^1 + 5^6 + 6^3 + 7^5 + 8^2 + 9^0$
 $26286 := -0^0 + 1^9 + 2^8 - 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$
 $26287 := 0^1 - 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0$
 $26288 := 0^1 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4$
 $26289 := 0^1 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0$
 $26290 := 0^1 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4$
 $26291 := 0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0$
 $26292 := 0^8 + 1^9 - 2^1 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
 $26293 := 0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^0 + 8^3 + 9^1$
 $26294 := 0^8 - 1^9 + 2^1 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
 $26295 := 0^8 - 1^0 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^4$
 $26296 := 0^8 + 1^9 + 2^1 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
 $26297 := 0^8 + 1^0 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^4$
 $26298 := 0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^4$
 $26299 := 0^7 - 1^9 - 2^8 + 3^0 + 4^2 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$
 $26300 := 0^8 - 1^9 + 2^0 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
 $26301 := 0^7 + 1^9 - 2^8 + 3^0 + 4^2 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$
 $26302 := 0^8 + 1^9 + 2^0 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$
 $26303 := 0^5 + 1^8 - 2^7 + 3^9 + 4^6 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$
 $26304 := 0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^1 + 6^3 + 7^5 + 8^0 + 9^4$
 $26305 := 0^5 - 1^9 - 2^7 + 3^8 + 4^3 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$
 $26306 := 0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^1 + 6^3 + 7^5 + 8^0 + 9^4$
 $26307 := 0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^0 + 6^3 + 7^5 + 8^1 + 9^4$
 $26308 := 0^5 + 1^9 - 2^7 + 3^8 + 4^3 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2$
 $26309 := 0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^0 + 6^3 + 7^5 + 8^1 + 9^4$
 $26310 := 0^4 - 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^1 + 8^0 + 9^2$
 $26311 := 0^8 + 1^9 + 2^1 + 3^6 + 4^7 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$
 $26312 := 0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^2 + 6^3 + 7^5 + 8^0 + 9^4$
 $26313 := 0^4 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$
 $26314 := 0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^2 + 6^3 + 7^5 + 8^0 + 9^4$
 $26315 := 0^2 + 1^9 - 2^8 - 3^6 + 4^7 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3$
 $26316 := 0^8 + 1^9 + 2^0 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$

$26317 := 0^7 - 1^8 - 2^5 + 3^9 + 4^6 + 5^3 + 6^2 + 7^4 + 8^1 + 9^0$
 $26318 := 0^1 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4$
 $26319 := 0^7 + 1^8 - 2^5 + 3^9 + 4^6 + 5^3 + 6^2 + 7^4 + 8^1 + 9^0$
 $26320 := -0^0 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^4$
 $26321 := 0^8 - 1^0 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^4$
 $26322 := -0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^4$
 $26323 := 0^8 + 1^0 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^4$
 $26324 := 0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^3 + 8^2 + 9^4$
 $26325 := 0^2 - 1^9 - 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^1 + 9^3$
 $26326 := 0^2 + 1^9 - 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^0 + 9^3$
 $26327 := 0^2 + 1^9 - 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^1 + 9^3$
 $26328 := 0^6 - 1^9 - 2^4 + 3^8 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$
 $26329 := 0^6 + 1^9 - 2^4 + 3^8 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$
 $26330 := 0^6 + 1^9 - 2^4 + 3^8 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$
 $26331 := 0^1 - 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$
 $26332 := 0^1 - 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$
 $26333 := 0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$
 $26334 := 0^1 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$
 $26335 := 0^6 - 1^7 - 2^9 - 3^8 + 4^4 + 5^1 + 6^2 + 7^3 + 8^5 + 9^0$
 $26336 := -0^0 - 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2$
 $26337 := 0^9 - 1^0 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2$
 $26338 := -0^0 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2$
 $26339 := 0^9 + 1^0 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2$
 $26340 := 0^0 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2$
 $26341 := 0^9 + 1^0 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1$
 $26342 := 0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1$
 $26343 := 0^5 + 1^8 - 2^7 + 3^9 + 4^6 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1$
 $26344 := 0^6 - 1^9 + 2^8 + 3^7 + 4^2 + 5^1 + 6^0 + 7^5 + 8^3 + 9^4$
 $26345 := 0^6 - 1^9 + 2^8 + 3^7 + 4^2 + 5^0 + 6^1 + 7^5 + 8^3 + 9^4$
 $26346 := 0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^1 + 6^0 + 7^5 + 8^3 + 9^4$
 $26347 := 0^6 + 1^9 + 2^8 + 3^7 + 4^2 + 5^0 + 6^1 + 7^5 + 8^3 + 9^4$
 $26348 := 0^2 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1$
 $26349 := 0^2 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^4 + 8^1 + 9^0$
 $26350 := 0^2 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^1$
 $26351 := 0^6 - 1^8 + 2^9 + 3^7 + 4^1 + 5^0 + 6^3 + 7^5 + 8^2 + 9^4$
 $26352 := 0^7 + 1^9 + 2^2 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^0 + 9^3$
 $26353 := 0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^0 + 6^3 + 7^5 + 8^2 + 9^4$
 $26354 := 0^6 + 1^8 + 2^9 + 3^7 + 4^0 + 5^1 + 6^3 + 7^5 + 8^2 + 9^4$
 $26355 := 0^8 + 1^9 + 2^2 - 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$
 $26356 := 0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^2 + 6^1 + 7^5 + 8^3 + 9^4$
 $26357 := 0^8 - 1^9 + 2^4 + 3^7 + 4^2 + 5^6 + 6^5 + 7^0 + 8^1 + 9^3$
 $26358 := 0^8 + 1^9 + 2^4 + 3^7 + 4^2 + 5^6 + 6^5 + 7^1 + 8^0 + 9^3$
 $26359 := 0^8 + 1^9 + 2^4 + 3^7 + 4^2 + 5^6 + 6^5 + 7^0 + 8^1 + 9^3$
 $26360 := 0^6 - 1^9 + 2^4 + 3^8 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$
 $26361 := 0^6 + 1^9 + 2^4 + 3^8 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$
 $26362 := 0^6 + 1^9 + 2^4 + 3^8 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$
 $26363 := 0^1 - 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2$
 $26364 := 0^6 - 1^9 + 2^8 + 3^7 + 4^0 + 5^1 + 6^2 + 7^5 + 8^3 + 9^4$
 $26365 := 0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2$

$26366 := 0^6 + 1^9 + 2^8 + 3^7 + 4^0 + 5^1 + 6^2 + 7^5 + 8^3 + 9^4$
 $26367 := 0^7 + 1^8 + 2^9 + 3^3 + 4^2 + 5^6 + 6^5 + 7^4 + 8^1 + 9^0$
 $26368 := 0^7 + 1^8 + 2^9 + 3^3 + 4^2 + 5^6 + 6^5 + 7^4 + 8^0 + 9^1$
 $26369 := 0^8 + 1^9 + 2^2 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^3 + 9^0$
 $26370 := -0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$
 $26371 := 0^8 + 1^9 + 2^2 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^3 + 9^1$
 $26372 := 0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$
 $26373 := 0^6 - 1^9 + 2^4 + 3^8 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$
 $26374 := 0^7 + 1^9 - 2^5 + 3^8 + 4^3 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1$
 $26375 := 0^6 + 1^9 + 2^4 + 3^8 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$
 $26376 := 0^0 + 1^9 - 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^1 + 9^3$
 $26377 := 0^6 + 1^9 + 2^4 + 3^8 + 4^7 + 5^5 + 6^3 + 7^0 + 8^2 + 9^1$
 $26378 := 0^2 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1$
 $26379 := 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$
 $26380 := 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1$
 $26381 := 0^4 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^1 + 8^3 + 9^0$
 $26382 := 0^7 - 1^8 + 2^5 + 3^9 + 4^6 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$
 $26383 := 0^4 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^0 + 8^3 + 9^1$
 $26384 := 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$
 $26385 := 0^7 + 1^9 + 2^1 + 3^8 - 4^6 + 5^0 + 6^2 + 7^5 + 8^3 + 9^4$
 $26386 := 0^7 + 1^9 + 2^0 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$
 $26387 := 0^9 - 1^0 - 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^2 + 9^3$
 $26388 := 0^8 + 1^9 + 2^4 + 3^7 + 4^1 + 5^6 + 6^5 + 7^2 + 8^0 + 9^3$
 $26389 := 0^9 + 1^0 - 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^2 + 9^3$
 $26390 := 0^6 - 1^9 + 2^4 + 3^8 + 4^7 + 5^5 + 6^3 + 7^1 + 8^0 + 9^2$
 $26391 := 0^6 - 1^9 + 2^4 + 3^8 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$
 $26392 := 0^6 + 1^9 + 2^4 + 3^8 + 4^7 + 5^5 + 6^3 + 7^1 + 8^0 + 9^2$
 $26393 := 0^6 + 1^9 + 2^4 + 3^8 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$
 $26394 := 0^4 - 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$
 $26395 := 0^7 - 1^8 + 2^9 + 3^2 + 4^3 + 5^6 + 6^5 + 7^4 + 8^1 + 9^0$
 $26396 := 0^6 - 1^9 + 2^8 + 3^3 + 4^7 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$
 $26397 := 0^7 + 1^8 + 2^9 + 3^2 + 4^3 + 5^6 + 6^5 + 7^4 + 8^1 + 9^0$
 $26398 := 0^6 + 1^9 + 2^8 + 3^3 + 4^7 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$
 $26399 := 0^6 + 1^9 + 2^8 + 3^3 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$
 $26400 := 0^7 + 1^8 - 2^5 + 3^9 + 4^6 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$
 $26401 := 0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0$
 $26402 := 0^8 - 1^9 + 2^6 + 3^1 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
 $26403 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0$
 $26404 := 0^8 + 1^9 + 2^6 + 3^1 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
 $26405 := 0^1 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^4 + 8^2 + 9^0$
 $26406 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1$
 $26407 := 0^4 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$
 $26408 := 0^7 + 1^9 + 2^1 + 3^8 + 4^5 + 5^6 + 6^0 + 7^4 + 8^2 + 9^3$
 $26409 := 0^4 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$
 $26410 := 0^4 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$
 $26411 := 0^4 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^5 + 7^2 + 8^3 + 9^0$
 $26412 := 0^6 + 1^9 + 2^8 + 3^3 + 4^7 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4$
 $26413 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^1 + 6^2 + 7^4 + 8^3 + 9^0$
 $26414 := 0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1$

26415 := $0^3 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^1 + 9^0$
26416 := $0^3 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^0 + 9^1$
26417 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$
26418 := $0^8 + 1^9 - 2^6 + 3^1 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
26419 := $0^8 + 1^9 + 2^6 + 3^1 + 4^7 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$
26420 := $0^1 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2$
26421 := $0^4 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$
26422 := $0^1 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2$
26423 := $0^4 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$
26424 := $0^6 - 1^9 + 2^8 + 3^3 + 4^7 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$
26425 := $0^4 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^0 + 8^2 + 9^1$
26426 := $0^6 + 1^9 + 2^8 + 3^3 + 4^7 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$
26427 := $0^2 - 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^3 + 9^4$
26428 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^3 + 6^0 + 7^4 + 8^1 + 9^2$
26429 := $0^2 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^1 + 7^0 + 8^3 + 9^4$
26430 := $0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^4 + 8^1 + 9^2$
26431 := $0^3 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^2 + 9^1$
26432 := $0^7 + 1^8 + 2^9 + 3^3 + 4^0 + 5^6 + 6^5 + 7^4 + 8^1 + 9^2$
26433 := $0^1 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$
26434 := $0^7 + 1^9 + 2^0 - 3^8 + 4^4 + 5^6 + 6^3 + 7^5 + 8^1 + 9^2$
26435 := $0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$
26436 := $0^7 - 1^9 + 2^5 + 3^8 + 4^3 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1$
26437 := $0^8 + 1^9 - 2^1 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^3 + 9^2$
26438 := $0^7 + 1^9 + 2^5 + 3^8 + 4^3 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1$
26439 := $0^4 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$
26440 := $0^4 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^1 + 8^0 + 9^2$
26441 := $0^4 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$
26442 := $-0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$
26443 := $0^4 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^5 + 7^0 + 8^3 + 9^2$
26444 := $0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$
26445 := $0^3 - 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^1 + 9^2$
26446 := $0^3 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^0 + 9^2$
26447 := $0^3 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^1 + 9^2$
26448 := $0^6 - 1^9 - 2^8 + 3^2 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$
26449 := $0^6 + 1^9 - 2^8 + 3^2 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$
26450 := $0^1 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$
26451 := $0^2 - 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^1 + 9^0$
26452 := $0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$
26453 := $0^2 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^1 + 9^0$
26454 := $0^2 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^0 + 9^1$
26455 := $0^8 - 1^9 + 2^7 + 3^2 + 4^1 + 5^6 + 6^5 + 7^4 + 8^3 + 9^0$
26456 := $0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2$
26457 := $0^8 + 1^9 + 2^7 + 3^2 + 4^1 + 5^6 + 6^5 + 7^4 + 8^3 + 9^0$
26458 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2$
26459 := $0^1 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^0 + 8^3 + 9^4$
26460 := $0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$
26461 := $0^7 - 1^8 + 2^5 + 3^9 + 4^6 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$
26462 := $0^8 + 1^9 + 2^7 + 3^2 + 4^0 + 5^6 + 6^5 + 7^4 + 8^3 + 9^1$
26463 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$
26464 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$
26465 := $0^8 + 1^0 + 2^9 + 3^7 + 4^2 + 5^6 + 6^2 + 7^1 + 8^3 + 9^4$
26466 := $0^0 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^2 + 7^1 + 8^3 + 9^4$
26467 := $0^7 + 1^9 + 2^5 + 3^8 + 4^3 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$
26468 := $0^7 + 1^9 + 2^5 + 3^8 + 4^3 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2$
26469 := $0^4 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^5 + 7^3 + 8^1 + 9^0$
26470 := $0^4 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^5 + 7^3 + 8^0 + 9^1$
26471 := $0^8 - 1^9 - 2^7 + 3^0 + 4^1 + 5^6 + 6^5 + 7^4 + 8^2 + 9^3$
26472 := $0^1 + 1^8 + 2^9 + 3^7 + 4^5 + 5^6 + 6^0 + 7^2 + 8^3 + 9^4$
26473 := $0^6 - 1^9 + 2^4 + 3^8 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$
26474 := $0^2 - 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 +$

$26562 := 0^5 - 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2$	$26611 := 0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$	$26660 := 0^8 + 1^9 + 2^7 - 3^2 + 4^0 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$
$26563 := 0^5 + 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$	$26612 := 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$	$26661 := 0^1 - 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^3 + 9^0$
$26564 := 0^5 + 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2$	$26613 := 0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2$	$26662 := 0^8 - 1^9 + 2^6 + 3^2 + 4^7 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$
$26565 := 0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3$	$26614 := 0^3 - 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$	$26663 := 0^1 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^3 + 9^0$
$26566 := 0^4 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^3 + 8^0 + 9^2$	$26615 := 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2$	$26664 := 0^8 + 1^9 + 2^6 + 3^2 + 4^7 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$
$26567 := 0^1 - 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$	$26616 := 0^3 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$	$26665 := 0^4 - 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^5 + 7^2 + 8^3 + 9^0$
$26568 := 0^4 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^0 + 7^3 + 8^1 + 9^2$	$26617 := 0^7 + 1^9 + 2^5 + 3^8 + 4^1 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2$	$26666 := 0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$
$26569 := 0^9 - 1^0 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$	$26618 := 0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$	$26667 := 0^4 + 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^5 + 7^2 + 8^3 + 9^0$
$26570 := -0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$	$26619 := 0^1 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2$	$26668 := 0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4$
$26571 := 0^9 + 1^0 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$	$26620 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$	$26669 := 0^9 - 1^0 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^3 + 9^1$
$26572 := 0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$	$26621 := 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2$	$26670 := -0^0 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^3 + 9^1$
$26573 := 0^4 - 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0$	$26622 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^0 + 7^4 + 8^1 + 9^3$	$26671 := 0^9 + 1^0 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^3 + 9^1$
$26574 := -0^0 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4$	$26623 := 0^2 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^3 + 9^1$	$26672 := 0^0 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^3 + 9^1$
$26575 := 0^4 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0$	$26624 := 0^8 - 1^9 + 2^1 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^0 + 9^3$	$26673 := 0^1 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^0$
$26576 := 0^0 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4$	$26625 := 0^8 - 1^0 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$	$26674 := 0^8 + 1^9 + 2^7 + 3^2 + 4^1 + 5^6 + 6^5 + 7^4 + 8^0 + 9^3$
$26577 := 0^6 + 1^8 - 2^9 + 3^2 + 4^7 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$	$26626 := 0^8 + 1^9 + 2^1 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^0 + 9^3$	$26675 := 0^8 + 1^0 - 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$
$26578 := 0^4 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$	$26627 := 0^8 + 1^0 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$	$26676 := 0^8 - 1^9 + 2^7 + 3^2 + 4^0 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$
$26579 := 0^8 + 1^9 - 2^2 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^1 + 9^3$	$26628 := 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$	$26677 := 0^3 + 1^8 + 2^2 - 3^9 + 4^7 + 5^6 + 6^5 + 7^0 + 8^1 + 9^4$
$26580 := 0^2 - 1^8 + 2^9 + 3^7 - 4^4 + 5^6 + 6^5 + 7^1 + 8^0 + 9^3$	$26629 := 0^8 + 1^9 + 2^1 - 3^6 + 4^7 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3$	$26678 := 0^8 + 1^9 + 2^7 + 3^2 + 4^0 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$
$26581 := 0^6 + 1^8 - 2^9 + 3^2 + 4^7 + 5^0 + 6^5 + 7^4 + 8^3 + 9^1$	$26630 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$	$26679 := 0^5 - 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^3 + 7^2 + 8^4 + 9^0$
$26582 := 0^5 - 1^9 - 2^7 + 3^8 + 4^1 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2$	$26631 := 0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^0 + 6^2 + 7^4 + 8^1 + 9^3$	$26680 := 0^8 + 1^9 + 2^7 + 3^1 + 4^2 + 5^6 + 6^5 + 7^4 + 8^0 + 9^3$
$26583 := 0^7 - 1^9 + 2^5 + 3^8 + 4^1 + 5^6 + 6^3 + 7^2 + 8^4 + 9^0$	$26632 := 0^4 + 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^5 + 7^2 + 8^1 + 9^3$	$26681 := 0^5 + 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^3 + 7^2 + 8^4 + 9^0$
$26584 := 0^8 - 1^9 + 2^2 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^0 + 9^3$	$26633 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^0 + 6^2 + 7^4 + 8^1 + 9^3$	$26682 := 0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1$
$26585 := 0^7 + 1^9 + 2^5 + 3^8 + 4^1 + 5^6 + 6^3 + 7^2 + 8^4 + 9^0$	$26634 := 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$	$26683 := 0^8 - 1^9 + 2^7 + 3^0 + 4^2 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$
$26586 := 0^8 + 1^9 + 2^2 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^0 + 9^3$	$26635 := 0^4 - 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^5 + 7^1 + 8^3 + 9^0$	$26684 := 0^7 + 1^9 + 2^5 + 3^8 + 4^2 + 5^6 + 6^0 + 7^3 + 8^4 + 9^1$
$26587 := 0^8 + 1^9 + 2^2 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^1 + 9^3$	$26636 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^3 + 6^0 + 7^4 + 8^2 + 9^1$	$26685 := 0^8 + 1^9 + 2^7 + 3^0 + 4^2 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$
$26588 := 0^7 - 1^9 + 2^5 + 3^8 + 4^0 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$	$26637 := 0^4 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^5 + 7^1 + 8^3 + 9^0$	$26686 := 0^5 + 1^9 + 2^7 + 3^8 + 4^0 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$
$26589 := 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$	$26638 := 0^2 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$	$26687 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$
$26590 := 0^7 + 1^9 + 2^5 + 3^8 + 4^0 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$	$26639 := 0^4 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^5 + 7^0 + 8^3 + 9^1$	$26688 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1$
$26591 := 0^7 + 1^9 + 2^8 + 3^1 + 4^2 + 5^6 + 6^5 + 7^4 + 8^3 + 9^0$	$26640 := 0^2 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4$	$26689 := 0^4 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$
$26592 := 0^1 - 1^9 - 2^7 - 3^8 + 4^4 + 5^6 + 6^0 + 7^5 + 8^3 + 9^2$	$26641 := 0^8 + 1^9 + 2^1 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^2 + 9^3$	$26690 := 0^4 + 1^7 + 2^9 - 3^8 + 4^0 + 5^6 + 6^3 + 7^5 + 8^1 + 9^2$
$26593 := 0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$	$26642 := 0^8 + 1^9 - 2^6 + 3^2 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$	$26691 := 0^4 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$
$26594 := 0^6 - 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$	$26643 := 0^2 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^0$	$26692 := 0^8 - 1^9 + 2^6 - 3^1 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$
$26595 := 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0$	$26644 := 0^2 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^1$	$26693 := 0^4 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^2 + 7^0 + 8^3 + 9^1$
$26596 := 0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$	$26645 := 0^6 + 1^9 + 2^4 + 3^8 + 4^7 + 5^5 + 6^2 + 7^0 + 8^3 + 9^1$	$26694 := 0^1 - 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
$26597 := 0^7 + 1^9 + 2^8 + 3^0 + 4^2 + 5^6 + 6^5 + 7^4 + 8^3 + 9^1$	$26646 := 0^2 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^1$	$26695 := 0^1 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^3 + 9^2$
$26598 := 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1$	$26647 := 0^6 + 1^8 - 2^9 + 3^1 + 4^7 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$	$26696 := 0^1 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
$26599 := 0^4 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^0 + 8^1 + 9^3$	$26648 := 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$	$26697 := 0^4 - 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^5 + 7^0 + 8^3 + 9^2$
$26600 := 0^6 - 1^8 + 2^9 + 3^7 + 4^2 + 5^1 + 6^0 + 7^5 + 8^3 + 9^4$	$26649 := 0^5 - 1^9 + 2^7 + 3^8 + 4^2 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$	$26698 := 0^8 - 1^9 + 2^6 + 3^1 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$
$26601 := 0^6 + 1^9 + 2^8 + 3^0 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$	$26650 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^3 + 6^1 + 7^4 + 8^0 + 9^2$	$26699 := 0^4 + 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^5 + 7^0 + 8^3 + 9^2$
$26602 := 0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^1 + 6^0 + 7^5 + 8^3 + 9^4$	$26651 := 0^5 + 1^9 + 2^7 + 3^8 + 4^2 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$	$26700 := 0^8 + 1^9 + 2^6 + 3^1 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$
$26603 := 0^6 + 1^8 + 2^9 + 3^7 + 4^2 + 5^0 + 6^1 + 7^5 + 8^3 + 9^4$	$26652 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^3 + 6^0 + 7^4 + 8^1 + 9^2$	$26701 := 0^9 + 1^0 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^3 + 9^2$
$26604 := -0^0 + 1^8 + 2^9 - 3^7 + 4^1 + 5^6 + 6^5 + 7^2 + 8^4 + 9^3$	$26653 := 0^5 + 1^9 + 2^7 + 3^8 + 4^2 + 5^6 + 6^3 + 7^0 + 8^4 + 9^1$	$26702 := 0^0 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^3 + 9^2$
$26605 := 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^3 + 6^2 + 7^4 + 8^1 + 9^0$	$26654 := 0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$	$26703 := 0^4 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0$
$26606 := 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$	$26655 := 0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$	$26704 := 0^7 + 1^9 + 2^5 + 3^8 + 4^0 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$
$26607 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^3 + 6^2 + 7^4 + 8^1 + 9^0$	$26656 := 0^7 + 1^9 + 2^8 + 3^1 + 4^0 + 5^6 + 6^5 + 7^4 + 8^3 + 9^2$	$26705 := 0^3 - 1^8 - 2^9 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^4 + 9^0$
$26608 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^3 + 6^2 + 7^4 + 8^0 + 9^1$	$26657 := 0^7 + 1^9 + 2^8 + 3^0 + 4^1 + 5^6 + 6^5 + 7^4 + 8^3 + 9^2$	$26706 := 0^4 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$
$26609 := 0^6 - 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$	$26658 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$	$26707 := 0^2 - 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^1 + 9^0$
$26610 := 0^6 + 1^8 + 2^9 + 3^7 + 4^1 + 5^2 + 6^0 + 7^5 + 8^3 + 9^4$	$26659 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^0 + 6^1 + 7^4 + 8^2 + 9^3$	$26708 := 0^2 - 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^0 + 9^1$

$$\begin{aligned}
 26709 &:= 0^2 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^1 + 9^0 \\
 26710 &:= 0^2 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^0 + 9^1 \\
 26711 &:= 0^5 - 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2 \\
 26712 &:= 0^5 - 1^6 - 2^9 + 3^8 + 4^7 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1 \\
 26713 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2 \\
 26714 &:= 0^5 - 1^9 + 2^7 + 3^8 + 4^0 + 5^6 + 6^3 + 7^1 + 8^4 + 9^2 \\
 26715 &:= 0^6 + 1^9 + 2^8 + 3^0 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4 \\
 26716 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^0 + 5^6 + 6^3 + 7^1 + 8^4 + 9^2 \\
 26717 &:= 0^3 + 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^4 + 9^0 \\
 26718 &:= 0^1 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2 \\
 26719 &:= 0^3 - 1^8 - 2^9 + 3^7 + 4^6 + 5^0 + 6^2 + 7^5 + 8^4 + 9^1 \\
 26720 &:= -0^0 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2 \\
 26721 &:= 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0 \\
 26722 &:= -0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2 \\
 26723 &:= 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^1 + 6^3 + 7^4 + 8^2 + 9^0 \\
 26724 &:= 0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^3 + 9^2 \\
 26725 &:= 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1 \\
 26726 &:= 0^8 - 1^9 + 2^7 + 3^1 + 4^0 + 5^6 + 6^5 + 7^4 + 8^2 + 9^3 \\
 26727 &:= 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^0 + 6^3 + 7^4 + 8^2 + 9^1 \\
 26728 &:= 0^8 + 1^9 + 2^7 + 3^1 + 4^0 + 5^6 + 6^5 + 7^4 + 8^2 + 9^3 \\
 26729 &:= 0^8 + 1^9 + 2^7 + 3^0 + 4^1 + 5^6 + 6^5 + 7^4 + 8^2 + 9^3 \\
 26730 &:= 0^0 + 1^8 + 2^3 - 3^9 + 4^7 + 5^6 + 6^5 + 7^2 + 8^1 + 9^4 \\
 26731 &:= 0^3 + 1^8 + 2^1 - 3^9 + 4^7 + 5^6 + 6^5 + 7^0 + 8^2 + 9^4 \\
 26732 &:= 0^6 + 1^9 + 2^8 - 3^1 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4 \\
 26733 &:= 0^4 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2 \\
 26734 &:= 0^4 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2 \\
 26735 &:= 0^4 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2 \\
 26736 &:= 0^4 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2 \\
 26737 &:= 0^1 + 1^8 + 2^3 - 3^9 + 4^7 + 5^6 + 6^5 + 7^0 + 8^2 + 9^4 \\
 26738 &:= 0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4 \\
 26739 &:= 0^6 - 1^9 + 2^8 + 3^0 + 4^7 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4 \\
 26740 &:= 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2 \\
 26741 &:= 0^6 + 1^9 + 2^8 + 3^0 + 4^7 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4 \\
 26742 &:= 0^7 - 1^9 + 2^5 + 3^8 + 4^1 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2 \\
 26743 &:= 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2 \\
 26744 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^1 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2 \\
 26745 &:= 0^3 + 1^9 + 2^1 + 3^8 - 4^7 + 5^6 + 6^2 + 7^5 + 8^4 + 9^0 \\
 26746 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^0 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2 \\
 26747 &:= 0^7 - 1^8 - 2^5 + 3^9 + 4^6 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2 \\
 26748 &:= 0^7 + 1^8 - 2^5 + 3^9 + 4^6 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2 \\
 26749 &:= 0^7 + 1^8 - 2^5 + 3^9 + 4^6 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2 \\
 26750 &:= 0^4 - 1^9 + 2^7 - 3^8 + 4^2 + 5^6 + 6^1 + 7^5 + 8^0 + 9^3 \\
 26751 &:= 0^8 + 1^9 + 2^6 - 3^2 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0 \\
 26752 &:= 0^4 + 1^9 + 2^7 - 3^8 + 4^2 + 5^6 + 6^1 + 7^5 + 8^0 + 9^3 \\
 26753 &:= 0^2 + 1^5 - 2^9 - 3^8 + 4^7 + 5^6 + 6^4 + 7^1 + 8^3 + 9^0 \\
 26754 &:= 0^4 + 1^9 + 2^7 - 3^8 + 4^2 + 5^6 + 6^0 + 7^5 + 8^1 + 9^3 \\
 26755 &:= 0^7 - 1^8 + 2^5 + 3^9 + 4^6 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0 \\
 26756 &:= -0^0 - 1^2 - 2^8 - 3^9 + 4^7 + 5^6 + 6^5 + 7^3 + 8^1 + 9^4 \\
 26757 &:= 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0 \\
 26758 &:= 0^7 - 1^8 + 2^5 + 3^9 + 4^6 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1 \\
 26759 &:= 0^6 + 1^7 - 2^8 + 3^9 + 4^3 + 5^5 + 6^2 + 7^0 + 8^4 + 9^1 \\
 26760 &:= 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1 \\
 26761 &:= 0^3 - 1^8 - 2^9 + 3^7 + 4^6 + 5^0 + 6^1 + 7^5 + 8^4 + 9^2 \\
 26762 &:= 0^2 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3 \\
 26763 &:= 0^1 - 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^2 + 9^0 \\
 26764 &:= 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3 \\
 26765 &:= 0^1 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^2 + 9^0 \\
 26766 &:= 0^2 - 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4 \\
 26767 &:= 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^1 + 6^2 + 7^4 + 8^3 + 9^0 \\
 26768 &:= 0^8 - 1^9 + 2^6 + 3^2 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1 \\
 26769 &:= 0^8 + 1^9 + 2^6 + 3^2 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0 \\
 26770 &:= 0^8 + 1^9 + 2^6 + 3^2 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1 \\
 26771 &:= 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1 \\
 26772 &:= -0^0 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^2 + 9^1 \\
 26773 &:= 0^8 + 1^0 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^2 + 9^1 \\
 26774 &:= 0^0 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^2 + 9^1 \\
 26775 &:= 0^5 - 1^9 + 2^7 + 3^8 + 4^2 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0 \\
 26776 &:= 0^6 + 1^9 + 2^7 - 3^8 + 4^4 + 5^3 + 6^0 + 7^2 + 8^5 + 9^1 \\
 26777 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^2 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0 \\
 26778 &:= 0^5 - 1^9 + 2^7 + 3^8 + 4^2 + 5^6 + 6^0 + 7^3 + 8^4 + 9^1 \\
 26779 &:= 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^2 + 6^3 + 7^1 + 8^4 + 9^0 \\
 26780 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^2 + 5^6 + 6^0 + 7^3 + 8^4 + 9^1 \\
 26781 &:= 0^4 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3 \\
 26782 &:= 0^1 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^0 + 9^2 \\
 26783 &:= 0^1 - 1^7 - 2^9 - 3^8 + 4^3 + 5^6 + 6^4 + 7^5 + 8^2 + 9^0 \\
 26784 &:= 0^7 + 1^9 + 2^8 - 3^2 + 4^1 + 5^6 + 6^5 + 7^4 + 8^0 + 9^3 \\
 26785 &:= 0^1 + 1^7 - 2^9 - 3^8 + 4^3 + 5^6 + 6^4 + 7^5 + 8^2 + 9^0 \\
 26786 &:= -0^0 - 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^1 + 9^2 \\
 26787 &:= 0^8 - 1^0 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^1 + 9^2 \\
 26788 &:= -0^0 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^1 + 9^2 \\
 26789 &:= 0^8 + 1^0 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^1 + 9^2 \\
 26790 &:= 0^0 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^3 + 8^1 + 9^2 \\
 26791 &:= 0^7 - 1^0 - 2^9 - 3^8 + 4^3 + 5^6 + 6^4 + 7^5 + 8^2 + 9^1 \\
 26792 &:= 0^4 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3 \\
 26793 &:= 0^5 - 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^2 + 7^3 + 8^4 + 9^0 \\
 26794 &:= 0^4 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^0 + 7^2 + 8^1 + 9^3 \\
 26795 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^2 + 7^3 + 8^4 + 9^0 \\
 26796 &:= 0^4 - 1^9 + 2^7 - 3^8 + 4^1 + 5^6 + 6^0 + 7^5 + 8^2 + 9^3 \\
 26797 &:= 0^6 + 1^8 - 2^9 + 3^2 + 4^7 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3 \\
 26798 &:= 0^5 - 1^9 + 2^7 + 3^8 + 4^0 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1 \\
 26799 &:= 0^5 - 1^6 - 2^9 + 3^8 + 4^7 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0 \\
 26800 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^0 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1 \\
 26801 &:= 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0 \\
 26802 &:= 0^7 + 1^9 + 2^8 + 3^2 + 4^1 + 5^6 + 6^5 + 7^4 + 8^0 + 9^3 \\
 26803 &:= 0^5 - 1^6 - 2^9 + 3^8 + 4^7 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1 \\
 26804 &:= 0^1 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3 \\
 26805 &:= 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1 \\
 26806 &:= 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3 \\
 26807 &:= 0^2 + 1^8 - 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4 \\
 26808 &:= 0^7 + 1^9 + 2^8 + 3^1 + 4^2 + 5^6 + 6^5 + 7^4 + 8^0 + 9^3 \\
 26809 &:= 0^5 - 1^9 + 2^3 - 3^8 + 4^7 + 5^6 + 6^4 + 7^2 + 8^1 + 9^0 \\
 26810 &:= 0^7 - 1^8 + 2^5 + 3^9 + 4^6 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2 \\
 26811 &:= 0^7 - 1^8 + 2^5 + 3^9 + 4^6 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2 \\
 26812 &:= 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2 \\
 26813 &:= 0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2 \\
 26814 &:= 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3 \\
 26815 &:= 0^6 - 1^8 + 2^9 + 3^2 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4 \\
 26816 &:= 0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4 \\
 26817 &:= 0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4 \\
 26818 &:= 0^0 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4 \\
 26819 &:= 0^8 + 1^9 + 2^6 + 3^1 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0 \\
 26820 &:= 0^0 + 1^7 + 2^8 + 3^9 - 4^6 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3 \\
 26821 &:= 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3 \\
 26822 &:= 0^5 - 1^8 - 2^7 + 3^9 + 4^6 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3 \\
 26823 &:= 0^8 - 1^9 + 2^6 + 3^0 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1 \\
 26824 &:= -0^0 - 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3 \\
 26825 &:= 0^8 + 1^9 + 2^6 + 3^0 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1 \\
 26826 &:= -0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3 \\
 26827 &:= 0^8 + 1^0 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3 \\
 26828 &:= 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3 \\
 26829 &:= 0^6 + 1^9 - 2^4 + 3^8 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3 \\
 26830 &:= -0^0 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4 \\
 26831 &:= 0^9 + 1^0 - 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4 \\
 26832 &:= 0^0 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4 \\
 26833 &:= 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2 \\
 26834 &:= 0^8 - 1^9 + 2^6 + 3^1 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2 \\
 26835 &:= 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^0 + 6^3 + 7^1 + 8^4 + 9^2 \\
 26836 &:= 0^8 + 1^9 + 2^6 + 3^1 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2 \\
 26837 &:= 0^2 - 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^1 + 9^3 \\
 26838 &:= 0^2 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^0 + 9^3 \\
 26839 &:= 0^2 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^1 + 9^3 \\
 26840 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2 \\
 26841 &:= 0^7 + 1^8 + 2^9 + 3^2 + 4^1 + 5^6 + 6^5 + 7^4 + 8^3 + 9^0 \\
 26842 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^0 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2 \\
 26843 &:= 0^8 + 1^0 - 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4 \\
 26844 &:= 0^7 - 1^8 + 2^9 + 3^2 + 4^0 + 5^6 + 6^5 + 7^4 + 8^3 + 9^1 \\
 26845 &:= 0^7 - 1^8 + 2^9 + 3^1 + 4^2 + 5^6 + 6^5 + 7^4 + 8^3 + 9^0 \\
 26846 &:= 0^7 + 1^8 + 2^9 + 3^2 + 4^0 + 5^6 + 6^5 + 7^4 + 8^3 + 9^1 \\
 26847 &:= 0^7 + 1^8 + 2^9 + 3^1 + 4^2 + 5^6 + 6^5 + 7^4 + 8^3 + 9^0 \\
 26848 &:= 0^8 + 1^9 - 2^3 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4 \\
 26849 &:= 0^3 + 1^8 - 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0 \\
 26850 &:= 0^6 - 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4 \\
 26851 &:= 0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0 \\
 26852 &:= 0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4 \\
 26853 &:= 0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0 \\
 26854 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^5 + 7^1 + 8^0 + 9^3 \\
 26855 &:= 0^4 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^5 + 7^0 + 8^1 + 9^3
 \end{aligned}$$

26856 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1$	26905 := $0^5 + 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^2 + 7^0 + 8^4 + 9^1$	26954 := $-0^0 - 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^3 + 9^2$
26857 := $0^4 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$	26906 := $0^4 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^2 + 7^1 + 8^0 + 9^3$	26955 := $0^8 - 1^0 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^3 + 9^2$
26858 := $0^4 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$	26907 := $0^4 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$	26956 := $-0^0 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^3 + 9^2$
26859 := $0^6 - 1^9 + 2^4 + 3^8 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$	26908 := $0^4 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^2 + 7^1 + 8^0 + 9^3$	26957 := $0^8 + 1^0 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^3 + 9^2$
26860 := $0^2 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^0 + 9^3$	26909 := $0^4 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$	26958 := $0^0 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^3 + 9^2$
26861 := $0^6 + 1^9 + 2^4 + 3^8 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$	26910 := $0^7 - 1^8 + 2^9 + 3^1 + 4^0 + 5^6 + 6^5 + 7^4 + 8^3 + 9^2$	26959 := $0^6 - 1^9 + 2^8 + 3^2 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$
26862 := $0^2 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^4 + 8^1 + 9^3$	26911 := $0^7 - 1^8 + 2^9 + 3^0 + 4^1 + 5^6 + 6^5 + 7^4 + 8^3 + 9^2$	26960 := $0^6 - 1^9 + 2^8 + 3^2 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$
26863 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^1 + 6^2 + 7^4 + 8^3 + 9^0$	26912 := $0^7 + 1^8 + 2^9 + 3^1 + 4^0 + 5^6 + 6^5 + 7^4 + 8^3 + 9^2$	26961 := $0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$
26864 := $0^8 + 1^9 + 2^3 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$	26913 := $0^7 + 1^8 + 2^9 + 3^0 + 4^1 + 5^6 + 6^5 + 7^4 + 8^3 + 9^2$	26962 := $0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$
26865 := $0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$	26914 := $0^2 + 1^8 - 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$	26963 := $0^3 + 1^9 - 2^8 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^4 + 9^0$
26866 := $0^8 + 1^9 + 2^3 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4$	26915 := $0^5 + 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^1 + 7^2 + 8^4 + 9^0$	26964 := $0^6 - 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
26867 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$	26916 := $0^1 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^4 + 8^2 + 9^3$	26965 := $0^6 - 1^9 + 2^7 - 3^8 + 4^4 + 5^2 + 6^1 + 7^3 + 8^5 + 9^0$
26868 := $0^7 + 1^9 + 2^2 - 3^8 + 4^4 + 5^6 + 6^1 + 7^5 + 8^0 + 9^3$	26917 := $0^1 - 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^3 + 9^0$	26966 := $0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
26869 := $0^4 - 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$	26918 := $0^1 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^4 + 8^2 + 9^3$	26967 := $0^1 - 1^8 - 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
26870 := $0^6 - 1^9 + 2^4 + 3^8 + 4^7 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3$	26919 := $0^1 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^3 + 9^0$	26968 := $0^1 - 1^3 + 2^8 - 3^9 + 4^7 + 5^6 + 6^5 + 7^2 + 8^0 + 9^4$
26871 := $0^4 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$	26920 := $0^4 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3$	26969 := $0^4 - 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$
26872 := $0^6 + 1^9 + 2^4 + 3^8 + 4^7 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3$	26921 := $0^7 - 1^0 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^2 + 9^3$	26970 := $0^4 - 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$
26873 := $0^4 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^3 + 7^0 + 8^2 + 9^1$	26922 := $0^4 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^0 + 7^2 + 8^1 + 9^3$	26971 := $0^4 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$
26874 := $0^6 + 1^9 + 2^4 + 3^8 + 4^7 + 5^5 + 6^0 + 7^2 + 8^1 + 9^3$	26923 := $0^7 + 1^0 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^2 + 9^3$	26972 := $0^4 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$
26875 := $0^2 - 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^3 + 9^0$	26924 := $0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^4 + 8^2 + 9^3$	26973 := $0^1 + 1^8 - 2^9 + 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^4 + 9^2$
26876 := $0^6 - 1^9 + 2^8 - 3^3 + 4^7 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2$	26925 := $0^8 - 1^0 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^3 + 9^1$	26974 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$
26877 := $0^2 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^3 + 9^0$	26926 := $-0^0 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^3 + 9^1$	26975 := $0^3 - 1^9 - 2^8 + 3^7 + 4^6 + 5^0 + 6^2 + 7^5 + 8^4 + 9^1$
26878 := $0^1 - 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^0 + 9^3$	26927 := $0^8 + 1^0 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^3 + 9^1$	26976 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^2 + 6^0 + 7^4 + 8^1 + 9^3$
26879 := $0^2 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^3 + 9^1$	26928 := $0^0 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^3 + 9^1$	26977 := $0^3 + 1^9 - 2^8 + 3^7 + 4^6 + 5^0 + 6^2 + 7^5 + 8^4 + 9^1$
26880 := $0^1 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^0 + 9^3$	26929 := $0^3 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^2 + 9^1$	26978 := $0^0 + 1^8 - 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$
26881 := $0^6 - 1^9 + 2^8 + 3^0 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$	26930 := $0^6 - 1^9 + 2^8 + 3^3 + 4^7 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2$	26979 := $0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0$
26882 := $0^4 - 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^5 + 7^2 + 8^0 + 9^3$	26931 := $0^9 + 1^0 - 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$	26980 := $0^4 - 1^7 + 2^9 - 3^8 + 4^1 + 5^6 + 6^0 + 7^5 + 8^3 + 9^2$
26883 := $0^6 + 1^9 + 2^8 + 3^0 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$	26932 := $0^6 + 1^9 + 2^8 + 3^3 + 4^7 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2$	26981 := $0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^2 + 6^1 + 7^4 + 8^3 + 9^0$
26884 := $0^4 + 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^5 + 7^2 + 8^0 + 9^3$	26933 := $0^4 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^0 + 8^2 + 9^3$	26982 := $0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1$
26885 := $0^6 - 1^9 + 2^4 + 3^8 + 4^7 + 5^5 + 6^1 + 7^0 + 8^2 + 9^3$	26934 := $0^4 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^0 + 7^1 + 8^2 + 9^3$	26983 := $0^1 - 1^3 + 2^8 - 3^9 + 4^7 + 5^6 + 6^5 + 7^0 + 8^2 + 9^4$
26886 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^1 + 9^3$	26935 := $0^4 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^0 + 8^2 + 9^3$	26984 := $0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^2 + 6^0 + 7^4 + 8^3 + 9^1$
26887 := $0^6 + 1^9 + 2^4 + 3^8 + 4^7 + 5^5 + 6^1 + 7^0 + 8^2 + 9^3$	26936 := $0^4 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^0 + 7^1 + 8^2 + 9^3$	26985 := $0^7 - 1^8 + 2^5 + 3^9 + 4^6 + 5^0 + 6^2 + 7^4 + 8^1 + 9^3$
26888 := $0^0 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^1 + 9^3$	26937 := $0^4 + 1^7 - 2^8 + 3^9 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$	26986 := $0^1 + 1^8 - 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$
26889 := $0^4 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$	26938 := $0^5 + 1^9 - 2^7 + 3^8 + 4^1 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3$	26987 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^0 + 6^2 + 7^4 + 8^1 + 9^3$
26890 := $0^1 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^0 + 9^3$	26939 := $0^4 + 1^7 - 2^8 + 3^9 + 4^6 + 5^5 + 6^3 + 7^0 + 8^2 + 9^1$	26988 := $0^6 + 1^8 + 2^9 - 3^1 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
26891 := $0^6 + 1^7 - 2^8 + 3^9 + 4^2 + 5^5 + 6^3 + 7^0 + 8^4 + 9^1$	26940 := $0^6 - 1^8 + 2^9 + 3^2 + 4^7 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$	26989 := $0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^1 + 6^2 + 7^4 + 8^3 + 9^0$
26892 := $0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$	26941 := $0^6 - 1^9 + 2^8 - 3^2 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$	26990 := $-0^0 - 1^8 - 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$
26893 := $0^1 - 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^2 + 9^3$	26942 := $0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$	26991 := $0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^1 + 6^2 + 7^4 + 8^3 + 9^0$
26894 := $-0^0 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$	26943 := $0^3 - 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$	26992 := $0^6 - 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
26895 := $0^1 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^2 + 9^3$	26944 := $0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4$	26993 := $0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$
26896 := $-0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$	26945 := $0^5 - 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$	26994 := $0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
26897 := $0^7 + 1^0 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$	26946 := $0^5 - 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2$	26995 := $0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^0 + 6^2 + 7^4 + 8^3 + 9^1$
26898 := $0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^4 + 8^1 + 9^3$	26947 := $0^5 + 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$	26996 := $0^4 - 1^9 + 2^6 - 3^8 + 4^7 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$
26899 := $0^4 + 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^5 + 7^0 + 8^2 + 9^3$	26948 := $0^5 + 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2$	26997 := $0^4 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^1 + 7^3 + 8^2 + 9^0$
26900 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^2 + 9^3$	26949 := $0^1 - 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^3 + 9^2$	26998 := $0^4 - 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1$
26901 := $0^9 + 1^0 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^2 + 9^3$	26950 := $0^1 - 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$	26999 := $0^4 - 1^9 + 2^6 - 3^8 + 4^7 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$
26902 := $0^0 + 1^9 + 2^8 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^2 + 9^3$	26951 := $0^1 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^3 + 9^2$	27000 := $0^4 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1$
26903 := $0^5 + 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^2 + 7^1 + 8^4 + 9^0$	26952 := $0^1 + 1^9 - 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$	27001 := $0^7 - 1^9 - 2^5 + 3^8 + 4^2 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3$
26904 := $0^7 - 1^8 + 2^9 - 3^1 + 4^0 + 5^6 + 6^5 + 7^4 + 8^3 + 9^2$	26953 := $0^4 - 1^7 - 2^8 + 3^9 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$	27002 := $0^7 - 1^9 - 2^5 + 3^8 + 4^2 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3$

27003 := $0^7 + 1^9 - 2^5 + 3^8 + 4^2 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3$
27004 := $0^7 + 1^9 - 2^5 + 3^8 + 4^2 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3$
27005 := $0^6 + 1^9 + 2^8 - 3^1 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
27006 := $0^2 + 1^8 - 2^1 - 3^9 + 4^7 + 5^6 + 6^5 + 7^3 + 8^0 + 9^4$
27007 := $0^7 + 1^9 + 2^6 - 3^8 + 4^3 + 5^4 + 6^2 + 7^0 + 8^5 + 9^1$
27008 := $0^2 - 1^8 + 2^1 - 3^9 + 4^7 + 5^6 + 6^5 + 7^3 + 8^0 + 9^4$
27009 := $0^6 - 1^9 + 2^8 + 3^1 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
27010 := $0^7 - 1^8 + 2^5 + 3^9 + 4^6 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$
27011 := $0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
27012 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$
27013 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^0 + 6^1 + 7^4 + 8^2 + 9^3$
27014 := $0^4 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^1 + 7^3 + 8^0 + 9^2$
27015 := $0^6 - 1^9 + 2^8 + 3^0 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$
27016 := $0^4 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^0 + 7^3 + 8^1 + 9^2$
27017 := $0^6 + 1^9 + 2^8 + 3^0 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$
27018 := $0^3 + 1^9 - 2^8 + 3^7 + 4^6 + 5^1 + 6^0 + 7^5 + 8^4 + 9^2$
27019 := $0^2 + 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$
27020 := $0^8 + 1^9 - 2^2 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
27021 := $0^2 + 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^0 + 8^4 + 9^1$
27022 := $0^7 + 1^8 - 2^9 + 3^3 + 4^6 + 5^1 + 6^2 + 7^5 + 8^0 + 9^4$
27023 := $0^7 - 1^8 - 2^9 + 3^3 + 4^6 + 5^0 + 6^2 + 7^5 + 8^1 + 9^4$
27024 := $0^7 + 1^9 - 2^5 + 3^8 + 4^0 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$
27025 := $0^7 + 1^8 - 2^9 + 3^3 + 4^6 + 5^0 + 6^2 + 7^5 + 8^1 + 9^4$
27026 := $0^6 - 1^9 + 2^8 + 3^1 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$
27027 := $0^8 - 1^9 + 2^2 + 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
27028 := $0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$
27029 := $0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
27030 := $0^0 + 1^9 + 2^7 - 3^8 + 4^4 + 5^6 + 6^2 + 7^5 + 8^1 + 9^3$
27031 := $0^6 - 1^9 + 2^8 + 3^0 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$
27032 := $0^7 - 1^9 - 2^5 + 3^8 + 4^1 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3$
27033 := $0^6 + 1^9 + 2^8 + 3^0 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$
27034 := $0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2$
27035 := $0^5 + 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$
27036 := $0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^1 + 6^0 + 7^4 + 8^3 + 9^2$
27037 := $0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^0 + 6^1 + 7^4 + 8^3 + 9^2$
27038 := $0^4 + 1^7 - 2^8 + 3^9 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$
27039 := $0^7 + 1^8 - 2^9 + 3^3 + 4^2 + 5^6 + 6^5 + 7^0 + 8^4 + 9^1$
27040 := $0^7 + 1^8 + 2^9 - 3^2 + 4^1 + 5^6 + 6^5 + 7^4 + 8^0 + 9^3$
27041 := $0^8 - 1^9 - 2^6 - 3^0 + 4^7 + 5^2 + 6^5 + 7^4 + 8^3 + 9^1$
27042 := $0^7 - 1^8 + 2^9 - 3^2 + 4^0 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$
27043 := $0^8 - 1^9 - 2^6 + 3^0 + 4^7 + 5^2 + 6^5 + 7^4 + 8^3 + 9^1$
27044 := $0^7 + 1^8 + 2^9 - 3^2 + 4^0 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$
27045 := $0^8 + 1^9 - 2^6 + 3^0 + 4^7 + 5^2 + 6^5 + 7^4 + 8^3 + 9^1$
27046 := $0^7 - 1^8 - 2^9 - 3^3 + 4^0 + 5^6 + 6^5 + 7^1 + 8^4 + 9^2$
27047 := $0^6 + 1^8 - 2^7 + 3^9 + 4^1 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$
27048 := $0^6 - 1^9 - 2^8 + 3^2 + 4^7 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$
27049 := $0^6 + 1^7 - 2^9 + 3^8 + 4^3 + 5^2 + 6^1 + 7^5 + 8^4 + 9^0$
27050 := $0^6 + 1^9 - 2^8 + 3^2 + 4^7 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$
27051 := $0^4 + 1^8 - 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$

27052 := $0^4 + 1^8 - 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1$
27053 := $0^6 + 1^9 - 2^8 + 3^2 + 4^7 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3$
27054 := $-0^0 + 1^9 + 2^7 - 3^8 + 4^4 + 5^6 + 6^1 + 7^5 + 8^2 + 9^3$
27055 := $0^9 + 1^0 + 2^7 - 3^8 + 4^4 + 5^6 + 6^1 + 7^5 + 8^2 + 9^3$
27056 := $0^7 - 1^8 + 2^9 + 3^2 + 4^1 + 5^6 + 6^5 + 7^4 + 8^0 + 9^3$
27057 := $0^6 - 1^7 - 2^9 + 3^8 + 4^3 + 5^1 + 6^2 + 7^5 + 8^4 + 9^0$
27058 := $0^7 + 1^8 + 2^9 + 3^2 + 4^1 + 5^6 + 6^5 + 7^4 + 8^0 + 9^3$
27059 := $0^6 + 1^7 - 2^9 + 3^8 + 4^3 + 5^1 + 6^2 + 7^5 + 8^4 + 9^0$
27060 := $0^7 - 1^8 + 2^9 + 3^2 + 4^0 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$
27061 := $0^1 + 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^2 + 8^4 + 9^0$
27062 := $0^7 + 1^8 + 2^9 + 3^2 + 4^0 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$
27063 := $0^5 - 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^3 + 7^2 + 8^4 + 9^0$
27064 := $0^7 + 1^8 + 2^9 + 3^1 + 4^2 + 5^6 + 6^5 + 7^4 + 8^0 + 9^3$
27065 := $0^5 + 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^3 + 7^2 + 8^4 + 9^0$
27066 := $0^7 - 1^9 + 2^5 + 3^8 + 4^2 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3$
27067 := $0^7 + 1^9 + 2^5 + 3^8 + 4^2 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3$
27068 := $0^7 + 1^9 + 2^5 + 3^8 + 4^2 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3$
27069 := $0^7 + 1^8 + 2^9 + 3^0 + 4^2 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$
27070 := $0^5 + 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$
27071 := $0^6 + 1^9 + 2^7 - 3^8 + 4^3 + 5^4 + 6^2 + 7^0 + 8^5 + 9^1$
27072 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^2 + 6^0 + 7^4 + 8^1 + 9^3$
27073 := $0^8 + 1^0 + 2^1 - 3^9 + 4^7 + 5^6 + 6^5 + 7^3 + 8^2 + 9^4$
27074 := $0^8 + 1^9 + 2^0 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$
27075 := $0^7 - 1^8 + 2^6 + 3^9 + 4^3 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$
27076 := $0^6 - 1^7 - 2^8 + 3^9 + 4^1 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
27077 := $0^7 + 1^8 + 2^6 + 3^9 + 4^3 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$
27078 := $0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$
27079 := $0^7 + 1^8 + 2^6 + 3^9 + 4^3 + 5^5 + 6^2 + 7^0 + 8^4 + 9^1$
27080 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$
27081 := $0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^0 + 6^2 + 7^4 + 8^1 + 9^3$
27082 := $0^4 + 1^7 - 2^8 + 3^9 + 4^6 + 5^5 + 6^0 + 7^3 + 8^1 + 9^2$
27083 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^0 + 6^2 + 7^4 + 8^1 + 9^3$
27084 := $0^8 - 1^9 - 2^0 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4$
27085 := $0^7 + 1^9 + 2^5 + 3^8 + 4^1 + 5^6 + 6^2 + 7^0 + 8^4 + 9^3$
27086 := $0^7 - 1^9 + 2^5 + 3^8 + 4^0 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$
27087 := $0^7 - 1^8 + 2^6 + 3^9 + 4^3 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
27088 := $0^7 + 1^9 + 2^5 + 3^8 + 4^0 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$
27089 := $0^7 + 1^8 + 2^6 + 3^9 + 4^3 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$
27090 := $0^7 - 1^8 + 2^6 + 3^9 + 4^3 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
27091 := $0^1 - 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2$
27092 := $0^7 + 1^8 + 2^6 + 3^9 + 4^3 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
27093 := $0^2 - 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^1 + 9^3$
27094 := $0^2 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^0 + 9^3$
27095 := $0^2 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^1 + 9^3$
27096 := $0^7 - 1^9 + 2^5 + 3^8 + 4^1 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3$
27097 := $0^5 + 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2$
27098 := $0^7 + 1^9 + 2^5 + 3^8 + 4^1 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3$
27099 := $0^3 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$
27100 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$

27101 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$
27102 := $0^0 + 1^9 - 2^8 + 3^7 + 4^6 + 5^3 + 6^2 + 7^5 + 8^4 + 9^1$
27103 := $0^6 + 1^9 - 2^8 + 3^1 + 4^7 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3$
27104 := $0^6 + 1^7 - 2^9 + 3^8 + 4^2 + 5^3 + 6^0 + 7^5 + 8^4 + 9^1$
27105 := $0^3 + 1^9 - 2^8 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$
27106 := $0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$
27107 := $0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^0 + 6^1 + 7^4 + 8^2 + 9^3$
27108 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$
27109 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^0 + 6^1 + 7^4 + 8^2 + 9^3$
27110 := $0^3 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$
27111 := $0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$
27112 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$
27113 := $0^7 + 1^8 + 2^9 + 3^0 + 4^1 + 5^6 + 6^5 + 7^4 + 8^2 + 9^3$
27114 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4$
27115 := $0^6 - 1^8 + 2^9 - 3^3 + 4^7 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$
27116 := $0^7 + 1^8 - 2^6 + 3^9 + 4^0 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$
27117 := $0^6 - 1^7 - 2^9 + 3^8 + 4^1 + 5^3 + 6^2 + 7^5 + 8^4 + 9^0$
27118 := $0^7 + 1^8 - 2^9 + 3^1 + 4^6 + 5^3 + 6^2 + 7^5 + 8^0 + 9^4$
27119 := $0^7 - 1^8 + 2^6 + 3^9 + 4^3 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$
27120 := $0^7 - 1^8 + 2^6 + 3^9 + 4^3 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$
27121 := $0^7 + 1^8 + 2^6 + 3^9 + 4^3 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$
27122 := $0^7 + 1^8 + 2^6 + 3^9 + 4^3 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$
27123 := $0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^3 + 6^2 + 7^5 + 8^1 + 9^0$
27124 := $0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$
27125 := $0^3 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$
27126 := $0^3 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$
27127 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$
27128 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$
27129 := $0^2 + 1^9 + 2^5 - 3^8 + 4^7 + 5^6 + 6^4 + 7^3 + 8^1 + 9^0$
27130 := $0^2 + 1^9 + 2^5 - 3^8 + 4^7 + 5^6 + 6^4 + 7^3 + 8^0 + 9^1$
27131 := $0^5 + 1^9 + 2^7 + 3^8 - 4^2 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3$
27132 := $0^6 - 1^8 + 2^9 - 3^3 + 4^7 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2$
27133 := $0^6 - 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$
27134 := $0^1 - 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^0 + 9^3$
27135 := $0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$
27136 := $0^1 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^0 + 9^3$
27137 := $0^4 - 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$
27138 := $0^1 + 1^9 - 2^8 + 3^7 + 4^6 + 5^3 + 6^0 + 7^5 + 8^4 + 9^2$
27139 := $0^4 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$
27140 := $-0^0 - 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^1 + 9^3$
27141 := $0^4 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^0 + 8^3 + 9^1$
27142 := $-0^0 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^1 + 9^3$
27143 := $0^6 + 1^8 + 2^7 + 3^9 + 4^3 + 5^5 + 6^2 + 7^0 + 8^4 + 9^1$
27144 := $0^0 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^2 + 8^1 + 9^3$
27145 := $0^2 + 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0$
27146 := $0^6 - 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$
27147 := $0^5 + 1^9 - 2^6 + 3^8 + 4^7 + 5^3 + 6^2 + 7^1 + 8^4 + 9^0$
27148 := $0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$
27149 := $0^1 - 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^2 + 9^3$

$27150 := 0^4 - 1^7 - 2^9 + 3^8 + 4^6 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1$	$27199 := 0^6 + 1^7 - 2^9 + 3^8 + 4^1 + 5^2 + 6^3 + 7^5 + 8^4 + 9^0$	$27248 := -0^0 + 1^9 - 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$
$27151 := 0^1 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^0 + 8^2 + 9^3$	$27200 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^2 + 6^0 + 7^4 + 8^1 + 9^3$	$27249 := 0^4 + 1^7 - 2^8 + 3^9 + 4^6 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2$
$27152 := 0^4 - 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$	$27201 := 0^4 - 1^7 - 2^9 + 3^8 + 4^6 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0$	$27250 := 0^0 + 1^9 - 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$
$27153 := 0^6 + 1^8 + 2^7 + 3^9 + 4^3 + 5^5 + 6^1 + 7^2 + 8^4 + 9^0$	$27202 := 0^4 - 1^7 - 2^9 + 3^8 + 4^6 + 5^2 + 6^3 + 7^5 + 8^0 + 9^1$	$27251 := 0^5 - 1^9 - 2^6 + 3^8 + 4^7 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1$
$27154 := 0^4 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$	$27203 := 0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0$	$27252 := 0^7 + 1^9 - 2^8 - 3^3 + 4^6 + 5^1 + 6^0 + 7^5 + 8^2 + 9^4$
$27155 := 0^8 - 1^0 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^2 + 9^3$	$27204 := 0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^2 + 6^3 + 7^5 + 8^0 + 9^1$	$27253 := 0^6 - 1^9 + 2^5 + 3^8 + 4^7 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0$
$27156 := 0^6 + 1^8 + 2^7 + 3^9 + 4^3 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$	$27205 := 0^4 + 1^7 - 2^8 + 3^9 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$	$27254 := 0^4 - 1^7 - 2^9 + 3^8 + 4^6 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$
$27157 := 0^8 + 1^0 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^2 + 9^3$	$27206 := 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$	$27255 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0$
$27158 := 0^0 + 1^8 + 2^9 + 3^7 + 4^4 + 5^6 + 6^5 + 7^1 + 8^2 + 9^3$	$27207 := 0^7 - 1^8 + 2^4 + 3^9 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$	$27256 := 0^6 - 1^9 + 2^5 + 3^8 + 4^7 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1$
$27159 := 0^5 - 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0$	$27208 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^1 + 6^2 + 7^4 + 8^0 + 9^3$	$27257 := 0^4 - 1^7 - 2^9 + 3^8 + 4^6 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$
$27160 := 0^5 - 1^9 - 2^6 + 3^8 + 4^7 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1$	$27209 := 0^7 + 1^8 + 2^4 + 3^9 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$	$27258 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1$
$27161 := 0^5 + 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0$	$27210 := 0^8 + 1^9 + 2^1 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$	$27259 := 0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$
$27162 := 0^5 - 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^0 + 7^3 + 8^4 + 9^1$	$27211 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^0 + 6^2 + 7^4 + 8^1 + 9^3$	$27260 := 0^6 - 1^7 - 2^8 + 3^9 + 4^5 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4$
$27163 := 0^5 + 1^9 + 2^7 + 3^8 + 4^2 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3$	$27212 := 0^8 - 1^9 + 2^0 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$	$27261 := 0^6 + 1^9 - 2^5 + 3^8 + 4^7 + 5^2 + 6^3 + 7^0 + 8^4 + 9^1$
$27164 := 0^5 + 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^0 + 7^3 + 8^4 + 9^1$	$27213 := 0^6 - 1^9 - 2^4 - 3^8 + 4^7 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2$	$27262 := 0^6 + 1^7 - 2^8 + 3^9 + 4^5 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4$
$27165 := 0^8 - 1^9 + 2^6 + 3^1 + 4^7 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0$	$27214 := 0^8 + 1^9 + 2^0 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$	$27263 := 0^1 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
$27166 := 0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$	$27215 := 0^6 - 1^8 + 2^9 + 3^2 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$	$27264 := 0^8 - 1^9 - 2^3 + 3^7 + 4^6 + 5^1 + 6^0 + 7^5 + 8^4 + 9^2$
$27167 := 0^8 + 1^9 + 2^6 + 3^1 + 4^7 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0$	$27216 := 0^6 - 1^8 + 2^9 + 3^2 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$	$27265 := 0^6 - 1^8 + 2^9 + 3^1 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
$27168 := 0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^3 + 6^0 + 7^5 + 8^1 + 9^2$	$27217 := 0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$	$27266 := 0^8 + 1^9 - 2^3 + 3^7 + 4^6 + 5^1 + 6^0 + 7^5 + 8^4 + 9^2$
$27169 := 0^6 - 1^8 + 2^9 + 3^3 + 4^7 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$	$27218 := 0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$	$27267 := 0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
$27170 := 0^2 + 1^9 - 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$	$27219 := 0^8 - 1^9 - 2^3 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^4 + 9^0$	$27268 := 0^3 + 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2$
$27171 := 0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$	$27220 := 0^1 + 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2$	$27269 := 0^6 + 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$
$27172 := 0^5 + 1^9 + 2^1 - 3^8 + 4^7 + 5^6 + 6^4 + 7^3 + 8^0 + 9^2$	$27221 := 0^8 - 1^9 + 2^6 + 3^1 + 4^7 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$	$27270 := 0^7 + 1^8 - 2^6 + 3^9 + 4^1 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
$27173 := 0^8 + 1^9 + 2^6 + 3^0 + 4^7 + 5^2 + 6^5 + 7^4 + 8^3 + 9^1$	$27222 := 0^5 - 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2$	$27271 := 0^6 + 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^2 + 7^0 + 8^4 + 9^1$
$27174 := 0^5 - 1^9 - 2^0 - 3^8 + 4^7 + 5^6 + 6^4 + 7^3 + 8^1 + 9^2$	$27223 := 0^8 + 1^9 + 2^6 + 3^1 + 4^7 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$	$27272 := 0^7 - 1^8 + 2^6 + 3^9 + 4^0 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$
$27175 := 0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^0 + 6^5 + 7^4 + 8^2 + 9^1$	$27224 := 0^5 + 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2$	$27273 := 0^6 + 1^8 + 2^7 + 3^9 + 4^2 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0$
$27176 := 0^8 - 1^9 - 2^1 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$	$27225 := 0^8 + 1^9 + 2^6 + 3^0 + 4^7 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2$	$27274 := 0^7 + 1^8 + 2^6 + 3^9 + 4^0 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2$
$27177 := 0^5 - 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^2 + 7^3 + 8^4 + 9^0$	$27226 := 0^5 + 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$	$27275 := 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^2 + 7^1 + 8^4 + 9^0$
$27178 := 0^8 + 1^9 - 2^1 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$	$27227 := 0^7 + 1^8 + 2^4 + 3^9 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$	$27276 := 0^7 - 1^8 - 2^4 + 3^9 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$
$27179 := 0^5 + 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^2 + 7^3 + 8^4 + 9^0$	$27228 := 0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^4 + 9^1$	$27277 := 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1$
$27180 := 0^8 - 1^9 + 2^1 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$	$27229 := 0^1 + 1^9 - 2^8 + 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^4 + 9^2$	$27278 := 0^2 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
$27181 := 0^5 + 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^2 + 7^0 + 8^4 + 9^3$	$27230 := 0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^4 + 9^1$	$27279 := 0^2 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
$27182 := 0^8 + 1^9 + 2^1 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$	$27231 := 0^9 - 1^0 - 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$	$27280 := 0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
$27183 := 0^4 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2$	$27232 := -0^0 + 1^9 - 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$	$27281 := 0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$
$27184 := 0^4 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2$	$27233 := 0^9 + 1^0 - 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$	$27282 := 0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^1 + 6^0 + 7^5 + 8^4 + 9^2$
$27185 := 0^6 + 1^8 + 2^7 + 3^9 + 4^3 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2$	$27234 := 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$	$27283 := 0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^0 + 6^1 + 7^5 + 8^4 + 9^2$
$27186 := 0^6 + 1^8 + 2^7 + 3^9 + 4^3 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$	$27235 := 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^0 + 6^1 + 7^4 + 8^2 + 9^3$	$27284 := 0^6 + 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$
$27187 := 0^7 + 1^8 - 2^9 + 3^2 + 4^6 + 5^0 + 6^3 + 7^5 + 8^1 + 9^4$	$27236 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^1 + 6^0 + 7^4 + 8^2 + 9^3$	$27285 := 0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0$
$27188 := 0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2$	$27237 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^0 + 6^1 + 7^4 + 8^2 + 9^3$	$27286 := 0^6 - 1^9 + 2^5 + 3^8 + 4^7 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2$
$27189 := 0^6 - 1^8 + 2^9 + 3^3 + 4^7 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2$	$27238 := 0^3 + 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1$	$27287 := 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0$
$27190 := 0^5 - 1^9 - 2^6 + 3^8 + 4^7 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2$	$27239 := 0^7 + 1^8 + 2^6 + 3^9 + 4^1 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0$	$27288 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2$
$27191 := 0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2$	$27240 := 0^1 - 1^9 - 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$	$27289 := 0^6 + 1^8 + 2^9 + 3^0 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$
$27192 := 0^5 - 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3$	$27241 := 0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^0 + 6^2 + 7^5 + 8^4 + 9^1$	$27290 := 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1$
$27193 := 0^7 - 1^8 + 2^4 + 3^9 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$	$27242 := 0^7 - 1^8 + 2^6 + 3^9 + 4^0 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$	$27291 := 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3$
$27194 := 0^5 + 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3$	$27243 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^3 + 6^2 + 7^1 + 8^4 + 9^0$	$27292 := 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$
$27195 := 0^7 + 1^8 + 2^4 + 3^9 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0$	$27244 := 0^7 + 1^8 + 2^6 + 3^9 + 4^0 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1$	$27293 := 0^7 + 1^9 - 2^8 + 3^3 + 4^2 + 5^6 + 6^5 + 7^1 + 8^4 + 9^0$
$27196 := 0^5 + 1^9 + 2^7 + 3^8 + 4^0 + 5^6 + 6^1 + 7^2 + 8^4 + 9^3$	$27245 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1$	$27294 := 0^4 + 1^9 + 2^6 - 3^8 + 4^7 + 5^1 + 6^0 + 7^5 + 8^3 + 9^2$
$27197 := 0^6 - 1^7 - 2^9 + 3^8 + 4^1 + 5^2 + 6^3 + 7^5 + 8^4 + 9^0$	$27246 := -0^0 - 1^9 - 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$	$27295 := 0^7 + 1^9 - 2^8 + 3^3 + 4^2 + 5^6 + 6^5 + 7^0 + 8^4 + 9^1$
$27198 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3$	$27247 := 0^4 - 1^7 - 2^8 + 3^9 + 4^6 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2$	$27296 := 0^1 - 1^5 + 2^4 - 3^8 - 4^9 + 5^6 + 6^7 + 7^3 + 8^0 + 9^2$

$$\begin{aligned}
 27297 &:= 0^2 + 1^8 - 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0 \\
 27298 &:= -0^0 - 1^6 - 2^9 - 3^8 + 4^7 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1 \\
 27299 &:= 0^6 + 1^7 - 2^8 + 3^9 + 4^5 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4 \\
 27300 &:= -0^0 + 1^6 - 2^9 - 3^8 + 4^7 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1 \\
 27301 &:= 0^6 - 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0 \\
 27302 &:= 0^0 + 1^6 - 2^9 - 3^8 + 4^7 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1 \\
 27303 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0 \\
 27304 &:= 0^7 - 1^8 - 2^4 + 3^9 + 4^6 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1 \\
 27305 &:= 0^4 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0 \\
 27306 &:= 0^4 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1 \\
 27307 &:= 0^4 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0 \\
 27308 &:= 0^4 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^2 + 8^0 + 9^1 \\
 27309 &:= 0^7 + 1^8 + 2^4 + 3^9 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0 \\
 27310 &:= 0^7 + 1^8 + 2^4 + 3^9 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1 \\
 27311 &:= 0^6 - 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2 \\
 27312 &:= 0^6 - 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2 \\
 27313 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^1 + 7^0 + 8^4 + 9^2 \\
 27314 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2 \\
 27315 &:= 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^0 + 6^1 + 7^2 + 8^4 + 9^3 \\
 27316 &:= 0^8 + 1^9 - 2^2 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4 \\
 27317 &:= 0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2 \\
 27318 &:= 0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2 \\
 27319 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2 \\
 27320 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2 \\
 27321 &:= 0^4 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0 \\
 27322 &:= 0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4 \\
 27323 &:= 0^4 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^0 + 8^2 + 9^1 \\
 27324 &:= 0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4 \\
 27325 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^2 + 6^3 + 7^0 + 8^4 + 9^1 \\
 27326 &:= 0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^3 + 6^0 + 7^5 + 8^4 + 9^1 \\
 27327 &:= 0^9 - 1^0 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4 \\
 27328 &:= -0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4 \\
 27329 &:= 0^9 + 1^0 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4 \\
 27330 &:= 0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4 \\
 27331 &:= 0^8 - 1^9 + 2^3 + 3^6 + 4^7 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0 \\
 27332 &:= 0^8 - 1^9 + 2^3 + 3^6 + 4^7 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1 \\
 27333 &:= 0^8 + 1^9 + 2^3 + 3^6 + 4^7 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0 \\
 27334 &:= 0^8 + 1^9 + 2^3 + 3^6 + 4^7 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1 \\
 27335 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2 \\
 27336 &:= 0^4 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^1 + 8^0 + 9^2 \\
 27337 &:= 0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4 \\
 27338 &:= 0^4 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^1 + 8^0 + 9^2 \\
 27339 &:= 0^4 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2 \\
 27340 &:= -0^0 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4 \\
 27341 &:= 0^9 - 1^0 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4 \\
 27342 &:= -0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4 \\
 27343 &:= 0^9 + 1^0 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4 \\
 27344 &:= 0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4 \\
 27345 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0 \\
 27346 &:= 0^4 - 1^8 - 2^7 + 3^9 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1 \\
 27347 &:= 0^6 - 1^9 + 2^5 + 3^8 + 4^7 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1 \\
 27348 &:= 0^4 + 1^8 - 2^7 + 3^9 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1 \\
 27349 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1 \\
 27350 &:= 0^7 - 1^8 + 2^4 + 3^9 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^2 \\
 27351 &:= 0^8 + 1^9 + 2^1 + 3^6 + 4^7 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4 \\
 27352 &:= 0^7 + 1^8 + 2^4 + 3^9 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^2 \\
 27353 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^1 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0 \\
 27354 &:= 0^7 + 1^8 + 2^4 + 3^9 + 4^6 + 5^5 + 6^0 + 7^3 + 8^1 + 9^2 \\
 27355 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^2 + 6^3 + 7^1 + 8^4 + 9^0 \\
 27356 &:= 0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4 \\
 27357 &:= 0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4 \\
 27358 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^0 + 5^5 + 6^2 + 7^3 + 8^4 + 9^1 \\
 27359 &:= 0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0 \\
 27360 &:= 0^8 + 1^9 - 2^1 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4 \\
 27361 &:= 0^7 + 1^9 + 2^3 + 3^8 + 4^5 + 5^6 + 6^2 + 7^0 + 8^4 + 9^1 \\
 27362 &:= 0^8 - 1^9 + 2^1 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4 \\
 27363 &:= 0^6 - 1^9 + 2^8 + 3^0 + 4^7 + 5^2 + 6^5 + 7^4 + 8^3 + 9^1 \\
 27364 &:= 0^8 + 1^9 + 2^1 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4 \\
 27365 &:= 0^6 + 1^9 + 2^8 + 3^0 + 4^7 + 5^2 + 6^5 + 7^4 + 8^3 + 9^1 \\
 27366 &:= 0^3 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4 \\
 27367 &:= 0^8 - 1^9 + 2^3 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0 \\
 27368 &:= 0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4 \\
 27369 &:= 0^8 + 1^9 + 2^3 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0 \\
 27370 &:= 0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4 \\
 27371 &:= 0^7 + 1^9 + 2^3 + 3^8 + 4^5 + 5^6 + 6^1 + 7^2 + 8^4 + 9^0 \\
 27372 &:= 0^7 - 1^9 + 2^3 + 3^8 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1 \\
 27373 &:= 0^8 + 1^9 + 2^3 + 3^6 + 4^7 + 5^0 + 6^5 + 7^4 + 8^2 + 9^1 \\
 27374 &:= 0^7 + 1^9 + 2^3 + 3^8 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1 \\
 27375 &:= 0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0 \\
 27376 &:= -0^0 + 1^8 - 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2 \\
 27377 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0 \\
 27378 &:= 0^0 + 1^8 - 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2 \\
 27379 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^0 + 6^3 + 7^1 + 8^4 + 9^2 \\
 27380 &:= 0^3 - 1^9 + 2^7 - 3^8 + 4^1 + 5^6 + 6^4 + 7^5 + 8^0 + 9^2 \\
 27381 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1 \\
 27382 &:= 0^3 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4 \\
 27383 &:= 0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4 \\
 27384 &:= 0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4 \\
 27385 &:= 0^6 + 1^9 - 2^5 + 3^8 + 4^7 + 5^2 + 6^1 + 7^3 + 8^4 + 9^0 \\
 27386 &:= 0^8 + 1^9 + 2^3 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2 \\
 27387 &:= 0^8 - 1^9 + 2^3 + 3^6 + 4^7 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2 \\
 27388 &:= 0^6 + 1^7 - 2^8 + 3^9 + 4^5 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4 \\
 27389 &:= 0^8 + 1^9 + 2^3 + 3^6 + 4^7 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2 \\
 27390 &:= 0^6 + 1^7 - 2^8 + 3^9 + 4^5 + 5^2 + 6^0 + 7^3 + 8^1 + 9^4 \\
 27391 &:= 0^6 + 1^8 - 2^7 + 3^9 + 4^5 + 5^2 + 6^3 + 7^0 + 8^1 + 9^4 \\
 27392 &:= 0^3 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2 \\
 27393 &:= 0^3 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2 \\
 27394 &:= 0^8 - 1^9 + 2^1 + 3^7 + 4^6 + 5^3 + 6^0 + 7^5 + 8^4 + 9^2 \\
 27395 &:= 0^6 + 1^9 - 2^5 + 3^8 + 4^7 + 5^1 + 6^2 + 7^3 + 8^4 + 9^0 \\
 27396 &:= 0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^3 + 6^0 + 7^5 + 8^4 + 9^2 \\
 27397 &:= 0^6 - 1^8 + 2^7 + 3^9 + 4^2 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0 \\
 27398 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^1 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2 \\
 27399 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^2 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0 \\
 27400 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^0 + 5^5 + 6^1 + 7^3 + 8^4 + 9^2 \\
 27401 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^2 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0 \\
 27402 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^2 + 5^5 + 6^0 + 7^3 + 8^4 + 9^1 \\
 27403 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^2 + 5^5 + 6^3 + 7^0 + 8^4 + 9^1 \\
 27404 &:= 0^7 + 1^9 + 2^3 + 3^8 + 4^5 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2 \\
 27405 &:= 0^2 + 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^0 + 8^4 + 9^1 \\
 27406 &:= 0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4 \\
 27407 &:= 0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2 \\
 27408 &:= 0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4 \\
 27409 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2 \\
 27410 &:= 0^2 + 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^0 + 7^5 + 8^4 + 9^3 \\
 27411 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^0 + 6^3 + 7^1 + 8^4 + 9^2 \\
 27412 &:= 0^6 + 1^8 - 2^7 + 3^9 + 4^5 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4 \\
 27413 &:= 0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0 \\
 27414 &:= 0^7 + 1^8 - 2^9 + 3^1 + 4^0 + 5^6 + 6^5 + 7^3 + 8^4 + 9^2 \\
 27415 &:= 0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2 \\
 27416 &:= 0^6 - 1^9 - 2^3 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1 \\
 27417 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0 \\
 27418 &:= 0^6 + 1^9 - 2^3 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1 \\
 27419 &:= 0^4 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0 \\
 27420 &:= 0^4 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1 \\
 27421 &:= 0^4 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0 \\
 27422 &:= 0^4 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1 \\
 27423 &:= 0^8 + 1^9 + 2^6 + 3^1 + 4^7 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3 \\
 27424 &:= -0^0 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1 \\
 27425 &:= 0^8 + 1^9 + 2^6 + 3^0 + 4^7 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3 \\
 27426 &:= 0^0 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1 \\
 27427 &:= 0^8 - 1^9 + 2^2 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0 \\
 27428 &:= 0^8 - 1^9 + 2^2 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1 \\
 27429 &:= 0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0 \\
 27430 &:= 0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1 \\
 27431 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^3 + 7^2 + 8^4 + 9^0 \\
 27432 &:= 0^6 - 1^9 + 2^3 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1 \\
 27433 &:= 0^6 + 1^9 + 2^3 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^0 \\
 27434 &:= 0^6 + 1^9 + 2^3 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1 \\
 27435 &:= 0^4 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^3 + 7^2 + 8^1 + 9^0 \\
 27436 &:= 0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4 \\
 27437 &:= 0^2 - 1^0 + 2^8 - 3^9 + 4^7 + 5^6 + 6^5 + 7^1 + 8^3 + 9^4 \\
 27438 &:= 0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^2 + 6^3 + 7^5 + 8^4 + 9^1 \\
 27439 &:= 0^1 - 1^8 - 2^9 + 3^7 + 4^6 + 5^0 + 6^2 + 7^5 + 8^4 + 9^3 \\
 27440 &:= -0^0 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4 \\
 27441 &:= 0^9 - 1^0 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4 \\
 27442 &:= -0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4 \\
 27443 &:= 0^9 + 1^0 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4
 \end{aligned}$$

$27444 := 0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$	$27493 := 0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^0 + 6^2 + 7^3 + 8^4 + 9^1$	$27542 := 0^0 + 1^8 - 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$
$27445 := 0^4 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^0$	$27494 := 0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1$	$27543 := 0^6 - 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$
$27446 := 0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^4 + 9^3$	$27495 := 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^0 + 6^2 + 7^3 + 8^4 + 9^1$	$27544 := 0^6 + 1^9 + 2^8 - 3^2 + 4^7 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$
$27447 := 0^4 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 + 9^0$	$27496 := 0^8 + 1^9 - 2^1 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$	$27545 := 0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^2 + 7^3 + 8^4 + 9^0$
$27448 := 0^4 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1$	$27497 := 0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^2 + 6^1 + 7^5 + 8^3 + 9^0$	$27546 := 0^5 - 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3$
$27449 := 0^4 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^3 + 7^1 + 8^2 + 9^0$	$27498 := 0^8 - 1^9 + 2^1 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$	$27547 := 0^5 + 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3$
$27450 := 0^4 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^0 + 7^3 + 8^2 + 9^1$	$27499 := 0^6 + 1^9 - 2^7 - 3^8 + 4^3 + 5^0 + 6^4 + 7^2 + 8^5 + 9^1$	$27548 := 0^5 + 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3$
$27451 := 0^4 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^3 + 7^0 + 8^2 + 9^1$	$27500 := 0^8 + 1^9 + 2^1 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$	$27549 := 0^4 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^2 + 7^3 + 8^1 + 9^0$
$27452 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1$	$27501 := 0^3 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0$	$27550 := 0^4 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^2 + 7^3 + 8^0 + 9^1$
$27453 := 0^8 + 1^9 - 2^7 + 3^2 + 4^3 + 5^6 + 6^5 + 7^0 + 8^4 + 9^1$	$27502 := 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4$	$27551 := 0^2 + 1^8 - 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^1 + 9^0$
$27454 := 0^0 + 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$	$27503 := 0^3 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0$	$27552 := 0^2 + 1^8 - 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^0 + 9^1$
$27455 := 0^6 + 1^0 - 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	$27504 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2$	$27553 := 0^2 + 1^9 - 2^8 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$
$27456 := 0^0 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	$27505 := 0^3 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^2 + 9^1$	$27554 := 0^6 + 1^8 - 2^7 + 3^9 + 4^5 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$
$27457 := 0^6 - 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^2 + 7^3 + 8^4 + 9^0$	$27506 := 0^8 + 1^9 + 2^0 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$	$27555 := 0^6 + 1^8 - 2^7 + 3^9 + 4^5 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4$
$27458 := 0^7 - 1^8 - 2^4 + 3^9 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$	$27507 := 0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^1 + 6^2 + 7^5 + 8^3 + 9^0$	$27556 := 0^6 - 1^7 - 2^8 + 3^9 + 4^5 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$
$27459 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^2 + 7^3 + 8^4 + 9^0$	$27508 := 0^4 + 1^9 - 2^7 + 3^8 + 4^6 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$	$27557 := 0^2 + 1^9 - 2^8 + 3^6 + 4^7 + 5^0 + 6^5 + 7^4 + 8^3 + 9^1$
$27460 := 0^6 - 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$	$27509 := 0^4 - 1^7 - 2^9 + 3^8 + 4^6 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$	$27558 := 0^6 + 1^7 - 2^8 + 3^9 + 4^5 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$
$27461 := 0^6 - 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2$	$27510 := 0^1 + 1^6 - 2^9 - 3^8 + 4^7 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$	$27559 := 0^1 + 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^0$
$27462 := 0^6 + 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$	$27511 := 0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$	$27560 := 0^6 - 1^9 + 2^8 + 3^2 + 4^7 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$
$27463 := 0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2$	$27512 := 0^7 - 1^8 + 2^6 + 3^9 + 4^5 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4$	$27561 := 0^1 + 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^0 + 8^4 + 9^3$
$27464 := 0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$	$27513 := 0^2 - 1^9 + 2^5 - 3^8 + 4^7 + 5^6 + 6^4 + 7^0 + 8^1 + 9^3$	$27562 := 0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$
$27465 := 0^6 + 1^9 + 2^3 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$	$27514 := 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4$	$27563 := 0^5 - 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^2 + 7^0 + 8^4 + 9^3$
$27466 := 0^4 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^3 + 7^1 + 8^0 + 9^2$	$27515 := 0^2 - 1^8 - 2^9 + 3^6 + 4^7 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3$	$27564 := 0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4$
$27467 := 0^4 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^3 + 7^0 + 8^1 + 9^2$	$27516 := 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^3 + 6^0 + 7^2 + 8^1 + 9^4$	$27565 := 0^5 + 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^2 + 7^0 + 8^4 + 9^3$
$27468 := -0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$	$27517 := 0^2 + 1^8 - 2^9 + 3^6 + 4^7 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3$	$27566 := 0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4$
$27469 := 0^9 + 1^0 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$	$27518 := 0^3 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2$	$27567 := 0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$
$27470 := 0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$	$27519 := 0^3 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$	$27568 := 0^5 + 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$
$27471 := 0^1 - 1^9 - 2^6 - 3^8 + 4^7 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0$	$27520 := 0^3 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2$	$27569 := 0^6 + 1^7 - 2^8 + 3^9 + 4^5 + 5^0 + 6^2 + 7^1 + 8^3 + 9^4$
$27472 := 0^1 + 1^9 + 2^0 + 3^8 - 4^7 + 5^6 + 6^2 + 7^5 + 8^4 + 9^3$	$27521 := 0^3 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$	$27570 := 0^7 - 1^9 - 2^6 + 3^8 + 4^0 + 5^3 + 6^2 + 7^5 + 8^4 + 9^1$
$27473 := 0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^4 + 9^0$	$27522 := 0^7 + 1^8 + 2^4 + 3^9 + 4^6 + 5^5 + 6^0 + 7^1 + 8^3 + 9^2$	$27571 := 0^7 + 1^9 - 2^1 + 3^8 + 4^5 + 5^6 + 6^3 + 7^2 + 8^4 + 9^0$
$27474 := 0^7 - 1^8 - 2^6 + 3^9 + 4^5 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4$	$27523 := 0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$	$27572 := 0^7 + 1^9 - 2^6 + 3^8 + 4^0 + 5^3 + 6^2 + 7^5 + 8^4 + 9^1$
$27475 := 0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^4 + 9^0$	$27524 := 0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2$	$27573 := 0^2 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$
$27476 := 0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^4 + 9^1$	$27525 := 0^6 - 1^7 + 2^8 + 3^9 + 4^2 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$	$27574 := 0^2 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$
$27477 := 0^7 + 1^8 + 2^4 + 3^9 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$	$27526 := 0^6 + 1^8 - 2^7 + 3^9 + 4^5 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$	$27575 := 0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$
$27478 := 0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^4 + 9^1$	$27527 := 0^6 + 1^7 + 2^8 + 3^9 + 4^2 + 5^5 + 6^1 + 7^3 + 8^4 + 9^0$	$27576 := 0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$
$27479 := 0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^0$	$27528 := 0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^0 + 7^5 + 8^4 + 9^2$	$27577 := 0^4 + 1^8 - 2^7 + 3^9 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^3$
$27480 := 0^7 + 1^8 - 2^9 + 3^2 + 4^6 + 5^1 + 6^0 + 7^5 + 8^3 + 9^4$	$27529 := 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$	$27578 := 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
$27481 := 0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^0 + 8^4 + 9^1$	$27530 := 0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^0 + 7^5 + 8^4 + 9^2$	$27579 := 0^3 - 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0$
$27482 := 0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1$	$27531 := 0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^1 + 7^5 + 8^4 + 9^2$	$27580 := 0^5 + 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^1 + 7^2 + 8^4 + 9^3$
$27483 := 0^8 + 1^9 + 2^1 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$	$27532 := 0^2 + 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3$	$27581 := 0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0$
$27484 := 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1$	$27533 := 0^7 - 1^9 + 2^2 + 3^8 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$	$27582 := 0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1$
$27485 := 0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^4 + 9^0$	$27534 := 0^2 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$	$27583 := 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^2 + 6^3 + 7^0 + 8^1 + 9^4$
$27486 := 0^8 + 1^9 - 2^7 + 3^3 + 4^0 + 5^6 + 6^5 + 7^1 + 8^4 + 9^2$	$27535 := 0^7 + 1^9 + 2^2 + 3^8 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$	$27584 := -0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$
$27487 := 0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^4 + 9^2$	$27536 := 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$	$27585 := 0^8 + 1^0 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$
$27488 := 0^3 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1$	$27537 := 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$	$27586 := 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$
$27489 := 0^3 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^0$	$27538 := -0^0 - 1^8 - 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$	$27587 := 0^4 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$
$27490 := 0^3 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1$	$27539 := 0^8 - 1^0 - 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$	$27588 := 0^6 - 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$
$27491 := 0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^2 + 8^4 + 9^0$	$27540 := -0^0 + 1^8 - 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$	$27589 := 0^4 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$
$27492 := 0^7 + 1^8 + 2^4 + 3^9 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$	$27541 := 0^8 + 1^0 - 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$	$27590 := 0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^0 + 7^3 + 8^4 + 9^2$

27591 := $0^4 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^2 + 7^0 + 8^3 + 9^1$	27640 := $0^4 + 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$	27689 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^2 + 6^1 + 7^5 + 8^4 + 9^0$
27592 := $0^4 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^1 + 7^3 + 8^0 + 9^2$	27641 := $0^6 + 1^0 - 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$	27690 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^1 + 6^0 + 7^5 + 8^2 + 9^4$
27593 := $0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$	27642 := $0^0 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$	27691 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^0 + 6^1 + 7^5 + 8^2 + 9^4$
27594 := $0^4 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^0 + 7^3 + 8^1 + 9^2$	27643 := $0^4 + 1^9 - 2^7 + 3^8 + 4^6 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$	27692 := $0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4$
27595 := $0^8 + 1^9 + 2^3 - 3^6 + 4^7 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$	27644 := $0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4$	27693 := $0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^2 + 6^3 + 7^5 + 8^4 + 9^1$
27596 := $-0^0 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4$	27645 := $0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^3 + 7^0 + 8^1 + 9^4$	27694 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^3 + 7^5 + 8^4 + 9^1$
27597 := $0^8 - 1^0 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4$	27646 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4$	27695 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$
27598 := $-0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4$	27647 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^3 + 7^0 + 8^1 + 9^4$	27696 := $0^7 + 1^9 + 2^0 + 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$
27599 := $0^8 + 1^0 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4$	27648 := $0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^0 + 7^5 + 8^4 + 9^2$	27697 := $0^6 - 1^9 + 2^7 + 3^8 + 4^3 + 5^1 + 6^2 + 7^5 + 8^4 + 9^0$
27600 := $0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4$	27649 := $0^7 - 1^9 + 2^4 + 3^8 + 4^6 + 5^3 + 6^2 + 7^5 + 8^1 + 9^0$	27698 := $-0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$
27601 := $0^4 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0$	27650 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^0 + 7^5 + 8^4 + 9^2$	27699 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^1 + 6^2 + 7^5 + 8^4 + 9^0$
27602 := $0^4 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$	27651 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^3 + 6^2 + 7^5 + 8^1 + 9^0$	27700 := $0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$
27603 := $0^1 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$	27652 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$	27701 := $0^1 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^2 + 8^4 + 9^0$
27604 := $0^4 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$	27653 := $0^9 - 1^0 + 2^8 + 3^7 + 4^6 + 5^3 + 6^1 + 7^5 + 8^4 + 9^2$	27702 := $0^0 + 1^9 - 2^8 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^4 + 9^3$
27605 := $0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$	27654 := $0^8 + 1^9 + 2^7 + 3^3 + 4^6 + 5^2 + 6^0 + 7^5 + 8^1 + 9^4$	27703 := $0^6 + 1^9 + 2^7 + 3^8 + 4^3 + 5^0 + 6^2 + 7^5 + 8^4 + 9^1$
27606 := $-0^0 - 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$	27655 := $0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^3 + 6^1 + 7^5 + 8^4 + 9^2$	27704 := $0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4$
27607 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4$	27656 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^1 + 7^5 + 8^4 + 9^2$	27705 := $0^8 - 1^9 + 2^7 + 3^2 + 4^3 + 5^6 + 6^5 + 7^1 + 8^4 + 9^0$
27608 := $-0^0 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$	27657 := $0^2 - 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$	27706 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4$
27609 := $0^9 - 1^0 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$	27658 := $0^8 + 1^9 + 2^7 - 3^3 + 4^0 + 5^6 + 6^5 + 7^2 + 8^4 + 9^1$	27707 := $0^8 + 1^9 + 2^7 + 3^2 + 4^3 + 5^6 + 6^5 + 7^1 + 8^4 + 9^0$
27610 := $-0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$	27659 := $0^2 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$	27708 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^0 + 7^2 + 8^1 + 9^4$
27611 := $0^9 + 1^0 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$	27660 := $0^2 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$	27709 := $0^8 + 1^9 + 2^7 + 3^2 + 4^3 + 5^6 + 6^5 + 7^0 + 8^4 + 9^1$
27612 := $0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$	27661 := $0^2 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^0 + 8^4 + 9^1$	27710 := $0^0 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$
27613 := $0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^3 + 6^2 + 7^5 + 8^4 + 9^1$	27662 := $0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4$	27711 := $0^1 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
27614 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^3 + 6^2 + 7^5 + 8^4 + 9^1$	27663 := $0^2 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0$	27712 := $0^8 + 1^9 + 2^7 + 3^3 + 4^0 + 5^6 + 6^5 + 7^2 + 8^4 + 9^1$
27615 := $0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^2 + 6^5 + 7^4 + 8^3 + 9^0$	27664 := $0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4$	27713 := $0^6 - 1^9 - 2^2 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0$
27616 := $0^1 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$	27665 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0$	27714 := $0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^3$
27617 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$	27666 := $0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4$	27715 := $0^4 - 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$
27618 := $0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$	27667 := $0^2 - 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^4 + 9^1$	27716 := $0^7 - 1^8 + 2^6 + 3^9 + 4^5 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$
27619 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$	27668 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4$	27717 := $0^4 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^2 + 7^1 + 8^3 + 9^0$
27620 := $-0^0 - 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^3 + 9^4$	27669 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^4 + 9^1$	27718 := $0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$
27621 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^5 + 7^4 + 8^2 + 9^1$	27670 := $0^7 + 1^9 - 2^8 + 3^1 + 4^0 + 5^6 + 6^5 + 7^3 + 8^4 + 9^2$	27719 := $0^4 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^2 + 7^0 + 8^3 + 9^1$
27622 := $-0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^3 + 9^4$	27671 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4$	27720 := $0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$
27623 := $0^9 + 1^0 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^3 + 9^4$	27672 := $0^6 - 1^7 - 2^8 + 3^9 + 4^4 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$	27721 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$
27624 := $0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^3 + 9^4$	27673 := $0^6 + 1^8 + 2^9 + 3^0 + 4^7 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2$	27722 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$
27625 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^2 + 6^1 + 7^5 + 8^4 + 9^0$	27674 := $0^6 + 1^7 - 2^8 + 3^9 + 4^4 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$	27723 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^3 + 6^2 + 7^1 + 8^4 + 9^0$
27626 := $0^7 - 1^9 + 2^6 + 3^8 + 4^3 + 5^2 + 6^0 + 7^5 + 8^4 + 9^1$	27675 := $0^7 - 1^9 + 2^4 + 3^8 + 4^6 + 5^3 + 6^1 + 7^5 + 8^2 + 9^0$	27724 := $0^6 + 1^9 + 2^2 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1$
27627 := $0^4 + 1^9 - 2^7 + 3^8 + 4^6 + 5^0 + 6^3 + 7^5 + 8^2 + 9^1$	27676 := $0^7 + 1^8 - 2^4 + 3^9 + 4^6 + 5^5 + 6^0 + 7^2 + 8^1 + 9^3$	27725 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1$
27628 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^2 + 6^0 + 7^5 + 8^4 + 9^1$	27677 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^3 + 6^1 + 7^5 + 8^2 + 9^0$	27726 := $0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$
27629 := $0^1 + 1^9 - 2^8 + 3^6 + 4^7 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$	27678 := $0^7 - 1^9 + 2^4 + 3^8 + 4^6 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1$	27727 := $0^4 - 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0$
27630 := $-0^0 + 1^8 - 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^1 + 9^2$	27679 := $0^8 + 1^9 + 2^7 + 3^3 + 4^2 + 5^6 + 6^5 + 7^0 + 8^4 + 9^1$	27728 := $0^1 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$
27631 := $0^4 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2$	27680 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1$	27729 := $0^4 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^1 + 7^2 + 8^3 + 9^0$
27632 := $0^3 - 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2$	27681 := $0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$	27730 := $0^4 - 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$
27633 := $0^4 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2$	27682 := $0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$	27731 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^4 + 9^0$
27634 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2$	27683 := $0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$	27732 := $0^4 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^0 + 7^2 + 8^3 + 9^1$
27635 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^1 + 6^2 + 7^5 + 8^4 + 9^0$	27684 := $0^1 - 1^9 - 2^8 + 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^4 + 9^3$	27733 := $0^1 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2$
27636 := $0^8 + 1^9 + 2^7 - 3^3 + 4^6 + 5^1 + 6^0 + 7^5 + 8^2 + 9^4$	27685 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^3 + 7^5 + 8^4 + 9^0$	27734 := $0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^4 + 9^1$
27637 := $0^3 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2$	27686 := $0^1 + 1^9 - 2^8 + 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^4 + 9^3$	27735 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0$
27638 := $0^4 - 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$	27687 := $0^6 - 1^9 + 2^7 + 3^8 + 4^3 + 5^2 + 6^1 + 7^5 + 8^4 + 9^0$	27736 := $0^8 + 1^9 + 2^7 + 3^2 + 4^6 + 5^3 + 6^0 + 7^5 + 8^1 + 9^4$
27639 := $0^7 + 1^9 + 2^6 + 3^8 + 4^3 + 5^0 + 6^2 + 7^5 + 8^4 + 9^1$	27688 := $0^8 - 1^9 + 2^7 + 3^3 + 4^6 + 5^1 + 6^0 + 7^5 + 8^2 + 9^4$	27737 := $0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$

$27738 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1$	$27787 := 0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^1 + 7^5 + 8^4 + 9^2$	$27836 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$
$27739 := 0^7 + 1^8 + 2^6 + 3^9 + 4^1 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3$	$27788 := 0^2 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^3 + 8^4 + 9^1$	$27837 := 0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0$
$27740 := 0^0 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^2$	$27789 := 0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^1 + 7^5 + 8^2 + 9^0$	$27838 := 0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^4 + 8^0 + 9^1$
$27741 := 0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^4 + 9^2$	$27790 := 0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^1 + 6^2 + 7^5 + 8^0 + 9^4$	$27839 := 0^1 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
$27742 := 0^7 + 1^8 + 2^6 + 3^9 + 4^0 + 5^5 + 6^2 + 7^1 + 8^4 + 9^3$	$27791 := 0^7 - 1^9 + 2^8 + 3^3 + 4^6 + 5^0 + 6^2 + 7^5 + 8^1 + 9^4$	$27840 := 0^7 + 1^9 + 2^8 + 3^3 + 4^0 + 5^6 + 6^5 + 7^2 + 8^4 + 9^1$
$27743 := 0^8 + 1^9 + 2^7 + 3^1 + 4^3 + 5^6 + 6^5 + 7^2 + 8^4 + 9^0$	$27792 := 0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1$	$27841 := 0^4 - 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0$
$27744 := 0^6 + 1^9 + 2^7 + 3^8 + 4^2 + 5^3 + 6^0 + 7^5 + 8^4 + 9^1$	$27793 := 0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^0 + 6^2 + 7^5 + 8^1 + 9^4$	$27842 := 0^4 - 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^3 + 7^5 + 8^0 + 9^1$
$27745 := 0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^2 + 7^5 + 8^4 + 9^1$	$27794 := 0^6 + 1^9 + 2^1 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$	$27843 := 0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0$
$27746 := 0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$	$27795 := 0^6 + 1^9 - 2^5 + 3^8 + 4^7 + 5^0 + 6^1 + 7^2 + 8^4 + 9^3$	$27844 := 0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^3 + 7^5 + 8^0 + 9^1$
$27747 := 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4$	$27796 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4$	$27845 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3$
$27748 := 0^7 - 1^8 - 2^6 + 3^9 + 4^5 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$	$27797 := 0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4$	$27846 := -0^0 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
$27749 := 0^8 + 1^9 + 2^7 + 3^0 + 4^3 + 5^6 + 6^5 + 7^2 + 8^4 + 9^1$	$27798 := 0^6 - 1^9 + 2^0 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$	$27847 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^0 + 6^2 + 7^1 + 8^4 + 9^3$
$27750 := 0^7 - 1^8 + 2^6 + 3^9 + 4^1 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$	$27799 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4$	$27848 := 0^0 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
$27751 := 0^5 + 1^9 - 2^6 + 3^8 + 4^7 + 5^0 + 6^2 + 7^1 + 8^4 + 9^3$	$27800 := 0^6 + 1^9 + 2^0 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$	$27849 := 0^7 + 1^8 - 2^6 + 3^9 + 4^4 + 5^3 + 6^5 + 7^1 + 8^2 + 9^0$
$27752 := 0^7 + 1^8 + 2^6 + 3^9 + 4^1 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$	$27801 := 0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^3 + 7^1 + 8^4 + 9^0$	$27850 := 0^5 + 1^8 + 2^7 - 3^9 + 4^3 + 5^4 + 6^6 + 7^2 + 8^0 + 9^1$
$27753 := 0^4 + 1^7 - 2^9 + 3^8 + 4^6 + 5^0 + 6^1 + 7^5 + 8^2 + 9^3$	$27802 := 0^6 - 1^9 + 2^7 + 3^8 + 4^1 + 5^3 + 6^0 + 7^5 + 8^4 + 9^2$	$27851 := 0^7 + 1^8 - 2^6 + 3^9 + 4^4 + 5^3 + 6^5 + 7^0 + 8^2 + 9^1$
$27754 := 0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$	$27803 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^3 + 7^1 + 8^4 + 9^0$	$27852 := 0^6 + 1^9 + 2^1 - 3^8 + 4^7 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2$
$27755 := 0^7 + 1^9 - 2^4 + 3^8 + 4^6 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$	$27804 := 0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^3 + 6^0 + 7^5 + 8^4 + 9^2$	$27853 := 0^8 + 1^9 + 2^2 - 3^7 + 4^3 + 5^6 + 6^5 + 7^0 + 8^1 + 9^4$
$27756 := 0^8 - 1^9 + 2^7 + 3^1 + 4^6 + 5^3 + 6^2 + 7^5 + 8^0 + 9^4$	$27805 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^3 + 7^0 + 8^4 + 9^1$	$27854 := 0^1 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$
$27757 := 0^6 - 1^9 + 2^7 + 3^8 + 4^1 + 5^3 + 6^2 + 7^5 + 8^4 + 9^0$	$27806 := 0^4 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^3$	$27855 := 0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2$
$27758 := 0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^3 + 6^2 + 7^5 + 8^0 + 9^4$	$27807 := 0^4 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$	$27856 := 0^1 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$
$27759 := 0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^3 + 6^2 + 7^5 + 8^4 + 9^0$	$27808 := 0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^0 + 7^5 + 8^1 + 9^2$	$27857 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2$
$27760 := -0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$	$27809 := 0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$	$27858 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3$
$27761 := 0^4 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^1 + 7^0 + 8^3 + 9^2$	$27810 := 0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4$	$27859 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^0 + 6^3 + 7^1 + 8^4 + 9^2$
$27762 := 0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$	$27811 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4$	$27860 := 0^1 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2$
$27763 := 0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^2 + 7^5 + 8^1 + 9^0$	$27812 := 0^3 - 1^6 + 2^9 - 3^8 + 4^7 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1$	$27861 := 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4$
$27764 := 0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$	$27813 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^0 + 6^3 + 7^1 + 8^2 + 9^4$	$27862 := 0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^3 + 6^1 + 7^5 + 8^0 + 9^4$
$27765 := 0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$	$27814 := 0^6 - 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$	$27863 := 0^3 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^0$
$27766 := 0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2$	$27815 := 0^1 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^0$	$27864 := 0^0 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$
$27767 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$	$27816 := 0^6 + 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$	$27865 := 0^3 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^0 + 8^4 + 9^1$
$27768 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2$	$27817 := 0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^0 + 6^5 + 7^4 + 8^3 + 9^1$	$27866 := 0^0 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$
$27769 := 0^7 - 1^9 + 2^4 + 3^8 + 4^6 + 5^0 + 6^3 + 7^5 + 8^2 + 9^1$	$27818 := 0^4 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3$	$27867 := 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3$
$27770 := 0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4$	$27819 := 0^7 + 1^9 + 2^8 + 3^3 + 4^6 + 5^0 + 6^1 + 7^5 + 8^2 + 9^4$	$27868 := 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4$
$27771 := 0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^0 + 6^3 + 7^5 + 8^2 + 9^1$	$27820 := 0^4 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^0 + 7^2 + 8^1 + 9^3$	$27869 := 0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^3 + 6^2 + 7^5 + 8^4 + 9^1$
$27772 := 0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4$	$27821 := 0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3$	$27870 := 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^2 + 7^5 + 8^4 + 9^1$
$27773 := 0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^2 + 6^3 + 7^0 + 8^1 + 9^4$	$27822 := -0^0 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$	$27871 := 0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3$
$27774 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^2 + 6^3 + 7^1 + 8^0 + 9^4$	$27823 := 0^9 + 1^0 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$	$27872 := 0^1 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$
$27775 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^2 + 6^3 + 7^0 + 8^1 + 9^4$	$27824 := 0^0 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$	$27873 := 0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0$
$27776 := 0^6 + 1^7 + 2^9 - 3^8 + 4^0 + 5^4 + 6^1 + 7^3 + 8^5 + 9^2$	$27825 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0$	$27874 := 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^2 + 8^3 + 9^4$
$27777 := 0^6 + 1^9 + 2^1 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$	$27826 := 0^1 + 1^7 + 2^9 - 3^8 + 4^3 + 5^6 + 6^4 + 7^5 + 8^0 + 9^2$	$27875 := 0^3 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^2 + 8^4 + 9^0$
$27778 := 0^7 - 1^9 + 2^6 + 3^8 + 4^0 + 5^2 + 6^3 + 7^5 + 8^4 + 9^1$	$27827 := 0^8 + 1^9 + 2^7 + 3^2 + 4^6 + 5^0 + 6^3 + 7^5 + 8^1 + 9^4$	$27876 := 0^3 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1$
$27779 := 0^8 + 1^9 + 2^7 + 3^0 + 4^3 + 5^6 + 6^5 + 7^1 + 8^4 + 9^2$	$27828 := 0^0 + 1^5 + 2^9 - 3^8 + 4^7 + 5^6 + 6^4 + 7^2 + 8^3 + 9^1$	$27877 := 0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^5 + 7^4 + 8^2 + 9^1$
$27780 := 0^7 + 1^9 + 2^6 + 3^8 + 4^0 + 5^2 + 6^3 + 7^5 + 8^4 + 9^1$	$27829 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1$	$27878 := 0^3 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^1$
$27781 := 0^2 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0$	$27830 := 0^2 - 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$	$27879 := 0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^3 + 7^5 + 8^2 + 9^0$
$27782 := 0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$	$27831 := 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4$	$27880 := 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^1 + 7^2 + 8^3 + 9^4$
$27783 := 0^2 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0$	$27832 := 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$	$27881 := 0^4 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^3 + 7^5 + 8^2 + 9^1$
$27784 := 0^2 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1$	$27833 := 0^4 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^3$	$27882 := -0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$
$27785 := 0^2 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0$	$27834 := 0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^0 + 7^5 + 8^4 + 9^1$	$27883 := 0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^3 + 7^5 + 8^2 + 9^1$
$27786 := 0^3 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^0 + 7^5 + 8^4 + 9^2$	$27835 := 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3$	$27884 := 0^7 - 1^9 + 2^8 + 3^1 + 4^6 + 5^3 + 6^2 + 7^5 + 8^0 + 9^4$

$27885 := 0^7 - 1^8 + 2^6 + 3^9 + 4^5 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$
 $27886 := 0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^3 + 6^2 + 7^5 + 8^0 + 9^4$
 $27887 := 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$
 $27888 := 0^3 - 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2$
 $27889 := 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^0 + 6^2 + 7^1 + 8^3 + 9^4$
 $27890 := 0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^0 + 9^2$
 $27891 := 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^0 + 6^1 + 7^2 + 8^4 + 9^3$
 $27892 := 0^8 + 1^9 + 2^1 - 3^7 + 4^3 + 5^6 + 6^5 + 7^2 + 8^0 + 9^4$
 $27893 := 0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2$
 $27894 := 0^4 - 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$
 $27895 := 0^6 + 1^9 + 2^7 + 3^8 + 4^1 + 5^0 + 6^3 + 7^5 + 8^4 + 9^2$
 $27896 := 0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$
 $27897 := 0^4 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$
 $27898 := 0^6 - 1^7 + 2^8 + 3^9 + 4^5 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4$
 $27899 := 0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$
 $27900 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4$
 $27901 := 0^7 + 1^8 + 2^6 + 3^9 + 4^5 + 5^0 + 6^1 + 7^2 + 8^3 + 9^4$
 $27902 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^2 + 6^0 + 7^3 + 8^1 + 9^4$
 $27903 := 0^7 + 1^9 + 2^8 + 3^1 + 4^3 + 5^6 + 6^5 + 7^0 + 8^4 + 9^2$
 $27904 := 0^1 - 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^0 + 7^5 + 8^4 + 9^2$
 $27905 := 0^3 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$
 $27906 := 0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^0 + 7^5 + 8^4 + 9^2$
 $27907 := 0^3 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$
 $27908 := 0^3 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^1 + 8^4 + 9^2$
 $27909 := 0^8 - 1^0 + 2^9 + 3^7 + 4^6 + 5^3 + 6^1 + 7^5 + 8^4 + 9^2$
 $27910 := 0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4$
 $27911 := 0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^3 + 6^1 + 7^5 + 8^4 + 9^2$
 $27912 := 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^3 + 6^1 + 7^5 + 8^4 + 9^2$
 $27913 := 0^6 + 1^7 + 2^8 + 3^9 + 4^2 + 5^5 + 6^1 + 7^0 + 8^4 + 9^3$
 $27914 := 0^6 + 1^7 + 2^8 + 3^9 + 4^2 + 5^5 + 6^0 + 7^1 + 8^4 + 9^3$
 $27915 := 0^7 - 1^9 + 2^8 + 3^0 + 4^6 + 5^3 + 6^1 + 7^5 + 8^2 + 9^4$
 $27916 := 0^2 + 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3$
 $27917 := 0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^3 + 6^1 + 7^5 + 8^2 + 9^4$
 $27918 := 0^8 + 1^9 - 2^2 + 3^7 + 4^6 + 5^1 + 6^0 + 7^5 + 8^4 + 9^3$
 $27919 := 0^2 - 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0$
 $27920 := 0^0 + 1^9 + 2^6 - 3^8 + 4^7 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2$
 $27921 := 0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0$
 $27922 := 0^7 + 1^9 + 2^0 - 3^8 + 4^2 + 5^6 + 6^4 + 7^5 + 8^1 + 9^3$
 $27923 := 0^2 - 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^4 + 9^1$

$27924 := 0^8 - 1^9 + 2^2 + 3^7 + 4^6 + 5^1 + 6^0 + 7^5 + 8^4 + 9^3$
 $27925 := 0^2 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^4 + 9^1$
 $27926 := 0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^1 + 6^0 + 7^5 + 8^4 + 9^3$
 $27927 := 0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^0 + 6^1 + 7^5 + 8^4 + 9^3$
 $27928 := 0^3 + 1^9 + 2^5 - 3^8 + 4^7 + 5^6 + 6^2 + 7^4 + 8^0 + 9^1$
 $27929 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^1 + 7^3 + 8^4 + 9^0$
 $27930 := 0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1$
 $27931 := 0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^2 + 7^0 + 8^4 + 9^3$
 $27932 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1$
 $27933 := 0^4 - 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$
 $27934 := 0^4 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^2 + 7^1 + 8^0 + 9^3$
 $27935 := 0^4 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^2 + 7^0 + 8^1 + 9^3$
 $27936 := 0^2 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$
 $27937 := 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0$
 $27938 := 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^1$
 $27939 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^1 + 6^2 + 7^3 + 8^4 + 9^0$
 $27940 := 0^6 - 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$
 $27941 := 0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^3 + 7^5 + 8^4 + 9^0$
 $27942 := 0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$
 $27943 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^0 + 6^2 + 7^3 + 8^4 + 9^1$
 $27944 := 0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^0 + 7^2 + 8^4 + 9^3$
 $27945 := 0^1 + 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^0 + 8^4 + 9^3$
 $27946 := 0^4 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^1 + 7^2 + 8^0 + 9^3$
 $27947 := 0^8 - 1^0 + 2^9 + 3^7 + 4^6 + 5^2 + 6^3 + 7^5 + 8^4 + 9^1$
 $27948 := 0^4 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^0 + 7^2 + 8^1 + 9^3$
 $27949 := 0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^2 + 6^3 + 7^5 + 8^4 + 9^1$
 $27950 := 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^2 + 6^3 + 7^5 + 8^4 + 9^1$
 $27951 := 0^2 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$
 $27952 := 0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^1 + 6^3 + 7^5 + 8^0 + 9^4$
 $27953 := 0^2 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^3 + 9^1$
 $27954 := 0^8 - 1^9 - 2^0 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^4 + 9^3$
 $27955 := 0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^0 + 6^3 + 7^5 + 8^1 + 9^4$
 $27956 := 0^8 - 1^9 + 2^0 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^4 + 9^3$
 $27957 := 0^6 - 1^8 - 2^9 + 3^0 + 4^7 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$
 $27958 := 0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^4 + 9^3$
 $27959 := 0^4 - 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^3$
 $27960 := 0^4 - 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^0 + 7^1 + 8^2 + 9^3$
 $27961 := 0^4 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^1 + 7^0 + 8^2 + 9^3$
 $27962 := 0^4 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^0 + 7^1 + 8^2 + 9^3$

$27963 := 0^6 + 1^9 + 2^1 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2$
 $27964 := 0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4$
 $27965 := 0^6 + 1^8 + 2^7 + 3^9 + 4^5 + 5^0 + 6^1 + 7^2 + 8^3 + 9^4$
 $27966 := 0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^2 + 6^3 + 7^5 + 8^0 + 9^4$
 $27967 := 0^3 - 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$
 $27968 := 0^3 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2$
 $27969 := 0^3 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$
 $27970 := 0^3 + 1^9 + 2^5 - 3^8 + 4^7 + 5^6 + 6^1 + 7^4 + 8^0 + 9^2$
 $27971 := 0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^2 + 6^3 + 7^5 + 8^1 + 9^4$
 $27972 := 0^3 + 1^9 + 2^5 - 3^8 + 4^7 + 5^6 + 6^0 + 7^4 + 8^1 + 9^2$
 $27973 := 0^4 - 1^0 + 2^6 + 3^8 - 4^9 + 5^5 + 6^7 + 7^3 + 8^1 + 9^2$
 $27974 := -0^0 + 1^4 + 2^6 + 3^8 - 4^9 + 5^5 + 6^7 + 7^3 + 8^1 + 9^2$
 $27975 := 0^7 - 1^8 + 2^6 + 3^9 + 4^4 + 5^3 + 6^5 + 7^1 + 8^2 + 9^0$
 $27976 := 0^5 - 1^7 + 2^8 - 3^9 + 4^3 + 5^4 + 6^6 + 7^2 + 8^0 + 9^1$
 $27977 := 0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^3 + 6^5 + 7^1 + 8^2 + 9^0$
 $27978 := 0^5 + 1^7 + 2^8 - 3^9 + 4^3 + 5^4 + 6^6 + 7^2 + 8^0 + 9^1$
 $27979 := 0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^3 + 6^5 + 7^0 + 8^2 + 9^1$
 $27980 := 0^6 - 1^7 - 2^8 + 3^9 + 4^3 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$
 $27981 := 0^8 - 1^9 + 2^7 + 3^2 + 4^1 + 5^6 + 6^5 + 7^3 + 8^4 + 9^0$
 $27982 := 0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2$
 $27983 := 0^8 + 1^9 + 2^7 + 3^2 + 4^1 + 5^6 + 6^5 + 7^3 + 8^4 + 9^0$
 $27984 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2$
 $27985 := 0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2$
 $27986 := 0^8 - 1^9 + 2^7 + 3^2 + 4^0 + 5^6 + 6^5 + 7^3 + 8^4 + 9^1$
 $27987 := 0^8 - 1^9 + 2^7 + 3^1 + 4^2 + 5^6 + 6^5 + 7^3 + 8^4 + 9^0$
 $27988 := 0^8 + 1^9 + 2^7 + 3^2 + 4^0 + 5^6 + 6^5 + 7^3 + 8^4 + 9^1$
 $27989 := 0^8 + 1^9 + 2^7 + 3^1 + 4^2 + 5^6 + 6^5 + 7^3 + 8^4 + 9^0$
 $27990 := 0^7 - 1^8 + 2^9 - 3^3 + 4^6 + 5^1 + 6^2 + 7^5 + 8^0 + 9^4$
 $27991 := 0^1 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
 $27992 := 0^7 - 1^8 + 2^6 + 3^9 + 4^4 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$
 $27993 := 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^0$
 $27994 := 0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$
 $27995 := 0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^3 + 6^5 + 7^0 + 8^1 + 9^2$
 $27996 := 0^7 + 1^9 - 2^4 + 3^8 + 4^6 + 5^2 + 6^0 + 7^5 + 8^3 + 9^1$
 $27997 := 0^1 + 1^8 + 2^9 + 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^4 + 9^2$
 $27998 := -0^0 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$
 $27999 := 0^8 - 1^0 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$
 $28000 := -0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$

$28001 := 0^8 + 1^0 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$
 $28002 := 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1$
 $28003 := 0^7 - 1^9 + 2^8 + 3^1 + 4^6 + 5^0 + 6^3 + 7^5 + 8^2 + 9^4$
 $28004 := 0^3 + 1^7 - 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1$
 $28005 := 0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^0 + 6^3 + 7^5 + 8^2 + 9^4$
 $28006 := 0^3 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^1$
 $28007 := 0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^1 + 6^3 + 7^5 + 8^2 + 9^4$
 $28008 := 0^1 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$
 $28009 := 0^5 + 1^7 - 2^8 + 3^9 + 4^6 + 5^0 + 6^2 + 7^3 + 8^4 + 9^1$

$28010 := 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^0 + 9^2$
 $28011 := 0^7 - 1^8 - 2^5 + 3^9 + 4^6 + 5^3 + 6^2 + 7^1 + 8^4 + 9^0$
 $28012 := -0^0 - 1^8 - 2^9 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^3 + 9^1$
 $28013 := 0^7 + 1^8 - 2^5 + 3^9 + 4^6 + 5^3 + 6^2 + 7^1 + 8^4 + 9^0$
 $28014 := -0^0 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$
 $28015 := 0^8 - 1^0 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$
 $28016 := -0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$
 $28017 := 0^8 + 1^0 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$
 $28018 := 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^4 + 8^1 + 9^2$

$28019 := 0^3 + 1^7 - 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^0 + 8^2 + 9^1$
 $28020 := 0^8 - 1^9 - 2^2 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$
 $28021 := 0^8 - 1^9 + 2^3 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^1 + 9^0$
 $28022 := 0^8 - 1^9 + 2^3 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^0 + 9^1$
 $28023 := 0^8 + 1^9 + 2^3 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^1 + 9^0$
 $28024 := 0^8 + 1^9 + 2^3 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^0 + 9^1$
 $28025 := 0^1 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2$
 $28026 := 0^6 - 1^8 + 2^7 + 3^9 + 4^4 + 5^3 + 6^5 + 7^2 + 8^0 + 9^1$
 $28027 := 0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^3 + 6^5 + 7^2 + 8^1 + 9^0$

28028 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^3 + 6^5 + 7^2 + 8^0 + 9^1$	28077 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^3 + 6^2 + 7^1 + 8^4 + 9^0$	28126 := $0^7 + 1^8 + 2^9 + 3^3 + 4^0 + 5^6 + 6^5 + 7^1 + 8^4 + 9^2$
28029 := $0^9 - 1^0 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	28078 := $0^7 - 1^9 + 2^0 + 3^8 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$	28127 := $0^7 + 1^8 + 2^9 + 3^1 + 4^3 + 5^6 + 6^5 + 7^2 + 8^4 + 9^0$
28030 := $0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$	28079 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^2 + 7^0 + 8^3 + 9^4$	28128 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^3 + 6^0 + 7^5 + 8^4 + 9^1$
28031 := $0^9 + 1^0 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	28080 := $0^7 + 1^9 + 2^0 + 3^8 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$	28129 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^0 + 6^1 + 7^5 + 8^4 + 9^2$
28032 := $0^0 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	28081 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^0 + 6^2 + 7^1 + 8^3 + 9^4$	28130 := $0^3 - 1^8 - 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1$
28033 := $0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3$	28082 := $0^8 - 1^9 + 2^3 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^0 + 9^2$	28131 := $0^7 - 1^8 + 2^9 + 3^0 + 4^3 + 5^6 + 6^5 + 7^2 + 8^4 + 9^1$
28034 := $0^7 - 1^8 + 2^9 + 3^3 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^4$	28083 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^1 + 6^2 + 7^5 + 8^4 + 9^0$	28132 := $0^8 - 1^9 + 2^7 + 3^1 + 4^6 + 5^2 + 6^0 + 7^5 + 8^3 + 9^4$
28035 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^1 + 6^2 + 7^5 + 8^3 + 9^0$	28084 := $0^8 + 1^9 + 2^3 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^0 + 9^2$	28133 := $0^7 + 1^8 + 2^9 + 3^0 + 4^3 + 5^6 + 6^5 + 7^2 + 8^4 + 9^1$
28036 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^4$	28085 := $0^1 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^2 + 8^4 + 9^0$	28134 := $0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^2 + 6^0 + 7^5 + 8^3 + 9^4$
28037 := $0^7 - 1^9 + 2^4 + 3^8 + 4^6 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$	28086 := $0^7 - 1^9 + 2^1 + 3^8 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3$	28135 := $0^4 - 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^1 + 7^5 + 8^3 + 9^0$
28038 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^2 + 6^0 + 7^5 + 8^1 + 9^4$	28087 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^0 + 6^2 + 7^5 + 8^4 + 9^1$	28136 := $0^8 - 1^9 + 2^1 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^0 + 9^2$
28039 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$	28088 := $0^7 + 1^9 + 2^1 + 3^8 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3$	28137 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^1 + 7^5 + 8^3 + 9^0$
28040 := $0^2 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3$	28089 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0$	28138 := $0^8 + 1^9 + 2^1 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^0 + 9^2$
28041 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^3 + 6^5 + 7^1 + 8^2 + 9^0$	28090 := $0^8 + 1^9 + 2^0 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$	28139 := $0^1 - 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$
28042 := $0^8 - 1^9 - 2^1 + 3^6 + 4^7 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$	28091 := $0^7 + 1^8 + 2^9 + 3^2 + 4^3 + 5^6 + 6^5 + 7^1 + 8^4 + 9^0$	28140 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^0 + 7^5 + 8^3 + 9^1$
28043 := $0^2 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$	28092 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^1 + 6^0 + 7^2 + 8^3 + 9^4$	28141 := $0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^5 + 7^4 + 8^3 + 9^2$
28044 := $0^7 - 1^8 + 2^9 + 3^3 + 4^6 + 5^1 + 6^2 + 7^5 + 8^0 + 9^4$	28093 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^0 + 6^1 + 7^2 + 8^3 + 9^4$	28142 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^3 + 6^2 + 7^5 + 8^0 + 9^4$
28045 := $0^2 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^0 + 8^4 + 9^1$	28094 := $0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^2 + 8^4 + 9^1$	28143 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^3 + 6^2 + 7^5 + 8^4 + 9^0$
28046 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^1 + 6^2 + 7^5 + 8^0 + 9^4$	28095 := $0^6 + 1^8 - 2^7 + 3^9 + 4^3 + 5^4 + 6^5 + 7^0 + 8^2 + 9^1$	28144 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1$
28047 := $0^7 + 1^9 + 2^2 + 3^8 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3$	28096 := $0^7 + 1^8 + 2^9 + 3^3 + 4^0 + 5^6 + 6^5 + 7^2 + 8^4 + 9^1$	28145 := $0^8 + 1^9 + 2^7 + 3^1 + 4^6 + 5^0 + 6^2 + 7^5 + 8^3 + 9^4$
28048 := $0^7 + 1^9 + 2^2 + 3^8 + 4^5 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3$	28097 := $0^1 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$	28146 := $0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^3 + 9^2$
28049 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^0 + 6^2 + 7^5 + 8^1 + 9^4$	28098 := $0^4 + 1^9 - 2^7 + 3^8 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^3$	28147 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^2 + 7^5 + 8^1 + 9^0$
28050 := $0^3 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^0 + 7^4 + 8^1 + 9^2$	28099 := $0^6 - 1^9 - 2^2 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3$	28148 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^2 + 7^5 + 8^0 + 9^1$
28051 := $0^5 + 1^7 - 2^8 + 3^9 + 4^6 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2$	28100 := $0^2 + 1^7 - 2^9 + 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$	28149 := $0^4 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$
28052 := $0^8 - 1^9 + 2^0 + 3^6 + 4^7 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$	28101 := $0^6 + 1^9 - 2^2 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3$	28150 := $0^6 - 1^9 - 2^0 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$
28053 := $0^8 - 1^9 + 2^7 + 3^0 + 4^1 + 5^6 + 6^5 + 7^3 + 8^4 + 9^2$	28102 := $-0^0 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$	28151 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$
28054 := $0^8 + 1^9 + 2^0 + 3^6 + 4^7 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$	28103 := $0^6 + 1^8 - 2^9 + 3^2 + 4^7 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$	28152 := $0^6 - 1^9 + 2^0 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$
28055 := $0^8 + 1^9 + 2^7 + 3^0 + 4^1 + 5^6 + 6^5 + 7^3 + 8^4 + 9^2$	28104 := $0^0 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$	28153 := $0^6 - 1^7 + 2^8 + 3^9 + 4^4 + 5^3 + 6^5 + 7^2 + 8^1 + 9^0$
28056 := $0^6 - 1^8 + 2^7 + 3^9 + 4^4 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$	28105 := $0^6 - 1^8 - 2^9 + 3^2 + 4^7 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$	28154 := $0^6 + 1^9 + 2^0 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$
28057 := $0^6 - 1^8 + 2^7 + 3^9 + 4^4 + 5^3 + 6^5 + 7^0 + 8^1 + 9^2$	28106 := $0^6 - 1^9 + 2^2 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3$	28155 := $0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^3 + 6^5 + 7^2 + 8^1 + 9^0$
28058 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$	28107 := $0^6 - 1^9 + 2^2 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3$	28156 := $0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^3 + 6^5 + 7^2 + 8^0 + 9^1$
28059 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^3 + 6^5 + 7^0 + 8^1 + 9^2$	28108 := $0^6 + 1^9 + 2^2 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3$	28157 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^2 + 6^3 + 7^1 + 8^4 + 9^0$
28060 := $0^8 + 1^9 - 2^2 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^0 + 9^1$	28109 := $0^6 + 1^9 + 2^2 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3$	28158 := $0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^2 + 6^5 + 7^3 + 8^0 + 9^1$
28061 := $0^7 + 1^8 + 2^9 + 3^3 + 4^2 + 5^6 + 6^5 + 7^1 + 8^4 + 9^0$	28110 := $0^6 + 1^8 - 2^7 + 3^9 + 4^3 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$	28159 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^2 + 6^3 + 7^0 + 8^4 + 9^1$
28062 := $0^6 + 1^9 + 2^7 - 3^8 + 4^0 + 5^1 + 6^4 + 7^3 + 8^5 + 9^2$	28111 := $0^7 + 1^9 + 2^8 + 3^2 + 4^1 + 5^6 + 6^5 + 7^3 + 8^4 + 9^0$	28160 := $0^7 + 1^9 - 2^6 + 3^8 + 4^1 + 5^2 + 6^0 + 7^5 + 8^4 + 9^3$
28063 := $0^7 + 1^8 + 2^9 + 3^3 + 4^2 + 5^6 + 6^5 + 7^0 + 8^4 + 9^1$	28112 := $0^1 - 1^9 + 2^6 - 3^8 + 4^7 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$	28161 := $0^6 - 1^9 + 2^1 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$
28064 := $0^7 + 1^8 + 2^5 - 3^9 + 4^0 + 5^4 + 6^6 + 7^3 + 8^1 + 9^2$	28113 := $0^8 + 1^9 - 2^7 + 3^2 + 4^1 + 5^6 + 6^5 + 7^0 + 8^4 + 9^3$	28162 := $0^3 + 1^8 - 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2$
28065 := $0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$	28114 := $0^7 - 1^9 + 2^8 + 3^2 + 4^0 + 5^6 + 6^5 + 7^3 + 8^4 + 9^1$	28163 := $0^6 + 1^9 + 2^1 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$
28066 := $0^8 - 1^9 + 2^2 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^0 + 9^1$	28115 := $0^1 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2$	28164 := $0^6 - 1^9 - 2^0 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$
28067 := $0^8 + 1^9 + 2^2 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^1 + 9^0$	28116 := $0^7 + 1^9 + 2^8 + 3^2 + 4^0 + 5^6 + 6^5 + 7^3 + 8^4 + 9^1$	28165 := $0^6 + 1^7 + 2^9 - 3^8 + 4^2 + 5^3 + 6^4 + 7^1 + 8^5 + 9^0$
28068 := $0^8 + 1^9 + 2^2 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^0 + 9^1$	28117 := $0^1 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2$	28166 := $0^2 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3$
28069 := $0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^5 + 7^4 + 8^3 + 9^1$	28118 := $0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^3 + 6^1 + 7^5 + 8^0 + 9^4$	28167 := $0^2 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0$
28070 := $0^6 + 1^7 + 2^8 + 3^9 + 4^5 + 5^2 + 6^0 + 7^1 + 8^3 + 9^4$	28119 := $0^7 - 1^8 + 2^5 + 3^9 + 4^6 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$	28168 := $0^2 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3$
28071 := $0^6 - 1^7 + 2^9 + 3^8 + 4^3 + 5^2 + 6^1 + 7^5 + 8^4 + 9^0$	28120 := $0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^3 + 6^0 + 7^5 + 8^1 + 9^4$	28169 := $0^2 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0$
28072 := $0^8 + 1^9 + 2^3 + 3^7 + 4^0 + 5^6 + 6^5 + 7^4 + 8^2 + 9^1$	28121 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$	28170 := $0^7 + 1^8 + 2^9 + 3^1 + 4^6 + 5^3 + 6^0 + 7^5 + 8^2 + 9^4$
28073 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^2 + 6^1 + 7^5 + 8^4 + 9^0$	28122 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^3 + 6^0 + 7^1 + 8^4 + 9^2$	28171 := $0^2 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3$
28074 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^1 + 6^0 + 7^5 + 8^2 + 9^4$	28123 := $0^7 + 1^0 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^2$	28172 := $0^2 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^3 + 8^4 + 9^1$
28075 := $0^7 + 1^8 + 2^9 + 3^3 + 4^6 + 5^0 + 6^1 + 7^5 + 8^2 + 9^4$	28124 := $0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^1 + 8^4 + 9^2$	28173 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^1 + 7^5 + 8^2 + 9^0$
28076 := $0^6 + 1^7 + 2^9 + 3^8 + 4^3 + 5^2 + 6^0 + 7^5 + 8^4 + 9^1$	28125 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^3 + 6^1 + 7^5 + 8^4 + 9^0$	28174 := $0^4 - 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1$

28175 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1$	28224 := $0^1 + 1^8 - 2^9 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^0 + 9^3$	28273 := $0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^0 + 6^2 + 7^5 + 8^3 + 9^4$
28176 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^0 + 7^5 + 8^2 + 9^1$	28225 := $0^1 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$	28274 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^1 + 6^5 + 7^3 + 8^0 + 9^2$
28177 := $0^2 - 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^1 + 7^5 + 8^4 + 9^3$	28226 := $0^4 - 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^3 + 7^5 + 8^0 + 9^1$	28275 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^1 + 6^3 + 7^2 + 8^4 + 9^0$
28178 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^0 + 7^5 + 8^4 + 9^3$	28227 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^3 + 7^5 + 8^1 + 9^0$	28276 := $0^0 + 1^8 - 2^9 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^2 + 9^3$
28179 := $0^2 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^1 + 7^5 + 8^4 + 9^3$	28228 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^3 + 7^5 + 8^0 + 9^1$	28277 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^0 + 6^5 + 7^3 + 8^1 + 9^2$
28180 := $0^7 - 1^9 + 2^8 + 3^1 + 4^0 + 5^6 + 6^5 + 7^3 + 8^4 + 9^2$	28229 := $0^2 - 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0$	28278 := $0^4 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$
28181 := $0^7 - 1^8 + 2^5 + 3^9 + 4^6 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1$	28230 := $-0^0 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$	28279 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1$
28182 := $0^7 + 1^9 + 2^8 + 3^1 + 4^0 + 5^6 + 6^5 + 7^3 + 8^4 + 9^2$	28231 := $0^2 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0$	28280 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^3 + 7^5 + 8^0 + 9^2$
28183 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^0 + 6^3 + 7^2 + 8^4 + 9^1$	28232 := $0^0 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$	28281 := $0^7 + 1^8 + 2^3 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0$
28184 := $0^6 - 1^7 + 2^8 + 3^9 + 4^4 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$	28233 := $0^7 + 1^8 - 2^5 + 3^9 + 4^6 + 5^0 + 6^2 + 7^3 + 8^4 + 9^1$	28282 := $0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$
28185 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0$	28234 := $0^4 - 1^6 - 2^0 - 3^8 - 4^9 + 5^3 + 6^7 + 7^5 + 8^2 + 9^1$	28283 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^3 + 7^5 + 8^1 + 9^2$
28186 := $0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^3 + 6^5 + 7^1 + 8^0 + 9^2$	28235 := $0^7 - 1^8 - 2^1 + 3^9 - 4^6 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$	28284 := $0^7 - 1^8 + 2^5 + 3^9 + 4^6 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1$
28187 := $0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^3 + 6^5 + 7^0 + 8^1 + 9^2$	28236 := $0^6 - 1^8 + 2^7 + 3^9 - 4^3 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$	28285 := $0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3$
28188 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^3 + 6^0 + 7^2 + 8^4 + 9^1$	28237 := $0^3 - 1^0 + 2^9 + 3^6 - 4^8 + 5^7 + 6^5 + 7^1 + 8^2 + 9^4$	28286 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1$
28189 := $0^6 + 1^8 - 2^7 + 3^9 + 4^4 + 5^0 + 6^5 + 7^1 + 8^3 + 9^2$	28238 := $0^6 + 1^8 + 2^7 + 3^9 - 4^3 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$	28287 := $0^1 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
28190 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^1 + 7^5 + 8^0 + 9^2$	28239 := $0^1 - 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$	28288 := $0^7 + 1^9 + 2^6 + 3^8 + 4^1 + 5^2 + 6^0 + 7^5 + 8^4 + 9^3$
28191 := $0^4 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2$	28240 := $0^7 - 1^9 + 2^4 + 3^8 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^3$	28289 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^2 + 9^0$
28192 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^0 + 7^5 + 8^1 + 9^2$	28241 := $0^1 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$	28290 := $0^7 + 1^9 + 2^6 + 3^8 + 4^0 + 5^2 + 6^1 + 7^5 + 8^4 + 9^3$
28193 := $0^4 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2$	28242 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^3$	28291 := $0^7 - 1^8 + 2^5 + 3^9 + 4^6 + 5^1 + 6^2 + 7^3 + 8^4 + 9^0$
28194 := $0^6 - 1^7 - 2^9 - 3^8 + 4^3 + 5^2 + 6^0 + 7^4 + 8^5 + 9^1$	28243 := $0^1 + 1^9 - 2^7 + 3^8 + 4^6 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0$	28292 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^2 + 9^1$
28195 := $0^7 - 1^8 + 2^6 + 3^9 + 4^4 + 5^0 + 6^5 + 7^3 + 8^2 + 9^1$	28244 := $0^1 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2$	28293 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^1 + 6^2 + 7^3 + 8^4 + 9^0$
28196 := $0^1 - 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^4 + 9^3$	28245 := $0^6 - 1^7 - 2^8 + 3^9 + 4^4 + 5^0 + 6^5 + 7^2 + 8^1 + 9^3$	28294 := $-0^0 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
28197 := $0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^0 + 6^5 + 7^3 + 8^2 + 9^1$	28246 := $0^7 - 1^9 + 2^8 + 3^2 + 4^6 + 5^1 + 6^0 + 7^5 + 8^3 + 9^4$	28295 := $0^6 + 1^0 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
28198 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^4 + 9^3$	28247 := $0^7 - 1^0 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$	28296 := $0^0 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
28199 := $0^1 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^0$	28248 := $0^7 + 1^9 + 2^8 + 3^2 + 4^6 + 5^1 + 6^0 + 7^5 + 8^3 + 9^4$	28297 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^0 + 6^2 + 7^3 + 8^4 + 9^1$
28200 := $-0^0 - 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^4 + 9^3$	28249 := $0^7 + 1^0 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$	28298 := $0^7 + 1^8 + 2^3 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2$
28201 := $0^1 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^0 + 8^4 + 9^3$	28250 := $0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$	28299 := $0^7 + 1^8 + 2^3 + 3^9 + 4^6 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$
28202 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^4 + 9^3$	28251 := $0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^2 + 6^3 + 7^1 + 8^4 + 9^0$	28300 := $0^7 + 1^9 + 2^6 + 3^8 + 4^0 + 5^1 + 6^2 + 7^5 + 8^4 + 9^3$
28203 := $0^9 + 1^0 + 2^8 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^4 + 9^3$	28252 := $0^7 + 1^9 + 2^4 + 3^8 + 4^6 + 5^1 + 6^2 + 7^5 + 8^0 + 9^3$	28301 := $0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^3 + 6^2 + 7^1 + 8^4 + 9^0$
28204 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^4 + 9^3$	28253 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^2 + 6^3 + 7^1 + 8^4 + 9^0$	28302 := $0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$
28205 := $0^7 - 1^0 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$	28254 := $0^2 - 1^9 - 2^8 + 3^7 + 4^0 + 5^6 + 6^5 + 7^4 + 8^3 + 9^1$	28303 := $0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^3 + 6^2 + 7^0 + 8^4 + 9^1$
28206 := $-0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$	28255 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^2 + 6^3 + 7^0 + 8^4 + 9^1$	28304 := $0^1 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$
28207 := $0^7 + 1^0 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$	28256 := $0^2 + 1^9 - 2^8 + 3^7 + 4^0 + 5^6 + 6^5 + 7^4 + 8^3 + 9^1$	28305 := $0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2$
28208 := $0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1$	28257 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^1 + 6^5 + 7^3 + 8^2 + 9^0$	28306 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$
28209 := $0^1 + 1^9 + 2^8 + 3^7 + 4^6 + 5^0 + 6^2 + 7^5 + 8^4 + 9^3$	28258 := $0^1 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$	28307 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2$
28210 := $0^1 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3$	28259 := $0^6 - 1^8 + 2^7 + 3^9 + 4^4 + 5^0 + 6^5 + 7^3 + 8^2 + 9^1$	28308 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^1 + 9^2$
28211 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^1 + 6^3 + 7^0 + 8^4 + 9^2$	28260 := $0^7 - 1^9 + 2^8 + 3^1 + 4^6 + 5^2 + 6^0 + 7^5 + 8^3 + 9^4$	28309 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^0 + 6^3 + 7^1 + 8^4 + 9^2$
28212 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^4 + 9^3$	28261 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^0 + 6^5 + 7^3 + 8^2 + 9^1$	28310 := $0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$
28213 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^0 + 6^3 + 7^1 + 8^4 + 9^2$	28262 := $0^7 + 1^9 + 2^8 + 3^1 + 4^6 + 5^2 + 6^0 + 7^5 + 8^3 + 9^4$	28311 := $0^6 + 1^0 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$
28214 := $0^0 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^4 + 9^3$	28263 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^1 + 9^0$	28312 := $0^0 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$
28215 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^1 + 6^3 + 7^5 + 8^4 + 9^0$	28264 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^0 + 9^1$	28313 := $0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^3 + 6^1 + 7^2 + 8^4 + 9^0$
28216 := $-0^0 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$	28265 := $0^7 + 1^9 + 2^8 + 3^0 + 4^6 + 5^2 + 6^1 + 7^5 + 8^3 + 9^4$	28314 := $0^5 - 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$
28217 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^3 + 6^1 + 7^0 + 8^4 + 9^2$	28266 := $0^7 - 1^8 + 2^3 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1$	28315 := $0^3 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^2 + 9^0$
28218 := $0^0 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$	28267 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^3 + 7^5 + 8^2 + 9^1$	28316 := $0^5 + 1^6 + 2^9 + 3^8 + 4^7 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$
28219 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^0 + 6^3 + 7^5 + 8^4 + 9^1$	28268 := $0^7 + 1^8 + 2^3 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^0 + 9^1$	28317 := $0^2 - 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^1 + 9^0$
28220 := $0^0 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^2 + 8^4 + 9^3$	28269 := $0^3 - 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^1 + 9^0$	28318 := $0^2 - 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^0 + 9^1$
28221 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^2 + 6^5 + 7^3 + 8^1 + 9^0$	28270 := $0^3 - 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^0 + 9^1$	28319 := $0^2 + 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^1 + 9^0$
28222 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^2 + 6^5 + 7^3 + 8^0 + 9^1$	28271 := $0^3 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^1 + 9^0$	28320 := $0^2 + 1^9 + 2^8 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^0 + 9^1$
28223 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^2 + 6^3 + 7^5 + 8^4 + 9^0$	28272 := $0^3 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^0 + 9^1$	28321 := $0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^3 + 9^0$

28322 := -0⁰-1⁸+2⁹-3⁸+4⁷+5⁴+6²+7⁵+8³+9¹
28323 := 0²-1⁸+2⁹+3⁶+4⁷+5⁰+6⁵+7⁴+8³+9¹
28324 := 0⁶-1⁸-2⁷+3⁹+4²+5⁴+6⁵+7³+8⁰+9¹
28325 := 0²+1⁸+2⁹+3⁶+4⁷+5⁰+6⁵+7⁴+8³+9¹
28326 := 0⁶+1⁸-2⁷+3⁹+4²+5⁴+6⁵+7³+8⁰+9¹
28327 := 0⁵+1⁶+2⁹+3⁸+4⁷+5⁰+6²+7¹+8⁴+9³
28328 := 0¹+1⁹-2⁸+3⁷+4⁰+5⁶+6⁵+7⁴+8³+9²
28329 := 0⁹-1⁰-2⁸+3⁷+4¹+5⁶+6⁵+7⁴+8³+9²
28330 := 0³-1⁹+2⁸+3⁷+4¹+5⁶+6⁵+7⁴+8⁰+9²
28331 := 0⁹+1⁰-2⁸+3⁷+4¹+5⁶+6⁵+7⁴+8³+9²
28332 := 0³+1⁹+2⁸+3⁷+4¹+5⁶+6⁵+7⁴+8⁰+9²
28333 := 0⁶-1⁸+2⁷+3⁹+4³+5⁴+6⁵+7²+8¹+9⁰
28334 := 0³-1⁹+2⁸+3⁷+4⁰+5⁶+6⁵+7⁴+8¹+9²
28335 := 0⁶+1⁸+2⁷+3⁹+4³+5⁴+6⁵+7²+8¹+9⁰
28336 := 0³+1⁹+2⁸+3⁷+4⁰+5⁶+6⁵+7⁴+8¹+9²
28337 := 0⁵-1⁶+2⁹+3⁸+4⁷+5⁰+6¹+7²+8⁴+9³
28338 := 0⁵+1⁶+2⁹+3⁸+4⁷+5¹+6⁰+7²+8⁴+9³
28339 := 0⁵+1⁶+2⁹+3⁸+4⁷+5⁰+6¹+7²+8⁴+9³
28340 := 0⁴+1⁸+2⁷-3⁹+4⁵+5³+6⁶+7¹+8⁰+9²
28341 := 0¹+1⁸+2⁹+3⁶+4⁷+5²+6⁵+7⁴+8³+9⁰
28342 := 0⁶-1⁹+2⁷+3⁸+4²+5¹+6⁰+7⁵+8⁴+9³
28343 := 0⁵-1⁷+2⁸+3⁹+4⁶+5³+6¹+7⁰+8⁴+9²
28344 := 0⁶+1⁹+2⁷+3⁸+4²+5¹+6⁰+7⁵+8⁴+9³
28345 := 0⁵+1⁷+2⁸+3⁹+4⁶+5³+6¹+7⁰+8⁴+9²
28346 := 0⁰+1⁹+2⁸+3⁶+4⁷+5¹+6⁵+7⁴+8²+9³
28347 := 0⁷+1⁸+2⁶+3⁹+4⁴+5¹+6⁵+7²+8³+9⁰
28348 := -0⁰+1⁸+2⁹+3⁶+4⁷+5²+6⁵+7⁴+8³+9¹
28349 := 0⁶+1⁷+2⁸+3⁹+4⁴+5²+6⁵+7³+8¹+9⁰
28350 := 0⁰+1⁸+2⁹+3⁶+4⁷+5²+6⁵+7⁴+8³+9¹
28351 := 0⁶+1⁸+2⁷+3⁹+4³+5⁴+6⁵+7⁰+8²+9¹
28352 := 0⁶+1⁹+2⁷+3⁸+4¹+5²+6⁰+7⁵+8⁴+9³
28353 := 0¹+1⁷-2⁸+3⁹+4⁶+5⁵+6⁴+7³+8²+9⁰
28354 := 0⁴+1⁹+2⁷+3⁸+4⁶+5²+6¹+7⁵+8⁰+9³
28355 := 0³-1⁸+2⁹-3⁷+4¹+5⁶+6⁵+7⁰+8²+9⁴
28356 := 0⁴+1⁹+2⁷+3⁸+4⁶+5²+6⁰+7⁵+8¹+9³
28357 := 0⁶-1⁹-2⁸+3²+4⁷+5¹+6⁵+7³+8⁴+9⁰
28358 := 0⁵+1⁷-2⁹+3⁸+4³+5⁶+6⁰+7²+8¹+9⁴
28359 := 0⁶+1⁹-2⁸+3²+4⁷+5¹+6⁵+7³+8⁴+9⁰
28360 := -0⁰+1⁷-2⁸+3⁹+4⁶+5⁵+6⁴+7³+8²+9¹
28361 := 0⁶-1⁹+2⁷+3⁸+4¹+5⁰+6²+7⁵+8⁴+9³
28362 := 0⁴-1⁹+2⁷+3⁸+4⁶+5¹+6²+7⁵+8⁰+9³
28363 := 0⁶+1⁹+2⁷+3⁸+4¹+5⁰+6²+7⁵+8⁴+9³
28364 := 0⁴+1⁹+2⁷+3⁸+4⁶+5¹+6²+7⁵+

$28469 := 0^8 + 1^0 + 2^9 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^4 + 9^3$	$28518 := 0^7 + 1^8 + 2^6 + 3^9 + 4^2 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1$	$28567 := 0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^0 + 6^5 + 7^2 + 8^1 + 9^3$
$28470 := 0^0 + 1^8 + 2^9 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^4 + 9^3$	$28519 := 0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^2 + 6^5 + 7^0 + 8^3 + 9^1$	$28568 := 0^6 + 1^9 + 2^3 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2$
$28471 := 0^1 - 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2$	$28520 := -0^0 - 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$	$28569 := 0^3 - 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^2 + 9^0$
$28472 := 0^2 + 1^9 - 2^8 + 3^7 + 4^0 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$	$28521 := 0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^1 + 7^5 + 8^3 + 9^0$	$28570 := 0^6 + 1^9 + 2^3 + 3^8 + 4^7 + 5^5 + 6^0 + 7^4 + 8^1 + 9^2$
$28473 := 0^1 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2$	$28522 := -0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$	$28571 := 0^3 + 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^2 + 9^0$
$28474 := 0^5 - 1^7 - 2^9 + 3^8 + 4^2 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4$	$28523 := 0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$	$28572 := 0^2 - 1^6 + 2^9 - 3^8 + 4^7 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$
$28475 := 0^6 - 1^7 + 2^8 + 3^9 + 4^3 + 5^4 + 6^5 + 7^1 + 8^2 + 9^0$	$28524 := 0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$	$28573 := 0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^0 + 6^5 + 7^1 + 8^3 + 9^2$
$28476 := -0^0 - 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	$28525 := 0^6 + 1^9 + 2^3 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^1 + 9^0$	$28574 := 0^2 - 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^0 + 9^1$
$28477 := 0^6 + 1^7 + 2^8 + 3^9 + 4^3 + 5^4 + 6^5 + 7^1 + 8^2 + 9^0$	$28526 := 0^6 + 1^9 + 2^3 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^1$	$28575 := 0^2 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^1 + 9^0$
$28478 := -0^0 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	$28527 := 0^3 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^1 + 9^0$	$28576 := 0^2 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^0 + 9^1$
$28479 := 0^6 + 1^0 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	$28528 := 0^3 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^0 + 9^1$	$28577 := 0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^1 + 7^5 + 8^3 + 9^2$
$28480 := 0^0 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	$28529 := 0^3 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^0$	$28578 := 0^7 + 1^8 + 2^6 + 3^9 + 4^1 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$
$28481 := 0^1 + 1^8 - 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$	$28530 := -0^0 + 1^9 - 2^8 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^2 + 9^3$	$28579 := 0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3$
$28482 := 0^2 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1$	$28531 := 0^3 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^0 + 8^2 + 9^1$	$28580 := 0^3 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^1$
$28483 := 0^7 - 1^8 + 2^6 + 3^9 - 4^2 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$	$28532 := 0^0 + 1^9 - 2^8 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^2 + 9^3$	$28581 := 0^3 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^1 + 9^0$
$28484 := 0^2 + 1^9 - 2^7 + 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$	$28533 := 0^4 - 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$	$28582 := 0^3 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^1$
$28485 := 0^9 - 1^0 - 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$	$28534 := 0^7 - 1^9 + 2^8 + 3^1 + 4^0 + 5^6 + 6^5 + 7^2 + 8^4 + 9^3$	$28583 := 0^1 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^0 + 8^4 + 9^3$
$28486 := -0^0 + 1^9 - 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$	$28535 := 0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^2 + 7^5 + 8^3 + 9^1$	$28584 := 0^8 - 1^9 + 2^1 + 3^7 + 4^0 + 5^6 + 6^5 + 7^4 + 8^3 + 9^2$
$28487 := 0^9 + 1^0 - 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$	$28536 := 0^7 + 1^9 + 2^8 + 3^1 + 4^0 + 5^6 + 6^5 + 7^2 + 8^4 + 9^3$	$28585 := 0^1 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^0 + 8^4 + 9^3$
$28488 := 0^0 + 1^9 - 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$	$28537 := 0^7 + 1^9 + 2^8 + 3^0 + 4^1 + 5^6 + 6^5 + 7^2 + 8^4 + 9^3$	$28586 := 0^8 + 1^9 + 2^1 + 3^7 + 4^0 + 5^6 + 6^5 + 7^4 + 8^3 + 9^2$
$28489 := 0^6 + 1^8 - 2^9 + 3^2 + 4^7 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3$	$28538 := 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^0 + 9^3$	$28587 := 0^7 + 1^8 - 2^6 + 3^9 + 4^1 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$
$28490 := 0^0 + 1^8 - 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$	$28539 := 0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^1 + 6^5 + 7^2 + 8^3 + 9^0$	$28588 := 0^3 + 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^0 + 9^2$
$28491 := 0^6 + 1^8 - 2^9 + 3^2 + 4^7 + 5^0 + 6^5 + 7^1 + 8^4 + 9^3$	$28540 := 0^7 - 1^8 + 2^6 + 3^9 + 4^4 + 5^2 + 6^5 + 7^1 + 8^0 + 9^3$	$28589 := 0^7 - 1^0 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$
$28492 := 0^6 - 1^7 + 2^8 + 3^9 + 4^3 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$	$28541 := 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^5 + 7^4 + 8^1 + 9^3$	$28590 := -0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$
$28493 := 0^6 - 1^7 + 2^8 + 3^9 + 4^3 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2$	$28542 := 0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^2 + 6^5 + 7^1 + 8^0 + 9^3$	$28591 := 0^7 + 1^0 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$
$28494 := 0^6 + 1^7 + 2^8 + 3^9 + 4^3 + 5^4 + 6^5 + 7^1 + 8^0 + 9^2$	$28543 := 0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^0 + 6^5 + 7^2 + 8^3 + 9^1$	$28592 := 0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^1 + 8^4 + 9^3$
$28495 := 0^6 + 1^7 + 2^8 + 3^9 + 4^3 + 5^4 + 6^5 + 7^0 + 8^1 + 9^2$	$28544 := 0^3 - 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2$	$28593 := 0^6 - 1^9 + 2^8 + 3^3 + 4^7 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$
$28496 := 0^3 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2$	$28545 := 0^3 - 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$	$28594 := 0^1 + 1^9 + 2^8 - 3^7 + 4^0 + 5^6 + 6^5 + 7^2 + 8^3 + 9^4$
$28497 := 0^7 + 1^9 + 2^8 + 3^2 + 4^1 + 5^6 + 6^5 + 7^0 + 8^4 + 9^3$	$28546 := 0^3 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^0 + 9^2$	$28595 := 0^6 + 1^9 + 2^8 + 3^3 + 4^7 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$
$28498 := 0^7 - 1^9 + 2^8 + 3^2 + 4^0 + 5^6 + 6^5 + 7^1 + 8^4 + 9^3$	$28547 := 0^3 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^0 + 8^1 + 9^2$	$28596 := 0^1 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3$
$28499 := 0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0$	$28548 := 0^7 - 1^8 - 2^2 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1$	$28597 := 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^5 + 7^4 + 8^2 + 9^3$
$28500 := 0^7 + 1^9 + 2^8 + 3^2 + 4^0 + 5^6 + 6^5 + 7^1 + 8^4 + 9^3$	$28549 := 0^6 - 1^9 + 2^3 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$	$28598 := 0^1 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^2 + 8^4 + 9^3$
$28501 := 0^7 - 1^9 + 2^8 + 3^1 + 4^2 + 5^6 + 6^5 + 7^0 + 8^4 + 9^3$	$28550 := 0^7 + 1^8 - 2^2 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1$	$28599 := 0^6 + 1^9 + 2^8 + 3^3 + 4^7 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
$28502 := 0^7 - 1^8 + 2^9 + 3^2 + 4^6 + 5^1 + 6^0 + 7^5 + 8^3 + 9^4$	$28551 := 0^6 + 1^9 + 2^3 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$	$28600 := -0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$
$28503 := 0^7 + 1^9 + 2^8 + 3^1 + 4^2 + 5^6 + 6^5 + 7^0 + 8^4 + 9^3$	$28552 := 0^6 - 1^9 + 2^3 + 3^8 + 4^7 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$	$28601 := 0^8 + 1^0 + 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$
$28504 := 0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^1 + 6^0 + 7^5 + 8^3 + 9^4$	$28553 := 0^2 - 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3$	$28602 := 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^4 + 8^2 + 9^3$
$28505 := 0^7 + 1^8 + 2^9 + 3^2 + 4^6 + 5^0 + 6^1 + 7^5 + 8^3 + 9^4$	$28554 := 0^6 + 1^9 + 2^3 + 3^8 + 4^7 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$	$28603 := 0^7 + 1^0 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^2 + 8^4 + 9^3$
$28506 := -0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^3 + 7^5 + 8^2 + 9^1$	$28555 := 0^2 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^0 + 8^4 + 9^3$	$28604 := 0^0 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^1 + 7^2 + 8^4 + 9^3$
$28507 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^2 + 6^1 + 7^3 + 8^4 + 9^0$	$28556 := 0^2 + 1^7 + 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^1 + 8^4 + 9^3$	$28605 := 0^3 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$
$28508 := 0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^3 + 7^5 + 8^2 + 9^1$	$28557 := 0^7 + 1^8 + 2^2 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0$	$28606 := 0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^2 + 6^5 + 7^1 + 8^0 + 9^3$
$28509 := 0^8 - 1^9 + 2^2 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^3 + 9^0$	$28558 := 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^4 + 8^0 + 9^3$	$28607 := 0^3 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$
$28510 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^2 + 6^0 + 7^3 + 8^4 + 9^1$	$28559 := 0^7 - 1^8 + 2^6 + 3^9 + 4^1 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$	$28608 := 0^3 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$
$28511 := 0^8 + 1^9 + 2^2 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^3 + 9^0$	$28560 := 0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2$	$28609 := 0^7 - 1^8 + 2^1 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
$28512 := -0^0 - 1^7 - 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$	$28561 := 0^7 + 1^8 + 2^6 + 3^9 + 4^1 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$	$28610 := 0^3 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$
$28513 := 0^3 - 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^0$	$28562 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^1 + 6^0 + 7^3 + 8^4 + 9^2$	$28611 := 0^7 + 1^8 + 2^1 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
$28514 := 0^1 - 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$	$28563 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^0 + 6^1 + 7^3 + 8^4 + 9^2$	$28612 := 0^6 + 1^7 - 2^8 + 3^9 + 4^1 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$
$28515 := 0^3 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^0$	$28564 := 0^7 + 1^8 + 2^6 + 3^9 + 4^4 + 5^1 + 6^5 + 7^2 + 8^0 + 9^3$	$28613 := 0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^0$
$28516 := 0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^3 + 7^5 + 8^0 + 9^2$	$28565 := 0^8 + 1^0 + 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$	$28614 := 0^2 - 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3$
$28517 := 0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^1 + 6^2 + 7^3 + 8^4 + 9^0$	$28566 := 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^4 + 8^1 + 9^3$	$28615 := 0^2 - 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3$

28616 := $0^2 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3$	28665 := $0^6 + 1^0 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$	28714 := $0^0 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$
28617 := $0^2 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3$	28666 := $0^0 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$	28715 := $0^7 + 1^8 + 2^6 + 3^9 + 4^1 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$
28618 := $0^7 + 1^8 + 2^0 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$	28667 := $0^7 - 1^8 + 2^5 + 3^9 + 4^6 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3$	28716 := $0^7 + 1^9 - 2^6 - 3^8 + 4^0 + 5^3 + 6^2 + 7^4 + 8^5 + 9^1$
28619 := $0^7 + 1^8 - 2^6 + 3^9 + 4^1 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2$	28668 := $0^7 - 1^8 + 2^5 + 3^9 + 4^6 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$	28717 := $0^7 + 1^8 - 2^2 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$
28620 := $0^5 + 1^7 - 2^9 + 3^8 + 4^1 + 5^6 + 6^2 + 7^3 + 8^0 + 9^4$	28669 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3$	28718 := $0^7 - 1^8 + 2^6 + 3^9 + 4^0 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1$
28621 := $0^8 + 1^9 - 2^6 + 3^1 + 4^7 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$	28670 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$	28719 := $0^7 + 1^8 - 2^2 + 3^9 + 4^6 + 5^5 + 6^4 + 7^0 + 8^3 + 9^1$
28622 := $0^3 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2$	28671 := $0^1 - 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$	28720 := $0^7 + 1^8 + 2^6 + 3^9 + 4^0 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1$
28623 := $0^6 - 1^8 + 2^7 + 3^9 + 4^1 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$	28672 := $-0^0 + 1^8 - 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	28721 := $0^6 - 1^9 + 2^8 + 3^1 + 4^7 + 5^3 + 6^5 + 7^0 + 8^4 + 9^2$
28624 := $0^3 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2$	28673 := $0^1 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$	28722 := $0^1 - 1^7 - 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3$
28625 := $0^6 + 1^8 + 2^7 + 3^9 + 4^1 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$	28674 := $0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^2 + 9^1$	28723 := $0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^3 + 6^5 + 7^0 + 8^4 + 9^2$
28626 := $0^3 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^0 + 7^4 + 8^1 + 9^2$	28675 := $0^6 - 1^7 + 2^8 + 3^9 - 4^2 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$	28724 := $0^1 + 1^7 - 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3$
28627 := $0^6 + 1^9 + 2^8 + 3^3 + 4^7 + 5^1 + 6^5 + 7^0 + 8^4 + 9^2$	28676 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^2 + 9^1$	28725 := $0^7 + 1^8 + 2^2 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$
28628 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^1 + 6^5 + 7^2 + 8^0 + 9^3$	28677 := $0^6 - 1^0 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$	28726 := $0^6 - 1^7 + 2^9 + 3^8 + 4^2 + 5^1 + 6^0 + 7^5 + 8^4 + 9^3$
28629 := $0^6 + 1^9 + 2^8 + 3^3 + 4^7 + 5^0 + 6^5 + 7^1 + 8^4 + 9^2$	28678 := $-0^0 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$	28727 := $0^6 + 1^9 + 2^8 + 3^0 + 4^7 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$
28630 := $0^6 + 1^8 + 2^7 + 3^9 + 4^0 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$	28679 := $0^6 + 1^0 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$	28728 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^1 + 6^0 + 7^5 + 8^4 + 9^3$
28631 := $0^1 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^2 + 9^0$	28680 := $0^0 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$	28729 := $0^6 + 1^7 + 2^9 + 3^8 + 4^2 + 5^0 + 6^1 + 7^5 + 8^4 + 9^3$
28632 := $0^7 - 1^8 + 2^0 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$	28681 := $0^2 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0$	28730 := $0^8 - 1^9 + 2^2 + 3^7 + 4^0 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$
28633 := $0^2 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$	28682 := $0^2 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1$	28731 := $0^7 + 1^0 - 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$
28634 := $0^7 + 1^8 + 2^0 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$	28683 := $0^8 + 1^9 + 2^6 + 3^2 + 4^7 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$	28732 := $0^8 + 1^9 + 2^2 + 3^7 + 4^0 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$
28635 := $0^1 + 1^8 - 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0$	28684 := $0^7 - 1^9 + 2^1 + 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2$	28733 := $0^6 - 1^7 + 2^8 + 3^9 + 4^4 + 5^2 + 6^5 + 7^0 + 8^1 + 9^3$
28636 := $-0^0 - 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^2 + 9^1$	28685 := $0^7 + 1^8 + 2^6 + 3^9 + 4^2 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0$	28734 := $0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^2 + 6^5 + 7^1 + 8^0 + 9^3$
28637 := $0^8 - 1^0 + 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^2 + 9^1$	28686 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2$	28735 := $0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^2 + 6^5 + 7^0 + 8^1 + 9^3$
28638 := $-0^0 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^2 + 9^1$	28687 := $0^7 + 1^8 + 2^6 + 3^9 + 4^2 + 5^4 + 6^5 + 7^0 + 8^3 + 9^1$	28736 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^2 + 6^0 + 7^5 + 8^4 + 9^3$
28639 := $0^8 + 1^0 + 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^2 + 9^1$	28688 := $0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$	28737 := $0^1 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
28640 := $0^0 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^2 + 9^1$	28689 := $0^6 - 1^9 + 2^8 + 3^1 + 4^7 + 5^3 + 6^5 + 7^2 + 8^4 + 9^0$	28738 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^3$
28641 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$	28690 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^0 + 9^2$	28739 := $0^1 + 1^7 - 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$
28642 := $0^6 + 1^8 + 2^7 + 3^9 + 4^1 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$	28691 := $0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^3 + 6^5 + 7^2 + 8^4 + 9^0$	28740 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1$
28643 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3$	28692 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^1 + 9^2$	28741 := $0^8 - 1^9 + 2^6 - 3^1 + 4^7 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$
28644 := $0^6 - 1^8 + 2^7 + 3^9 + 4^0 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$	28693 := $0^7 + 1^8 + 2^5 + 3^9 + 4^6 + 5^0 + 6^1 + 7^2 + 8^4 + 9^3$	28742 := $0^8 - 1^9 + 2^0 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$
28645 := $0^6 + 1^8 + 2^7 + 3^9 + 4^4 + 5^0 + 6^5 + 7^1 + 8^2 + 9^3$	28694 := $0^6 + 1^9 - 2^2 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$	28743 := $0^8 - 1^0 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
28646 := $0^6 + 1^8 + 2^7 + 3^9 + 4^0 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$	28695 := $0^6 - 1^9 + 2^8 + 3^0 + 4^7 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1$	28744 := $0^8 + 1^9 + 2^0 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$
28647 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^1 + 9^0$	28696 := $0^2 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3$	28745 := $0^8 + 1^0 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
28648 := $0^1 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^0 + 9^2$	28697 := $0^6 + 1^9 + 2^8 + 3^0 + 4^7 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1$	28746 := $0^0 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
28649 := $0^1 + 1^8 - 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^2 + 8^4 + 9^0$	28698 := $0^0 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$	28747 := $0^6 + 1^7 + 2^9 + 3^8 + 4^1 + 5^0 + 6^2 + 7^5 + 8^4 + 9^3$
28650 := $0^5 + 1^7 - 2^9 + 3^8 + 4^0 + 5^6 + 6^1 + 7^3 + 8^2 + 9^4$	28699 := $0^8 + 1^9 + 2^6 + 3^0 + 4^7 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$	28748 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^2 + 7^5 + 8^0 + 9^3$
28651 := $0^5 + 1^0 + 2^9 - 3^8 + 4^7 + 5^6 + 6^3 + 7^4 + 8^2 + 9^1$	28700 := $0^6 - 1^9 + 2^2 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$	28749 := $0^6 + 1^8 + 2^7 + 3^9 + 4^2 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0$
28652 := $-0^0 - 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^1 + 9^2$	28701 := $0^6 + 1^9 + 2^2 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$	28750 := $0^7 + 1^8 + 2^6 + 3^9 + 4^0 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$
28653 := $0^6 - 1^9 + 2^8 + 3^2 + 4^7 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$	28702 := $0^6 + 1^9 + 2^2 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$	28751 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^2 + 7^5 + 8^1 + 9^3$
28654 := $-0^0 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^1 + 9^2$	28703 := $0^3 + 1^9 - 2^7 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^0$	28752 := $0^1 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$
28655 := $0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$	28704 := $0^1 - 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$	28753 := $0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^4 + 6^5 + 7^3 + 8^2 + 9^0$
28656 := $0^0 + 1^8 + 2^9 + 3^7 + 4^3 + 5^6 + 6^5 + 7^4 + 8^1 + 9^2$	28705 := $0^3 - 1^9 - 2^7 + 3^8 + 4^6 + 5^0 + 6^4 + 7^5 + 8^2 + 9^1$	28754 := $0^1 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$
28657 := $0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^3 + 6^5 + 7^0 + 8^4 + 9^1$	28706 := $0^1 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$	28755 := $0^6 + 1^9 + 2^1 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$
28658 := $0^1 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3$	28707 := $0^6 - 1^7 + 2^8 + 3^9 + 4^2 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$	28756 := $0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^1 + 6^5 + 7^2 + 8^0 + 9^3$
28659 := $0^8 - 1^9 + 2^6 - 3^2 + 4^7 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$	28708 := $0^6 - 1^7 + 2^8 + 3^9 + 4^2 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1$	28757 := $0^6 - 1^7 + 2^8 + 3^9 + 4^4 + 5^0 + 6^5 + 7^2 + 8^1 + 9^3$
28660 := $0^1 + 1^5 + 2^9 - 3^8 + 4^7 + 5^6 + 6^3 + 7^4 + 8^0 + 9^2$	28709 := $0^6 + 1^7 + 2^8 + 3^9 + 4^2 + 5^4 + 6^5 + 7^3 + 8^1 + 9^0$	28758 := $0^6 + 1^7 + 2^8 + 3^9 + 4^0 + 5^4 + 6^5 + 7^3 + 8^2 + 9^1$
28661 := $0^8 + 1^9 + 2^6 - 3^2 + 4^7 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$	28710 := $0^6 + 1^7 + 2^8 + 3^9 + 4^2 + 5^4 + 6^5 + 7^3 + 8^0 + 9^1$	28759 := $0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^0 + 6^5 + 7^2 + 8^1 + 9^3$
28662 := $-0^0 - 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$	28711 := $0^6 + 1^8 - 2^7 + 3^9 + 4^2 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$	28760 := $-0^0 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$
28663 := $0^6 - 1^0 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$	28712 := $-0^0 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$	28761 := $0^2 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$
28664 := $-0^0 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$	28713 := $0^7 - 1^8 + 2^6 + 3^9 + 4^1 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$	28762 := $0^0 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$

28763 := $0^2 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^3 + 9^0$	28812 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2$	28861 := $0^5 + 1^9 - 2^7 + 3^8 + 4^2 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4$
28764 := $0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$	28813 := $0^7 + 1^8 + 2^4 - 3^9 + 4^5 + 5^1 + 6^6 + 7^0 + 8^2 + 9^3$	28862 := $0^7 - 1^9 + 2^0 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3$
28765 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3$	28814 := $0^6 + 1^8 + 2^7 + 3^9 + 4^0 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$	28863 := $0^1 - 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
28766 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$	28815 := $0^1 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$	28864 := $0^7 + 1^9 + 2^0 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3$
28767 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0$	28816 := $-0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2$	28865 := $0^1 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^0$
28768 := $0^2 + 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^5 + 7^4 + 8^3 + 9^1$	28817 := $0^1 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$	28866 := $0^6 - 1^7 - 2^9 - 3^8 + 4^0 + 5^1 + 6^2 + 7^4 + 8^5 + 9^3$
28769 := $0^6 - 1^7 + 2^8 + 3^9 + 4^4 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3$	28818 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2$	28867 := $0^1 + 1^8 - 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$
28770 := $0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$	28819 := $0^3 + 1^9 - 2^8 + 3^6 + 4^7 + 5^0 + 6^5 + 7^1 + 8^4 + 9^2$	28868 := $0^6 + 1^7 - 2^9 - 3^8 + 4^0 + 5^1 + 6^2 + 7^4 + 8^5 + 9^3$
28771 := $0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3$	28820 := $0^7 - 1^8 - 2^6 + 3^9 + 4^0 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$	28869 := $0^6 - 1^9 + 2^8 + 3^2 + 4^7 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$
28772 := $0^6 + 1^9 + 2^1 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$	28821 := $0^1 - 1^9 - 2^7 + 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^0$	28870 := $-0^0 - 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
28773 := $0^6 + 1^7 + 2^8 + 3^9 + 4^4 + 5^0 + 6^5 + 7^1 + 8^2 + 9^3$	28822 := $-0^0 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$	28871 := $0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0$
28774 := $0^6 + 1^7 + 2^8 + 3^9 + 4^0 + 5^4 + 6^5 + 7^3 + 8^1 + 9^2$	28823 := $0^9 - 1^0 + 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$	28872 := $-0^0 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
28775 := $0^1 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^3 + 9^0$	28824 := $-0^0 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$	28873 := $0^7 + 1^0 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
28776 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1$	28825 := $0^9 + 1^0 + 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$	28874 := $0^0 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^2 + 9^1$
28777 := $0^4 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^1 + 7^5 + 8^2 + 9^3$	28826 := $0^0 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$	28875 := $0^6 + 1^9 + 2^8 + 3^2 + 4^7 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1$
28778 := $0^6 + 1^9 + 2^0 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$	28827 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^0$	28876 := $0^1 + 1^2 - 2^9 + 3^8 - 4^7 + 5^6 + 6^3 + 7^5 + 8^0 + 9^4$
28779 := $0^6 + 1^8 + 2^7 + 3^9 + 4^1 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$	28828 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^3 + 7^5 + 8^0 + 9^1$	28877 := $0^6 + 1^7 + 2^8 + 3^9 + 4^2 + 5^4 + 6^5 + 7^1 + 8^3 + 9^0$
28780 := $-0^0 - 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^3 + 9^1$	28829 := $0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$	28878 := $0^7 - 1^8 + 2^4 - 3^9 + 4^3 + 5^6 + 6^0 + 7^1 + 8^5 + 9^2$
28781 := $0^9 - 1^0 + 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^3 + 9^1$	28830 := $0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^0 + 9^3$	28879 := $0^6 + 1^7 + 2^8 + 3^9 + 4^2 + 5^4 + 6^5 + 7^0 + 8^3 + 9^1$
28782 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^3 + 9^1$	28831 := $0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^2 + 6^5 + 7^0 + 8^4 + 9^1$	28880 := $0^1 - 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$
28783 := $0^9 + 1^0 + 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^3 + 9^1$	28832 := $0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^1 + 9^3$	28881 := $0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0$
28784 := $0^0 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^3 + 9^1$	28833 := $0^6 + 1^9 + 2^7 - 3^8 + 4^3 + 5^2 + 6^1 + 7^4 + 8^5 + 9^0$	28882 := $0^1 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^2$
28785 := $0^3 + 1^9 - 2^8 + 3^6 + 4^7 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$	28834 := $0^1 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$	28883 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^3 + 7^5 + 8^2 + 9^0$
28786 := $0^8 + 1^9 + 2^1 + 3^7 + 4^0 + 5^6 + 6^5 + 7^4 + 8^2 + 9^3$	28835 := $0^7 + 1^8 + 2^4 - 3^9 + 4^3 + 5^6 + 6^2 + 7^1 + 8^5 + 9^0$	28884 := $0^7 - 1^9 + 2^1 + 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$
28787 := $0^5 - 1^8 + 2^7 + 3^9 + 4^6 + 5^0 + 6^1 + 7^2 + 8^4 + 9^3$	28836 := $0^7 + 1^9 - 2^5 + 3^8 + 4^3 + 5^6 + 6^1 + 7^2 + 8^0 + 9^4$	28885 := $0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^0 + 6^5 + 7^1 + 8^4 + 9^2$
28788 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3$	28837 := $0^7 - 1^9 + 2^3 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^0$	28886 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$
28789 := $0^5 + 1^8 + 2^7 + 3^9 + 4^6 + 5^0 + 6^1 + 7^2 + 8^4 + 9^3$	28838 := $0^1 - 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^5 + 7^4 + 8^3 + 9^2$	28887 := $0^7 - 1^0 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$
28790 := $0^7 - 1^8 + 2^9 + 3^1 + 4^0 + 5^6 + 6^5 + 7^2 + 8^4 + 9^3$	28839 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^0$	28888 := $0^7 + 1^9 + 2^5 + 3^8 + 4^3 + 5^6 + 6^2 + 7^1 + 8^0 + 9^4$
28791 := $0^7 - 1^8 + 2^9 + 3^0 + 4^1 + 5^6 + 6^5 + 7^2 + 8^4 + 9^3$	28840 := $0^1 + 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^5 + 7^4 + 8^3 + 9^2$	28889 := $0^7 + 1^0 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$
28792 := $0^7 + 1^8 + 2^9 + 3^1 + 4^0 + 5^6 + 6^5 + 7^2 + 8^4 + 9^3$	28841 := $0^9 + 1^0 + 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$	28890 := $0^0 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^2$
28793 := $0^7 + 1^8 + 2^9 + 3^0 + 4^1 + 5^6 + 6^5 + 7^2 + 8^4 + 9^3$	28842 := $0^0 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$	28891 := $0^1 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0$
28794 := $-0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1$	28843 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^0 + 6^4 + 7^5 + 8^2 + 9^1$	28892 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^3 + 7^5 + 8^2 + 9^1$
28795 := $0^7 - 1^8 + 2^1 + 3^9 + 4^6 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2$	28844 := $0^0 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^3 + 9^2$	28893 := $0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^2 + 6^1 + 7^0 + 8^4 + 9^3$
28796 := $0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1$	28845 := $0^7 - 1^0 - 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2$	28894 := $0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^2 + 6^0 + 7^1 + 8^4 + 9^3$
28797 := $0^7 + 1^8 + 2^1 + 3^9 + 4^6 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2$	28846 := $-0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2$	28895 := $0^6 + 1^8 + 2^9 - 3^2 + 4^7 + 5^3 + 6^5 + 7^0 + 8^4 + 9^1$
28798 := $0^7 - 1^8 - 2^0 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	28847 := $0^2 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$	28896 := $-0^0 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
28799 := $0^4 + 1^7 + 2^8 - 3^9 + 4^5 + 5^2 + 6^6 + 7^1 + 8^3 + 9^0$	28848 := $0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2$	28897 := $0^7 - 1^9 + 2^2 + 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^1 + 9^0$
28800 := $0^7 - 1^8 + 2^0 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	28849 := $0^2 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$	28898 := $-0^0 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
28801 := $0^7 - 1^9 + 2^3 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^1 + 9^0$	28850 := $-0^0 + 1^8 - 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$	28899 := $0^7 + 1^9 + 2^2 + 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^1 + 9^0$
28802 := $0^7 + 1^8 + 2^0 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	28851 := $0^2 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^0 + 8^3 + 9^1$	28900 := $0^0 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
28803 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^1 + 9^0$	28852 := $0^0 + 1^8 - 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$	28901 := $0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3$
28804 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^0 + 9^1$	28853 := $0^6 - 1^8 + 2^9 + 3^3 + 4^7 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$	28902 := $0^7 + 1^8 + 2^6 + 3^9 + 4^2 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3$
28805 := $0^2 + 1^8 + 2^9 - 3^7 + 4^1 + 5^6 + 6^5 + 7^0 + 8^3 + 9^4$	28854 := $0^7 - 1^9 + 2^3 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^0 + 9^2$	28903 := $0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^1 + 6^2 + 7^0 + 8^4 + 9^3$
28806 := $0^7 - 1^8 - 2^6 + 3^9 + 4^0 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$	28855 := $0^6 + 1^8 + 2^9 + 3^3 + 4^7 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$	28904 := $-0^0 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$
28807 := $0^2 - 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0$	28856 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^0 + 9^2$	28905 := $0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^0 + 6^2 + 7^1 + 8^4 + 9^3$
28808 := $0^2 - 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1$	28857 := $0^7 - 1^9 + 2^3 + 3^8 + 4^6 + 5^0 + 6^4 + 7^5 + 8^1 + 9^2$	28906 := $-0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$
28809 := $0^2 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^1 + 9^0$	28858 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$	28907 := $0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^4 + 6^5 + 7^2 + 8^3 + 9^0$
28810 := $0^2 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^3 + 8^0 + 9^1$	28859 := $0^7 + 1^9 + 2^3 + 3^8 + 4^6 + 5^0 + 6^4 + 7^5 + 8^1 + 9^2$	28908 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^3 + 7^5 + 8^1 + 9^2$
28811 := $0^6 + 1^8 + 2^7 + 3^9 + 4^1 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2$	28860 := $0^0 + 1^8 - 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$	28909 := $0^6 - 1^8 + 2^9 + 3^2 + 4^7 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$

28910 := $0^6 - 1^7 + 2^8 + 3^9 + 4^0 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1$	28959 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^0$	29008 := $0^0 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2$
28911 := $0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$	28960 := $0^7 + 1^9 + 2^0 + 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$	29009 := $0^5 - 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^1 + 7^0 + 8^2 + 9^4$
28912 := $0^6 + 1^7 + 2^8 + 3^9 + 4^0 + 5^4 + 6^5 + 7^2 + 8^3 + 9^1$	28961 := $0^3 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^4 + 7^5 + 8^2 + 9^1$	29010 := $0^1 - 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$
28913 := $0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^3 + 6^5 + 7^0 + 8^4 + 9^1$	28962 := $-0^0 - 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$	29011 := $0^5 + 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^1 + 7^0 + 8^2 + 9^4$
28914 := $0^5 - 1^7 + 2^8 + 3^9 + 4^6 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3$	28963 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^4 + 7^5 + 8^2 + 9^1$	29012 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$
28915 := $0^7 + 1^9 + 2^5 + 3^8 + 4^3 + 5^6 + 6^1 + 7^0 + 8^2 + 9^4$	28964 := $0^6 - 1^8 + 2^7 + 3^9 + 4^2 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3$	29013 := $0^8 + 1^9 - 2^3 + 3^6 + 4^7 + 5^2 + 6^5 + 7^0 + 8^4 + 9^1$
28916 := $0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^1 + 6^0 + 7^2 + 8^4 + 9^3$	28965 := $0^6 - 1^8 + 2^7 + 3^9 + 4^2 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$	29014 := $0^6 + 1^8 + 2^7 + 3^9 + 4^0 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$
28917 := $0^5 + 1^7 + 2^8 + 3^9 + 4^6 + 5^0 + 6^1 + 7^2 + 8^4 + 9^3$	28966 := $0^6 + 1^8 + 2^7 + 3^9 + 4^2 + 5^4 + 6^5 + 7^1 + 8^0 + 9^3$	29015 := $0^9 - 1^0 + 2^7 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^2 + 9^3$
28918 := $-0^0 + 1^5 + 2^9 - 3^8 + 4^7 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1$	28967 := $0^6 + 1^8 + 2^7 + 3^9 + 4^2 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3$	29016 := $-0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^2 + 9^3$
28919 := $0^5 + 1^0 + 2^9 - 3^8 + 4^7 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1$	28968 := $0^7 - 1^9 + 2^1 + 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^0 + 9^2$	29017 := $0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^2 + 9^3$
28920 := $0^0 + 1^5 + 2^9 - 3^8 + 4^7 + 5^6 + 6^2 + 7^4 + 8^3 + 9^1$	28969 := $0^3 + 1^7 + 2^8 - 3^9 + 4^5 + 5^4 + 6^6 + 7^0 + 8^1 + 9^2$	29018 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^2 + 9^3$
28921 := $0^1 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2$	28970 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^0 + 9^2$	29019 := $0^1 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^0$
28922 := $0^3 - 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^0 + 9^1$	28971 := $0^6 - 1^8 + 2^9 - 3^1 + 4^7 + 5^3 + 6^5 + 7^0 + 8^4 + 9^2$	29020 := $0^7 + 1^9 + 2^5 + 3^8 + 4^2 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4$
28923 := $0^1 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2$	28972 := $0^7 - 1^9 - 2^0 + 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^1 + 9^2$	29021 := $0^7 + 1^9 + 2^5 + 3^8 + 4^2 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4$
28924 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^0 + 9^1$	28973 := $0^8 - 1^9 - 2^6 + 3^1 + 4^7 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$	29022 := $0^2 - 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^5 + 7^4 + 8^3 + 9^1$
28925 := $0^2 - 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$	28974 := $0^3 - 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^0 + 9^2$	29023 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^1 + 9^0$
28926 := $-0^0 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	28975 := $0^2 - 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$	29024 := $0^2 + 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^5 + 7^4 + 8^3 + 9^1$
28927 := $0^8 - 1^0 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	28976 := $0^3 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^0 + 9^2$	29025 := $0^7 - 1^0 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
28928 := $-0^0 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	28977 := $0^2 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^0$	29026 := $-0^0 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
28929 := $0^8 + 1^0 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	28978 := $0^2 - 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^0 + 9^3$	29027 := $0^7 + 1^0 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
28930 := $0^0 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$	28979 := $0^2 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^0 + 8^3 + 9^1$	29028 := $0^0 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^3 + 9^1$
28931 := $0^6 + 1^7 + 2^8 + 3^9 - 4^1 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2$	28980 := $0^2 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^0 + 9^3$	29029 := $0^3 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^1 + 9^0$
28932 := $0^7 + 1^8 + 2^6 + 3^9 + 4^1 + 5^4 + 6^5 + 7^2 + 8^0 + 9^3$	28981 := $0^6 - 1^8 + 2^9 + 3^0 + 4^7 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$	29030 := $0^3 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^1$
28933 := $0^7 - 1^8 - 2^2 + 3^9 + 4^6 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3$	28982 := $0^7 + 1^8 + 2^1 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3$	29031 := $0^1 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^3 + 9^0$
28934 := $0^7 - 1^8 + 2^6 + 3^9 + 4^0 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$	28983 := $0^6 + 1^8 + 2^9 + 3^0 + 4^7 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$	29032 := $0^5 + 1^9 - 2^7 + 3^8 + 4^1 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4$
28935 := $0^7 + 1^8 - 2^2 + 3^9 + 4^6 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3$	28984 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$	29033 := $0^8 + 1^9 - 2^3 + 3^6 + 4^7 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$
28936 := $0^7 + 1^8 + 2^6 + 3^9 + 4^0 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3$	28985 := $0^5 + 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^2 + 7^0 + 8^1 + 9^4$	29034 := $0^5 + 1^9 - 2^7 + 3^8 + 4^0 + 5^6 + 6^1 + 7^3 + 8^2 + 9^4$
28937 := $0^6 - 1^7 + 2^8 + 3^9 + 4^1 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2$	28986 := $0^7 - 1^8 + 2^0 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$	29035 := $0^8 - 1^9 - 2^3 + 3^6 + 4^7 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
28938 := $0^3 + 1^7 + 2^8 - 3^9 + 4^5 + 5^4 + 6^6 + 7^2 + 8^0 + 9^1$	28987 := $0^2 + 1^7 - 2^9 + 3^8 + 4^6 + 5^0 + 6^4 + 7^5 + 8^1 + 9^3$	29036 := $-0^0 - 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^3 + 9^1$
28939 := $0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^4 + 6^5 + 7^0 + 8^3 + 9^2$	28988 := $0^7 + 1^8 + 2^0 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3$	29037 := $0^8 - 1^0 + 2^9 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^3 + 9^1$
28940 := $0^6 - 1^7 + 2^8 + 3^9 + 4^0 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$	28989 := $0^9 - 1^0 + 2^7 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3$	29038 := $-0^0 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^3 + 9^1$
28941 := $0^6 + 1^9 + 2^8 + 3^1 + 4^7 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$	28990 := $-0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3$	29039 := $0^8 + 1^0 + 2^9 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^3 + 9^1$
28942 := $0^6 + 1^7 + 2^8 + 3^9 + 4^0 + 5^4 + 6^5 + 7^1 + 8^3 + 9^2$	28991 := $0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3$	29040 := $0^0 + 1^8 + 2^9 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^3 + 9^1$
28943 := $0^6 + 1^9 + 2^8 + 3^0 + 4^7 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$	28992 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3$	29041 := $0^9 - 1^0 + 2^8 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^2 + 9^3$
28944 := $0^0 + 1^9 - 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$	28993 := $0^6 - 1^9 + 2^2 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$	29042 := $-0^0 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^2 + 9^3$
28945 := $0^6 - 1^8 + 2^9 + 3^1 + 4^7 + 5^3 + 6^5 + 7^2 + 8^4 + 9^0$	28994 := $0^5 - 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^1 + 7^2 + 8^0 + 9^4$	29043 := $0^9 + 1^0 + 2^8 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^2 + 9^3$
28946 := $0^6 - 1^9 + 2^7 - 3^8 + 4^1 + 5^3 + 6^0 + 7^4 + 8^5 + 9^2$	28995 := $0^6 + 1^9 + 2^2 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$	29044 := $0^0 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^2 + 9^3$
28947 := $0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^3 + 6^5 + 7^2 + 8^4 + 9^0$	28996 := $0^5 + 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^1 + 7^2 + 8^0 + 9^4$	29045 := $0^7 - 1^0 - 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$
28948 := $0^7 - 1^8 + 2^6 + 3^9 + 4^0 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$	28997 := $0^7 + 1^8 + 2^1 + 3^9 + 4^6 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3$	29046 := $-0^0 + 1^7 - 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$
28949 := $0^7 + 1^9 - 2^1 + 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^0$	28998 := $0^5 + 1^9 + 2^7 + 3^8 + 4^3 + 5^6 + 6^0 + 7^2 + 8^1 + 9^4$	29047 := $0^8 - 1^9 + 2^3 + 3^6 + 4^7 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$
28950 := $0^7 + 1^8 + 2^6 + 3^9 + 4^0 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3$	28999 := $0^9 + 1^0 + 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$	29048 := $0^7 - 1^9 + 2^5 + 3^8 + 4^1 + 5^6 + 6^3 + 7^2 + 8^0 + 9^4$
28951 := $0^6 - 1^8 + 2^9 + 3^0 + 4^7 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1$	29000 := $0^0 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^4 + 8^1 + 9^3$	29049 := $0^8 + 1^9 + 2^3 + 3^6 + 4^7 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$
28952 := $0^2 - 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^0 + 9^3$	29001 := $0^7 + 1^9 - 2^5 + 3^8 + 4^1 + 5^6 + 6^3 + 7^0 + 8^2 + 9^4$	29050 := $0^7 + 1^9 + 2^5 + 3^8 + 4^1 + 5^6 + 6^3 + 7^2 + 8^0 + 9^4$
28953 := $0^6 + 1^8 + 2^9 + 3^0 + 4^7 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1$	29002 := $0^7 + 1^8 + 2^0 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3$	29051 := $0^1 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^0 + 8^3 + 9^2$
28954 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^0 + 9^3$	29003 := $0^7 + 1^8 - 2^3 - 3^9 + 4^4 + 5^6 + 6^2 + 7^1 + 8^5 + 9^0$	29052 := $0^7 - 1^9 + 2^5 + 3^8 + 4^0 + 5^6 + 6^3 + 7^2 + 8^1 + 9^4$
28955 := $0^8 + 1^9 - 2^6 + 3^0 + 4^7 + 5^2 + 6^5 + 7^1 + 8^4 + 9^3$	29004 := $0^1 + 1^7 - 2^9 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$	29053 := $0^8 + 1^9 + 2^3 + 3^6 + 4^7 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
28956 := $0^2 + 1^9 + 2^7 + 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^1 + 9^3$	29005 := $0^9 - 1^0 - 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2$	29054 := $0^7 + 1^9 + 2^5 + 3^8 + 4^0 + 5^6 + 6^3 + 7^2 + 8^1 + 9^4$
28957 := $0^3 - 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^0$	29006 := $-0^0 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2$	29055 := $0^2 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$
28958 := $0^7 - 1^9 + 2^0 + 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1$	29007 := $0^9 + 1^0 - 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2$	29056 := $-0^0 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2$

$$\begin{aligned}
 29057 &:= 0^7 + 1^0 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2 \\
 29058 &:= 0^0 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^3 + 9^2 \\
 29059 &:= 0^2 - 1^7 - 2^8 - 3^9 + 4^4 + 5^6 + 6^1 + 7^3 + 8^5 + 9^0 \\
 29060 &:= 0^2 - 1^7 + 2^4 + 3^9 - 4^8 + 5^6 + 6^3 + 7^1 + 8^0 + 9^5 \\
 29061 &:= 0^7 - 1^8 + 2^3 - 3^9 + 4^4 + 5^6 + 6^1 + 7^0 + 8^5 + 9^2 \\
 29062 &:= 0^6 - 1^9 - 2^1 + 3^8 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2 \\
 29063 &:= 0^7 - 1^9 + 2^5 + 3^8 + 4^1 + 5^6 + 6^3 + 7^0 + 8^2 + 9^4 \\
 29064 &:= 0^2 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3 \\
 29065 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^1 + 5^6 + 6^3 + 7^0 + 8^2 + 9^4 \\
 29066 &:= 0^2 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3 \\
 29067 &:= 0^2 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3 \\
 29068 &:= 0^6 + 1^9 + 2^1 + 3^8 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2 \\
 29069 &:= 0^1 - 1^0 + 2^8 - 3^9 - 4^7 + 5^4 + 6^6 + 7^5 + 8^2 + 9^3 \\
 29070 &:= 0^3 - 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2 \\
 29071 &:= 0^8 - 1^9 + 2^6 - 3^1 + 4^7 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3 \\
 29072 &:= 0^3 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2 \\
 29073 &:= 0^8 + 1^9 + 2^6 - 3^1 + 4^7 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3 \\
 29074 &:= 0^3 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^0 + 7^4 + 8^1 + 9^2 \\
 29075 &:= 0^4 + 1^7 + 2^8 - 3^9 + 4^3 + 5^6 + 6^2 + 7^1 + 8^5 + 9^0 \\
 29076 &:= -0^0 - 1^7 - 2^4 + 3^9 - 4^8 + 5^6 + 6^3 + 7^2 + 8^1 + 9^5 \\
 29077 &:= 0^1 - 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^0 \\
 29078 &:= -0^0 + 1^7 - 2^4 + 3^9 - 4^8 + 5^6 + 6^3 + 7^2 + 8^1 + 9^5 \\
 29079 &:= 0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^0 \\
 29080 &:= 0^7 - 1^9 - 2^5 + 3^8 + 4^2 + 5^6 + 6^1 + 7^3 + 8^0 + 9^4 \\
 29081 &:= 0^8 + 1^9 + 2^3 + 3^6 + 4^7 + 5^1 + 6^5 + 7^0 + 8^4 + 9^2 \\
 29082 &:= 0^7 + 1^9 - 2^5 + 3^8 + 4^2 + 5^6 + 6^1 + 7^3 + 8^0 + 9^4 \\
 29083 &:= 0^8 + 1^9 + 2^3 + 3^6 + 4^7 + 5^0 + 6^5 + 7^1 + 8^4 + 9^2 \\
 29084 &:= -0^0 - 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1 \\
 29085 &:= 0^1 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^0 \\
 29086 &:= -0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1 \\
 29087 &:= 0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1 \\
 29088 &:= 0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^2 + 9^1 \\
 29089 &:= 0^1 + 1^8 - 2^7 - 3^9 + 4^5 + 5^4 + 6^6 + 7^0 + 8^3 + 9^2 \\
 29090 &:= -0^0 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1 \\
 29091 &:= 0^9 - 1^0 + 2^6 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1 \\
 29092 &:= -0^0 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1 \\
 29093 &:= 0^9 + 1^0 + 2^6 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1 \\
 29094 &:= 0^0 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1 \\
 29095 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^2 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3 \\
 29096 &:= 0^1 + 1^8 + 2^9 + 3^7 + 4^0 + 5^6 + 6^5 + 7^4 + 8^3 + 9^2 \\
 29097 &:= 0^8 - 1^0 + 2^9 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^3 + 9^2 \\
 29098 &:= -0^0 + 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^3 + 9^2 \\
 29099 &:= 0^8 + 1^0 + 2^9 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^3 + 9^2 \\
 29100 &:= 0^0 + 1^8 + 2^9 + 3^7 + 4^1 + 5^6 + 6^5 + 7^4 + 8^3 + 9^2 \\
 29101 &:= 0^8 - 1^9 + 2^6 + 3^1 + 4^7 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3 \\
 29102 &:= -0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^1 + 9^2 \\
 29103 &:= 0^8 + 1^9 + 2^6 + 3^1 + 4^7 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3 \\
 29104 &:= 0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^1 + 9^2 \\
 29105 &:= 0^8 + 1^9 + 2^6 + 3^0 + 4^7 + 5^1 + 6^5 + 7^2 + 8^4 + 9^3 \\
 29106 &:= 0^1 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3 \\
 29107 &:= 0^9 + 1^0 - 2^8 + 3^6 + 4^7 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1 \\
 29108 &:= 0^1 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^0 + 9^3 \\
 29109 &:= 0^4 + 1^8 + 2^7 - 3^9 + 4^1 + 5^6 + 6^3 + 7^2 + 8^5 + 9^0 \\
 29110 &:= -0^0 - 1^8 - 2^7 - 3^9 + 4^4 + 5^6 + 6^3 + 7^2 + 8^5 + 9^1 \\
 29111 &:= 0^7 + 1^8 + 2^4 - 3^9 + 4^1 + 5^6 + 6^2 + 7^3 + 8^5 + 9^0 \\
 29112 &:= -0^0 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3 \\
 29113 &:= 0^8 - 1^0 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3 \\
 29114 &:= -0^0 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3 \\
 29115 &:= 0^8 + 1^0 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3 \\
 29116 &:= 0^0 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^2 + 8^1 + 9^3 \\
 29117 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^2 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4 \\
 29118 &:= 0^4 - 1^7 + 2^8 - 3^9 + 4^3 + 5^6 + 6^0 + 7^1 + 8^5 + 9^2 \\
 29119 &:= 0^2 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^0 \\
 29120 &:= 0^4 + 1^7 + 2^8 - 3^9 + 4^3 + 5^6 + 6^0 + 7^1 + 8^5 + 9^2 \\
 29121 &:= 0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^0 \\
 29122 &:= 0^2 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1 \\
 29123 &:= 0^1 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^0 + 8^2 + 9^3 \\
 29124 &:= 0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^3 + 9^1 \\
 29125 &:= 0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^3 + 6^5 + 7^0 + 8^4 + 9^1 \\
 29126 &:= 0^6 - 1^7 + 2^8 + 3^9 + 4^0 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3 \\
 29127 &:= 0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0 \\
 29128 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^0 + 5^4 + 6^5 + 7^2 + 8^1 + 9^3 \\
 29129 &:= 0^8 + 1^0 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3 \\
 29130 &:= 0^0 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^2 + 9^3 \\
 29131 &:= 0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1 \\
 29132 &:= -0^0 - 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2 \\
 29133 &:= 0^9 - 1^0 + 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2 \\
 29134 &:= -0^0 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2 \\
 29135 &:= 0^9 + 1^0 + 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2 \\
 29136 &:= 0^0 + 1^9 + 2^6 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2 \\
 29137 &:= 0^6 - 1^7 + 2^8 + 3^9 + 4^1 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3 \\
 29138 &:= 0^3 + 1^7 - 2^8 + 3^9 + 4^6 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2 \\
 29139 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^4 + 6^5 + 7^0 + 8^2 + 9^3 \\
 29140 &:= 0^6 - 1^7 + 2^8 + 3^9 + 4^0 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3 \\
 29141 &:= 0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^2 + 6^5 + 7^3 + 8^4 + 9^0 \\
 29142 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^0 + 5^4 + 6^5 + 7^1 + 8^2 + 9^3 \\
 29143 &:= 0^6 - 1^8 + 2^9 - 3^0 + 4^7 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1 \\
 29144 &:= 0^5 - 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^3 + 7^2 + 8^0 + 9^4 \\
 29145 &:= 0^6 - 1^8 + 2^9 + 3^0 + 4^7 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1 \\
 29146 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^3 + 7^2 + 8^0 + 9^4 \\
 29147 &:= 0^6 + 1^8 + 2^9 + 3^0 + 4^7 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1 \\
 29148 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^2 + 5^6 + 6^0 + 7^3 + 8^1 + 9^4 \\
 29149 &:= 0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0 \\
 29150 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^0 + 5^6 + 6^3 + 7^2 + 8^1 + 9^4 \\
 29151 &:= 0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^0 \\
 29152 &:= 0^3 - 1^8 + 2^7 - 3^9 + 4^4 + 5^6 + 6^0 + 7^2 + 8^5 + 9^1 \\
 29153 &:= 0^1 - 1^9 - 2^8 + 3^6 + 4^7 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2 \\
 29154 &:= 0^5 - 1^9 - 2^7 + 3^8 + 4^2 + 5^6 + 6^0 + 7^1 + 8^3 + 9^4 \\
 29155 &:= 0^1 + 1^9 - 2^8 + 3^6 + 4^7 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2 \\
 29156 &:= -0^0 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1 \\
 29157 &:= 0^7 - 1^0 + 2^9 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1 \\
 29158 &:= -0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1 \\
 29159 &:= 0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1 \\
 29160 &:= 0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^3 + 9^1 \\
 29161 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^1 + 5^6 + 6^3 + 7^0 + 8^2 + 9^4 \\
 29162 &:= 0^5 - 1^9 + 2^7 + 3^8 + 4^0 + 5^6 + 6^3 + 7^1 + 8^2 + 9^4 \\
 29163 &:= 0^8 + 1^9 + 2^1 + 3^6 + 4^7 + 5^3 + 6^5 + 7^2 + 8^4 + 9^0 \\
 29164 &:= 0^5 + 1^9 + 2^7 + 3^8 + 4^0 + 5^6 + 6^3 + 7^1 + 8^2 + 9^4 \\
 29165 &:= 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4 \\
 29166 &:= 0^7 - 1^9 + 2^5 + 3^8 + 4^0 + 5^6 + 6^2 + 7^3 + 8^1 + 9^4 \\
 29167 &:= 0^8 + 1^0 + 2^7 - 3^9 + 4^5 + 5^4 + 6^6 + 7^3 + 8^2 + 9^1 \\
 29168 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^0 + 5^6 + 6^2 + 7^3 + 8^1 + 9^4 \\
 29169 &:= 0^1 - 1^9 - 2^7 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^0 \\
 29170 &:= 0^8 + 1^9 + 2^0 + 3^6 + 4^7 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1 \\
 29171 &:= 0^1 + 1^9 - 2^7 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^0 \\
 29172 &:= 0^3 + 1^8 - 2^9 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^4 \\
 29173 &:= 0^5 + 1^9 - 2^7 + 3^8 + 4^1 + 5^6 + 6^2 + 7^0 + 8^3 + 9^4 \\
 29174 &:= 0^1 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3 \\
 29175 &:= 0^2 - 1^6 + 2^9 - 3^8 + 4^7 + 5^0 + 6^4 + 7^5 + 8^1 + 9^3 \\
 29176 &:= 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4 \\
 29177 &:= 0^9 - 1^0 - 2^7 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1 \\
 29178 &:= 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^3 + 6^0 + 7^2 + 8^1 + 9^4 \\
 29179 &:= 0^9 + 1^0 - 2^7 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1 \\
 29180 &:= 0^0 + 1^9 - 2^7 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1 \\
 29181 &:= 0^9 + 1^0 - 2^6 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3 \\
 29182 &:= 0^0 + 1^9 - 2^6 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3 \\
 29183 &:= 0^3 - 1^8 - 2^9 + 3^7 + 4^6 + 5^0 + 6^2 + 7^5 + 8^1 + 9^4 \\
 29184 &:= 0^5 - 1^9 - 2^7 + 3^8 + 4^1 + 5^6 + 6^0 + 7^2 + 8^3 + 9^4 \\
 29185 &:= 0^3 + 1^8 - 2^9 + 3^7 + 4^6 + 5^0 + 6^2 + 7^5 + 8^1 + 9^4 \\
 29186 &:= 0^5 + 1^9 - 2^7 + 3^8 + 4^1 + 5^6 + 6^0 + 7^2 + 8^3 + 9^4 \\
 29187 &:= 0^4 + 1^8 + 2^3 - 3^9 + 4^7 + 5^6 + 6^2 + 7^5 + 8^1 + 9^0 \\
 29188 &:= 0^5 + 1^9 - 2^7 + 3^8 + 4^0 + 5^6 + 6^1 + 7^2 + 8^3 + 9^4 \\
 29189 &:= 0^5 - 1^6 - 2^9 + 3^8 + 4^7 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4 \\
 29190 &:= 0^7 - 1^9 + 2^5 + 3^8 + 4^1 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4 \\
 29191 &:= 0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4 \\
 29192 &:= 0^7 + 1^9 + 2^5 + 3^8 + 4^1 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4 \\
 29193 &:= 0^2 - 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3 \\
 29194 &:= 0^2 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^1 + 8^0 + 9^3 \\
 29195 &:= 0^2 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^4 + 7^0 + 8^1 + 9^3 \\
 29196 &:= 0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^3 + 9^2 \\
 29197 &:= 0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2 \\
 29198 &:= 0^8 - 1^9 + 2^0 + 3^6 + 4^7 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2 \\
 29199 &:= 0^6 + 1^8 + 2^9 + 3^0 + 4^7 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2 \\
 29200 &:= 0^8 + 1^9 + 2^0 + 3^6 + 4^7 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2 \\
 29201 &:= 0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2 \\
 29202 &:= 0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^3 + 9^2 \\
 29203 &:= 0^4 - 1^8 + 2^7 - 3^9 + 4^2 + 5^6 + 6^1 + 7^3 + 8^5 + 9^0
 \end{aligned}$$

29204 := 0 ⁶ + 1 ⁹ - 2 ² + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ¹ + 7 ⁴ + 8 ⁰ + 9 ³	29253 := 0 ⁸ - 1 ⁰ + 2 ⁹ + 3 ⁷ + 4 ² + 5 ⁶ + 6 ⁵ + 7 ⁴ + 8 ¹ + 9 ³	29302 := 0 ¹ + 1 ⁹ + 2 ⁶ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ² + 7 ⁴ + 8 ⁰ + 9 ³
29205 := 0 ⁹ - 1 ⁰ - 2 ⁶ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ¹ + 7 ⁴ + 8 ² + 9 ³	29254 := -0 ⁰ + 1 ⁸ + 2 ⁹ + 3 ⁷ + 4 ² + 5 ⁶ + 6 ⁵ + 7 ⁴ + 8 ¹ + 9 ³	29303 := 0 ³ - 1 ⁷ - 2 ⁹ + 3 ⁸ + 4 ⁵ + 5 ⁶ + 6 ² + 7 ⁰ + 8 ¹ + 9 ⁴
29206 := 0 ⁶ + 1 ⁹ - 2 ² + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ⁰ + 7 ⁴ + 8 ¹ + 9 ³	29255 := 0 ⁸ + 1 ⁰ + 2 ⁹ + 3 ⁷ + 4 ² + 5 ⁶ + 6 ⁵ + 7 ⁴ + 8 ¹ + 9 ³	29304 := 0 ³ + 1 ⁷ - 2 ⁹ + 3 ⁸ + 4 ⁵ + 5 ⁶ + 6 ² + 7 ¹ + 8 ⁰ + 9 ⁴
29207 := 0 ² - 1 ⁶ + 2 ⁹ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ³ + 7 ⁴ + 8 ¹ + 9 ⁰	29256 := 0 ⁰ + 1 ⁸ + 2 ⁹ + 3 ⁷ + 4 ² + 5 ⁶ + 6 ⁵ + 7 ⁴ + 8 ¹ + 9 ³	29305 := 0 ³ - 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁶ + 5 ² + 6 ⁴ + 7 ⁵ + 8 ¹ + 9 ⁰
29208 := 0 ² - 1 ⁶ + 2 ⁹ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ³ + 7 ⁴ + 8 ⁰ + 9 ¹	29257 := 0 ⁶ + 1 ⁹ + 2 ⁸ + 3 ² + 4 ⁷ + 5 ¹ + 6 ⁵ + 7 ⁰ + 8 ⁴ + 9 ³	29306 := 0 ³ - 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁶ + 5 ² + 6 ⁴ + 7 ⁵ + 8 ⁰ + 9 ¹
29209 := 0 ² + 1 ⁶ + 2 ⁹ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ³ + 7 ⁴ + 8 ¹ + 9 ⁰	29258 := 0 ⁰ + 1 ⁷ + 2 ⁸ + 3 ⁹ + 4 ⁶ + 5 ⁵ + 6 ⁴ + 7 ¹ + 8 ² + 9 ³	29307 := 0 ³ + 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁶ + 5 ² + 6 ⁴ + 7 ⁵ + 8 ¹ + 9 ⁰
29210 := 0 ² + 1 ⁶ + 2 ⁹ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ³ + 7 ⁴ + 8 ⁰ + 9 ¹	29259 := 0 ⁶ + 1 ⁹ + 2 ⁸ + 3 ² + 4 ⁷ + 5 ⁰ + 6 ⁵ + 7 ¹ + 8 ⁴ + 9 ³	29308 := 0 ³ + 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁶ + 5 ² + 6 ⁴ + 7 ⁵ + 8 ⁰ + 9 ¹
29211 := 0 ² + 1 ⁸ - 2 ⁹ + 3 ⁶ + 4 ⁷ + 5 ⁰ + 6 ⁵ + 7 ¹ + 8 ⁴ + 9 ³	29260 := 0 ⁵ + 1 ⁹ + 2 ⁷ + 3 ⁸ + 4 ¹ + 5 ⁶ + 6 ² + 7 ³ + 8 ⁰ + 9 ⁴	29309 := 0 ⁹ + 1 ⁰ + 2 ⁶ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ² + 7 ⁴ + 8 ¹ + 9 ³
29212 := 0 ⁶ + 1 ⁹ + 2 ² + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ¹ + 7 ⁴ + 8 ⁰ + 9 ³	29261 := 0 ⁷ - 1 ⁸ - 2 ¹ - 3 ⁹ + 4 ⁴ + 5 ⁶ + 6 ³ + 7 ⁰ + 8 ⁵ + 9 ²	29310 := 0 ⁰ + 1 ⁹ + 2 ⁶ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ² + 7 ⁴ + 8 ¹ + 9 ³
29213 := 0 ⁴ + 1 ⁸ + 2 ³ - 3 ⁹ + 4 ⁷ + 5 ⁶ + 6 ¹ + 7 ⁵ + 8 ² + 9 ⁰	29262 := 0 ⁵ - 1 ⁹ + 2 ⁷ + 3 ⁸ + 4 ⁰ + 5 ⁶ + 6 ² + 7 ³ + 8 ¹ + 9 ⁴	29311 := 0 ³ + 1 ⁷ + 2 ⁸ - 3 ⁹ + 4 ⁴ + 5 ⁶ + 6 ¹ + 7 ⁰ + 8 ⁵ + 9 ²
29214 := 0 ⁶ + 1 ⁹ + 2 ² + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ⁰ + 7 ⁴ + 8 ¹ + 9 ³	29263 := 0 ¹ - 1 ⁶ + 2 ⁹ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ³ + 7 ⁴ + 8 ² + 9 ⁰	29312 := 0 ⁰ + 1 ⁷ + 2 ⁸ - 3 ⁹ + 4 ⁵ + 5 ⁴ + 6 ⁶ + 7 ³ + 8 ¹ + 9 ²
29215 := 0 ⁶ - 1 ⁷ + 2 ⁹ - 3 ⁸ + 4 ³ + 5 ² + 6 ¹ + 7 ⁴ + 8 ⁵ + 9 ⁰	29264 := 0 ⁵ + 1 ⁹ + 2 ⁷ + 3 ⁸ + 4 ⁰ + 5 ⁶ + 6 ² + 7 ³ + 8 ¹ + 9 ⁴	29313 := 0 ⁷ - 1 ⁹ + 2 ⁵ + 3 ⁸ + 4 ² + 5 ⁶ + 6 ¹ + 7 ⁰ + 8 ³ + 9 ⁴
29216 := 0 ⁴ + 1 ⁸ + 2 ³ - 3 ⁹ + 4 ⁷ + 5 ⁶ + 6 ⁰ + 7 ⁵ + 8 ² + 9 ¹	29265 := 0 ¹ + 1 ⁶ + 2 ⁹ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ³ + 7 ⁴ + 8 ² + 9 ⁰	29314 := 0 ⁷ - 1 ⁹ + 2 ⁵ + 3 ⁸ + 4 ² + 5 ⁶ + 6 ⁰ + 7 ¹ + 8 ³ + 9 ⁴
29217 := 0 ⁶ + 1 ⁷ + 2 ⁹ - 3 ⁸ + 4 ³ + 5 ² + 6 ¹ + 7 ⁴ + 8 ⁵ + 9 ⁰	29266 := 0 ⁶ - 1 ⁹ + 2 ¹ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ⁰ + 7 ⁴ + 8 ² + 9 ³	29315 := 0 ⁷ + 1 ⁹ + 2 ⁵ + 3 ⁸ + 4 ² + 5 ⁶ + 6 ¹ + 7 ⁰ + 8 ³ + 9 ⁴
29218 := 0 ⁶ - 1 ⁷ + 2 ⁹ - 3 ⁸ + 4 ³ + 5 ² + 6 ⁰ + 7 ⁴ + 8 ⁵ + 9 ¹	29267 := 0 ⁵ - 1 ⁶ - 2 ⁹ + 3 ⁸ + 4 ⁷ + 5 ⁰ + 6 ³ + 7 ² + 8 ¹ + 9 ⁴	29316 := 0 ⁷ + 1 ⁹ + 2 ⁵ + 3 ⁸ + 4 ² + 5 ⁶ + 6 ⁰ + 7 ¹ + 8 ³ + 9 ⁴
29219 := 0 ⁷ + 1 ⁸ + 2 ¹ - 3 ⁹ + 4 ⁵ + 5 ⁴ + 6 ⁶ + 7 ⁰ + 8 ³ + 9 ²	29268 := 0 ⁶ + 1 ⁹ + 2 ¹ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ⁰ + 7 ⁴ + 8 ² + 9 ³	29317 := 0 ¹ - 1 ⁸ - 2 ⁹ + 3 ⁷ + 4 ³ + 5 ⁶ + 6 ⁵ + 7 ⁰ + 8 ⁴ + 9 ²
29220 := 0 ⁶ - 1 ⁷ - 2 ⁸ + 3 ⁹ + 4 ³ + 5 ⁵ + 6 ² + 7 ¹ + 8 ⁰ + 9 ⁴	29269 := 0 ⁶ - 1 ⁹ + 2 ⁸ + 3 ¹ + 4 ⁷ + 5 ² + 6 ⁵ + 7 ⁰ + 8 ⁴ + 9 ³	29318 := 0 ³ + 1 ⁷ - 2 ⁹ + 3 ⁸ + 4 ⁵ + 5 ⁶ + 6 ⁰ + 7 ² + 8 ¹ + 9 ⁴
29221 := 0 ³ - 1 ⁸ - 2 ⁷ + 3 ⁹ + 4 ⁶ + 5 ⁵ + 6 ² + 7 ⁴ + 8 ¹ + 9 ⁰	29270 := 0 ² - 1 ⁹ + 2 ⁶ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ¹ + 7 ⁴ + 8 ⁰ + 9 ³	29319 := 0 ¹ + 1 ⁸ - 2 ⁹ + 3 ⁷ + 4 ³ + 5 ⁶ + 6 ⁵ + 7 ⁰ + 8 ⁴ + 9 ²
29222 := 0 ⁶ + 1 ⁷ - 2 ⁸ + 3 ⁹ + 4 ³ + 5 ⁵ + 6 ² + 7 ¹ + 8 ⁰ + 9 ⁴	29271 := 0 ⁶ + 1 ⁹ + 2 ⁸ + 3 ¹ + 4 ⁷ + 5 ² + 6 ⁵ + 7 ⁰ + 8 ⁴ + 9 ³	29320 := -0 ⁰ + 1 ⁸ + 2 ⁷ - 3 ⁹ + 4 ⁵ + 5 ⁴ + 6 ⁶ + 7 ² + 8 ³ + 9 ¹
29223 := 0 ³ + 1 ⁸ - 2 ⁷ + 3 ⁹ + 4 ⁶ + 5 ⁵ + 6 ² + 7 ⁴ + 8 ¹ + 9 ⁰	29272 := 0 ² + 1 ⁹ + 2 ⁶ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ¹ + 7 ⁴ + 8 ⁰ + 9 ³	29321 := 0 ² + 1 ⁸ + 2 ⁷ - 3 ⁹ + 4 ⁴ + 5 ⁶ + 6 ³ + 7 ⁰ + 8 ⁵ + 9 ¹
29224 := 0 ³ + 1 ⁸ - 2 ⁷ + 3 ⁹ + 4 ⁶ + 5 ⁵ + 6 ² + 7 ⁴ + 8 ⁰ + 9 ¹	29273 := 0 ⁶ + 1 ⁰ + 2 ⁹ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ³ + 7 ⁴ + 8 ² + 9 ¹	29322 := -0 ⁰ - 1 ⁸ - 2 ⁹ + 3 ⁷ + 4 ³ + 5 ⁶ + 6 ⁵ + 7 ¹ + 8 ⁴ + 9 ²
29225 := 0 ¹ - 1 ⁹ - 2 ⁷ + 3 ⁸ + 4 ⁶ + 5 ⁰ + 6 ⁴ + 7 ⁵ + 8 ³ + 9 ²	29274 := 0 ⁰ + 1 ⁶ + 2 ⁹ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ³ + 7 ⁴ + 8 ² + 9 ¹	29323 := 0 ⁸ - 1 ⁰ - 2 ⁹ + 3 ⁷ + 4 ³ + 5 ⁶ + 6 ⁵ + 7 ¹ + 8 ⁴ + 9 ²
29226 := 0 ⁴ - 1 ⁸ + 2 ⁷ - 3 ⁹ + 4 ⁰ + 5 ⁶ + 6 ² + 7 ³ + 8 ⁵ + 9 ¹	29275 := 0 ³ + 1 ⁹ + 2 ⁸ + 3 ⁶ + 4 ⁷ + 5 ² + 6 ⁵ + 7 ¹ + 8 ⁴ + 9 ⁰	29324 := -0 ⁰ + 1 ⁸ - 2 ⁹ + 3 ⁷ + 4 ³ + 5 ⁶ + 6 ⁵ + 7 ¹ + 8 ⁴ + 9 ²
29227 := 0 ¹ + 1 ⁹ - 2 ⁷ + 3 ⁸ + 4 ⁶ + 5 ⁰ + 6 ⁴ + 7 ⁵ + 8 ³ + 9 ²	29276 := 0 ² + 1 ⁷ - 2 ⁸ + 3 ⁹ + 4 ⁶ + 5 ⁵ + 6 ³ + 7 ⁴ + 8 ⁰ + 9 ¹	29325 := 0 ⁸ + 1 ⁰ - 2 ⁹ + 3 ⁷ + 4 ³ + 5 ⁶ + 6 ⁵ + 7 ¹ + 8 ⁴ + 9 ²
29228 := -0 ⁰ - 1 ⁹ - 2 ⁷ + 3 ⁸ + 4 ⁶ + 5 ¹ + 6 ⁴ + 7 ⁵ + 8 ³ + 9 ²	29277 := 0 ³ + 1 ⁹ + 2 ⁸ + 3 ⁶ + 4 ⁷ + 5 ² + 6 ⁵ + 7 ⁰ + 8 ⁴ + 9 ¹	29326 := 0 ⁰ + 1 ⁸ - 2 ⁹ + 3 ⁷ + 4 ³ + 5 ⁶ + 6 ⁵ + 7 ¹ + 8 ⁴ + 9 ²
29229 := 0 ¹ + 1 ⁸ - 2 ⁹ + 3 ⁶ + 4 ⁷ + 5 ² + 6 ⁵ + 7 ⁰ + 8 ⁴ + 9 ³	29278 := -0 ⁰ - 1 ⁸ - 2 ⁷ - 3 ⁹ + 4 ⁵ + 5 ⁴ + 6 ⁶ + 7 ² + 8 ¹ + 9 ³	29327 := 0 ³ - 1 ⁹ + 2 ⁸ + 3 ⁶ + 4 ⁷ + 5 ¹ + 6 ⁵ + 7 ⁰ + 8 ⁴ + 9 ²
29230 := -0 ⁰ + 1 ⁹ - 2 ⁷ + 3 ⁸ + 4 ⁶ + 5 ¹ + 6 ⁴ + 7 ⁵ + 8 ³ + 9 ²	29279 := 0 ⁷ + 1 ⁹ - 2 ² + 3 ⁸ + 4 ⁶ + 5 ⁰ + 6 ⁴ + 7 ⁵ + 8 ³ + 9 ¹	29328 := 0 ¹ - 1 ⁹ + 2 ⁶ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ⁰ + 7 ⁴ + 8 ² + 9 ³
29231 := 0 ⁹ + 1 ⁰ - 2 ⁷ + 3 ⁸ + 4 ⁶ + 5 ¹ + 6 ⁴ + 7 ⁵ + 8 ³ + 9 ²	29280 := 0 ¹ - 1 ⁶ + 2 ⁹ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ³ + 7 ⁴ + 8 ⁰ + 9 ²	29329 := 0 ³ + 1 ⁹ + 2 ⁸ + 3 ⁶ + 4 ⁷ + 5 ¹ + 6 ⁵ + 7 ⁰ + 8 ⁴ + 9 ²
29232 := 0 ⁰ + 1 ⁹ - 2 ⁷ + 3 ⁸ + 4 ⁶ + 5 ¹ + 6 ⁴ + 7 ⁵ + 8 ³ + 9 ²	29281 := 0 ⁷ - 1 ⁹ + 2 ² + 3 ⁸ + 4 ⁶ + 5 ¹ + 6 ⁴ + 7 ⁵ + 8 ³ + 9 ⁰	29330 := 0 ¹ + 1 ⁹ + 2 ⁶ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ⁰ + 7 ⁴ + 8 ² + 9 ³
29233 := 0 ⁸ - 1 ⁰ - 2 ⁹ + 3 ⁶ + 4 ⁷ + 5 ² + 6 ⁵ + 7 ¹ + 8 ⁴ + 9 ³	29282 := 0 ¹ + 1 ⁶ + 2 ⁹ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ³ + 7 ⁴ + 8 ⁰ + 9 ²	29331 := 0 ³ + 1 ⁹ + 2 ⁸ + 3 ⁶ + 4 ⁷ + 5 ⁰ + 6 ⁵ + 7 ¹ + 8 ⁴ + 9 ²
29234 := 0 ¹ - 1 ⁷ + 2 ⁸ + 3 ⁹ + 4 ⁶ + 5 ⁵ + 6 ⁴ + 7 ² + 8 ⁰ + 9 ³	29283 := 0 ⁷ + 1 ⁹ + 2 ² + 3 ⁸ + 4 ⁶ + 5 ¹ + 6 ⁴ + 7 ⁵ + 8 ³ + 9 ⁰	29332 := -0 ⁰ - 1 ⁹ + 2 ⁶ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ¹ + 7 ⁴ + 8 ² + 9 ³
29235 := 0 ⁸ + 1 ⁰ - 2 ⁹ + 3 ⁶ + 4 ⁷ + 5 ² + 6 ⁵ + 7 ¹ + 8 ⁴ + 9 ³	29284 := 0 ⁷ + 1 ⁹ - 2 ⁵ + 3 ⁸ + 4 ⁰ + 5 ⁶ + 6 ¹ + 7 ² + 8 ³ + 9 ⁴	29333 := 0 ⁷ + 1 ⁹ + 2 ⁵ + 3 ⁸ + 4 ¹ + 5 ⁶ + 6 ² + 7 ⁰ + 8 ³ + 9 ⁴
29236 := 0 ¹ + 1 ⁷ + 2 ⁸ + 3 ⁹ + 4 ⁶ + 5 ⁵ + 6 ⁴ + 7 ² + 8 ⁰ + 9 ³	29285 := 0 ⁷ - 1 ⁹ + 2 ² + 3 ⁸ + 4 ⁶ + 5 ⁰ + 6 ⁴ + 7 ⁵ + 8 ³ + 9 ¹	29334 := -0 ⁰ + 1 ⁹ + 2 ⁶ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ¹ + 7 ⁴ + 8 ² + 9 ³
29237 := 0 ⁴ + 1 ⁷ + 2 ⁸ - 3 ⁹ + 4 ¹ + 5 ⁶ + 6 ³ + 7 ² + 8 ⁵ + 9 ⁰	29286 := 0 ⁵ - 1 ⁹ + 2 ⁷ + 3 ⁸ + 4 ¹ + 5 ⁶ + 6 ⁰ + 7 ³ + 8 ² + 9 ⁴	29335 := 0 ⁹ + 1 ⁰ + 2 ⁶ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ¹ + 7 ⁴ + 8 ² + 9 ³
29238 := 0 ² - 1 ⁸ + 2 ⁹ + 3 ⁷ + 4 ⁰ + 5 ⁶ + 6 ⁵ + 7 ⁴ + 8 ¹ + 9 ³	29287 := 0 ⁷ + 1 ⁹ + 2 ² + 3 ⁸ + 4 ⁶ + 5 ⁰ + 6 ⁴ + 7 ⁵ + 8 ³ + 9 ¹	29336 := 0 ⁰ + 1 ⁹ + 2 ⁶ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ¹ + 7 ⁴ + 8 ² + 9 ³
29239 := 0 ⁶ + 1 ⁹ + 2 ⁸ - 3 ² + 4 ⁷ + 5 ¹ + 6 ⁵ + 7 ⁰ + 8 ⁴ + 9 ³	29288 := 0 ⁵ + 1 ⁹ + 2 ⁷ + 3 ⁸ + 4 ¹ + 5 ⁶ + 6 ⁰ + 7 ³ + 8 ² + 9 ⁴	29337 := 0 ⁸ - 1 ⁹ + 2 ² + 3 ⁶ + 4 ⁷ + 5 ¹ + 6 ⁵ + 7 ³ + 8 ⁴ + 9 ⁰
29240 := 0 ² + 1 ⁸ + 2 ⁹ + 3 ⁷ + 4 ⁰ + 5 ⁶ + 6 ⁵ + 7 ⁴ + 8 ¹ + 9 ³	29289 := 0 ⁶ + 1 ⁰ + 2 ⁹ + 3 ⁸ + 4 ⁷ + 5 ⁵ + 6 ³ + 7 ⁴ + 8 ¹ + 9 ²	29338 := 0 ² + 1 ⁷ + 2 ⁹ + 3 ⁸ + 4 ⁶ + 5 ⁴ + 6 ¹ + 7 ⁵ + 8 ⁰

29351 := $0^6 + 1^8 - 2^7 + 3^9 + 4^3 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$
29352 := $0^6 - 1^7 - 2^8 + 3^9 + 4^2 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
29353 := $0^7 + 1^9 - 2^1 + 3^8 + 4^6 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2$
29354 := $0^6 + 1^7 - 2^8 + 3^9 + 4^2 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
29355 := $0^7 - 1^9 + 2^1 + 3^8 + 4^6 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2$
29356 := $0^0 + 1^7 - 2^8 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$
29357 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2$
29358 := $0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^0 + 9^2$
29359 := $0^7 + 1^8 + 2^3 + 3^9 + 4^6 + 5^5 + 6^2 + 7^4 + 8^1 + 9^0$
29360 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^0 + 9^2$
29361 := $0^3 - 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^4 + 7^5 + 8^1 + 9^2$
29362 := $0^8 - 1^9 + 2^0 + 3^6 + 4^7 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$
29363 := $0^3 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^4 + 7^5 + 8^1 + 9^2$
29364 := $0^8 + 1^9 + 2^0 + 3^6 + 4^7 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1$
29365 := $0^2 + 1^8 - 2^9 + 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^1 + 9^4$
29366 := $0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$
29367 := $0^5 - 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^2 + 7^0 + 8^1 + 9^4$
29368 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^0 + 9^3$
29369 := $0^5 + 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^2 + 7^0 + 8^1 + 9^4$
29370 := $0^5 + 1^6 - 2^9 + 3^8 + 4^7 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4$
29371 := $0^2 + 1^9 - 2^7 + 3^8 + 4^6 + 5^0 + 6^4 + 7^5 + 8^1 + 9^3$
29372 := $-0^0 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3$
29373 := $0^2 - 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$
29374 := $-0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3$
29375 := $0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^1 + 8^4 + 9^0$
29376 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^2 + 7^5 + 8^1 + 9^3$
29377 := $0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^3 + 6^5 + 7^0 + 8^4 + 9^1$
29378 := $0^5 - 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^1 + 7^2 + 8^0 + 9^4$
29379 := $0^5 - 1^8 - 2^7 - 3^9 + 4^3 + 5^1 + 6^6 + 7^4 + 8^2 + 9^0$
29380 := $0^5 + 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^1 + 7^2 + 8^0 + 9^4$
29381 := $0^5 - 1^6 - 2^9 + 3^8 + 4^7 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4$
29382 := $0^5 + 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^0 + 7^2 + 8^1 + 9^4$
29383 := $0^7 - 1^8 + 2^3 + 3^9 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$
29384 := $0^6 + 1^7 - 2^8 + 3^9 + 4^1 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
29385 := $0^7 + 1^8 + 2^3 + 3^9 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$
29386 := $0^7 - 1^8 + 2^3 + 3^9 + 4^6 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$
29387 := $0^8 - 1^0 - 2^9 + 3^7 + 4^6 + 5^2 + 6^3 + 7^5 + 8^1 + 9^4$
29388 := $0^7 + 1^8 + 2^3 + 3^9 + 4^6 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$
29389 := $0^8 + 1^0 - 2^9 + 3^7 + 4^6 + 5^2 + 6^3 + 7^5 + 8^1 + 9^4$
29390 := $0^0 + 1^8 - 2^9 + 3^7 + 4^6 + 5^2 + 6^3 + 7^5 + 8^1 + 9^4$
29391 := $0^1 - 1^8 + 2^7 - 3^9 + 4^4 + 5^6 + 6^3 + 7^0 + 8^5 + 9^2$
29392 := $-0^0 - 1^9 - 2^7 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3$
29393 := $0^5 - 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^1 + 7^0 + 8^2 + 9^4$
29394 := $0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$
29395 := $0^5 + 1^7 + 2^9 + 3^8 + 4^3 + 5^6 + 6^1 + 7^0 + 8^2 + 9^4$
29396 := $0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^0 + 7^5 + 8^2 + 9^3$
29397 := $0^6 - 1^7 - 2^8 + 3^9 + 4^1 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$
29398 := $-0^0 - 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^2 + 9^3$
29399 := $0^7 - 1^0 + 2^9 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^2 + 9^3$
29400 := $-0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^2 + 9^3$
29401 := $0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^2 + 9^3$
29402 := $0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^4 + 6^1 + 7^5 + 8^2 + 9^3$
29403 := $0^2 + 1^8 - 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$
29404 := $0^7 + 1^8 + 2^3 + 3^9 + 4^6 + 5^5 + 6^0 + 7^4 + 8^1 + 9^2$
29405 := $0^2 - 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^1 + 9^0$
29406 := $0^2 - 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$
29407 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^1 + 9^0$
29408 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^3 + 6^4 + 7^5 + 8^0 + 9^1$
29409 := $0^2 - 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1$
29410 := $0^5 - 1^9 + 2^7 + 3^8 + 4^2 + 5^6 + 6^0 + 7^1 +$

29498 := $0^5 - 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^3 + 7^4 + 8^0 + 9^4$
29499 := $0^5 - 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4$
29500 := $0^5 + 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^3 + 7^1 + 8^0 + 9^4$
29501 := $0^5 + 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4$
29502 := $0^6 + 1^7 - 2^8 + 3^9 + 4^0 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4$
29503 := $0^2 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$
29504 := $0^2 - 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1$
29505 := $0^3 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^0$
29506 := $0^2 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1$
29507 := $0^1 - 1^9 - 2^8 + 3^6 + 4^7 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$
29508 := $0^3 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^0 + 7^4 + 8^2 + 9^1$
29509 := $0^1 + 1^9 - 2^8 + 3^6 + 4^7 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$
29510 := $0^6 - 1^8 - 2^7 + 3^9 + 4^1 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
29511 := $0^6 - 1^8 + 2^9 + 3^2 + 4^7 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3$
29512 := $0^6 + 1^8 - 2^7 + 3^9 + 4^1 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$
29513 := $0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3$
29514 := $0^0 + 1^9 - 2^8 + 3^6 + 4^7 + 5^1 + 6^5 + 7^2 + 8^4 + 9^3$
29515 := $0^6 + 1^8 + 2^9 + 3^2 + 4^7 + 5^0 + 6^5 + 7^1 + 8^4 + 9^3$
29516 := $0^7 - 1^9 + 2^1 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$
29517 := $0^4 + 1^6 - 2^8 - 3^9 + 4^7 + 5^1 + 6^3 + 7^0 + 8^5 + 9^2$
29518 := $0^7 + 1^9 + 2^1 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^0 + 9^3$
29519 := $0^2 - 1^8 - 2^9 + 3^7 + 4^1 + 5^6 + 6^5 + 7^3 + 8^4 + 9^0$
29520 := $0^3 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2$
29521 := $0^2 + 1^8 - 2^9 + 3^7 + 4^1 + 5^6 + 6^5 + 7^3 + 8^4 + 9^0$
29522 := $0^3 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2$
29523 := $0^8 - 1^0 + 2^7 - 3^9 + 4^4 + 5^6 + 6^1 + 7^3 + 8^5 + 9^2$
29524 := $0^3 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^0 + 7^4 + 8^1 + 9^2$
29525 := $0^6 - 1^8 + 2^9 + 3^1 + 4^7 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3$
29526 := $0^1 + 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^2 + 8^0 + 9^4$
29527 := $0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3$
29528 := $0^5 - 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^3 + 7^2 + 8^0 + 9^4$
29529 := $0^3 - 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$
29530 := $0^5 + 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^3 + 7^2 + 8^0 + 9^4$
29531 := $0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^1 + 8^4 + 9^0$
29532 := $0^5 - 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^3 + 7^2 + 8^1 + 9^4$
29533 := $0^1 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^0$
29534 := $0^5 + 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^3 + 7^2 + 8^1 + 9^4$
29535 := $0^7 + 1^8 + 2^2 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$
29536 := $0^7 + 1^8 + 2^2 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$
29537 := $0^5 - 1^6 - 2^9 + 3^8 + 4^7 + 5^2 + 6^1 + 7^0 + 8^3 + 9^4$
29538 := $-0^0 - 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$
29539 := $0^6 - 1^0 + 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$
29540 := $-0^0 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$
29541 := $0^6 + 1^0 + 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$
29542 := $0^0 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1$
29543 := $0^7 + 1^8 + 2^6 + 3^9 + 4^3 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$
29544 := $0^7 - 1^8 - 2^6 + 3^9 + 4^2 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$
29545 := $0^5 + 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^3 + 7^0 + 8^2 + 9^4$
29546 := $0^5 - 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^3 + 7^1 + 8^2 + 9^4$
29547 := $0^7 + 1^0 - 2^9 + 3^8 + 4^5 + 5^6 + 6^3 + 7^1 + 8^2 + 9^4$
29548 := $0^5 + 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^3 + 7^1 + 8^2 + 9^4$
29549 := $0^6 - 1^8 + 2^9 + 3^1 + 4^7 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$
29550 := $0^7 + 1^8 - 2^9 + 3^3 + 4^0 + 5^6 + 6^5 + 7^1 + 8^2 + 9^4$
29551 := $0^6 + 1^8 + 2^9 + 3^1 + 4^7 + 5^0 + 6^5 + 7^2 + 8^4 + 9^3$
29552 := $0^7 - 1^8 + 2^6 + 3^9 + 4^3 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$
29553 := $0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^2 + 8^4 + 9^0$
29554 := $0^7 + 1^8 + 2^6 + 3^9 + 4^3 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$
29555 := $0^3 - 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^5 + 7^2 + 8^4 + 9^1$
29556 := $0^7 + 1^8 + 2^6 + 3^9 + 4^3 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4$
29557 := $0^3 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^5 + 7^2 +$

29645 := $0^6 + 1^9 - 2^5 + 3^8 + 4^7 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$	29694 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^1 + 9^4$	29743 := $0^8 + 1^9 + 2^1 + 3^6 + 4^7 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3$
29646 := $0^5 - 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^2 + 7^3 + 8^1 + 9^4$	29695 := $0^2 - 1^8 - 2^7 + 3^9 + 4^6 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$	29744 := $0^6 - 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$
29647 := $0^7 + 1^0 - 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^3 + 8^1 + 9^4$	29696 := $0^0 + 1^4 + 2^8 - 3^9 + 4^7 + 5^6 + 6^3 + 7^5 + 8^1 + 9^2$	29745 := $0^8 - 1^9 + 2^3 + 3^7 + 4^1 + 5^6 + 6^5 + 7^2 + 8^4 + 9^0$
29648 := $0^5 + 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^2 + 7^3 + 8^1 + 9^4$	29697 := $0^2 + 1^8 - 2^7 + 3^9 + 4^6 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0$	29746 := $0^6 + 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^1 + 7^2 + 8^0 + 9^4$
29649 := $0^9 - 1^0 + 2^7 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3$	29698 := $0^2 - 1^8 - 2^7 + 3^9 + 4^6 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1$	29747 := $0^8 + 1^9 + 2^3 + 3^7 + 4^1 + 5^6 + 6^5 + 7^2 + 8^4 + 9^0$
29650 := $0^3 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^1 + 7^4 + 8^0 + 9^2$	29699 := $0^3 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^1 + 8^4 + 9^0$	29748 := $0^6 + 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^0 + 7^2 + 8^1 + 9^4$
29651 := $0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3$	29700 := $0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^0 + 9^4$	29749 := $0^6 + 1^9 - 2^5 + 3^8 + 4^7 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4$
29652 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^1 + 9^3$	29701 := $0^3 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^0 + 8^4 + 9^1$	29750 := $0^1 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^0 + 9^3$
29653 := $0^5 + 1^8 + 2^7 - 3^9 + 4^2 + 5^3 + 6^6 + 7^4 + 8^1 + 9^0$	29702 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^0 + 9^4$	29751 := $0^8 - 1^9 - 2^2 + 3^7 + 4^3 + 5^6 + 6^5 + 7^1 + 8^4 + 9^0$
29654 := $0^6 + 1^8 - 2^7 + 3^9 + 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$	29703 := $0^1 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^0 + 8^4 + 9^2$	29752 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^1 + 7^2 + 8^0 + 9^4$
29655 := $0^6 + 1^8 + 2^4 - 3^9 + 4^7 + 5^3 + 6^2 + 7^1 + 8^5 + 9^0$	29704 := $0^7 + 1^8 + 2^6 + 3^9 + 4^1 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4$	29753 := $0^8 + 1^9 - 2^2 + 3^7 + 4^3 + 5^6 + 6^5 + 7^1 + 8^4 + 9^0$
29656 := $0^6 + 1^7 - 2^9 + 3^8 + 4^2 + 5^1 + 6^3 + 7^5 + 8^0 + 9^4$	29705 := $0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^0 + 8^4 + 9^2$	29754 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^0 + 7^2 + 8^1 + 9^4$
29657 := $0^2 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$	29706 := $0^6 - 1^9 + 2^5 + 3^8 + 4^7 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4$	29755 := $0^6 - 1^0 + 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$
29658 := $0^2 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$	29707 := $0^6 - 1^9 + 2^5 + 3^8 + 4^7 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$	29756 := $-0^0 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$
29659 := $0^2 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$	29708 := $0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^3 + 6^2 + 7^1 + 8^0 + 9^4$	29757 := $0^6 + 1^0 + 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$
29660 := $0^2 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$	29709 := $0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$	29758 := $0^0 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^2 + 7^4 + 8^1 + 9^3$
29661 := $0^5 + 1^7 - 2^8 - 3^9 + 4^1 + 5^2 + 6^6 + 7^4 + 8^3 + 9^0$	29710 := $-0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$	29759 := $0^6 - 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$
29662 := $0^6 - 1^7 - 2^9 + 3^8 + 4^1 + 5^2 + 6^3 + 7^5 + 8^0 + 9^4$	29711 := $0^8 + 1^0 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$	29760 := $0^6 - 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$
29663 := $0^3 - 1^9 + 2^5 - 3^8 + 4^7 + 5^6 + 6^1 + 7^0 + 8^4 + 9^2$	29712 := $0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^1 + 8^4 + 9^2$	29761 := $0^6 + 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^1 + 7^0 + 8^2 + 9^4$
29664 := $0^6 + 1^7 - 2^9 + 3^8 + 4^1 + 5^2 + 6^3 + 7^5 + 8^0 + 9^4$	29713 := $0^1 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$	29762 := $0^6 + 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^0 + 7^1 + 8^2 + 9^4$
29665 := $0^1 - 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$	29714 := $0^3 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^0 + 7^2 + 8^4 + 9^1$	29763 := $0^8 + 1^9 + 2^2 + 3^7 + 4^3 + 5^6 + 6^5 + 7^0 + 8^4 + 9^1$
29666 := $0^1 - 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^0 + 7^3 + 8^2 + 9^4$	29715 := $0^1 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0$	29764 := $0^3 - 1^7 - 2^9 + 3^8 + 4^4 + 5^6 + 6^5 + 7^2 + 8^0 + 9^1$
29667 := $0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2$	29716 := $0^3 + 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^1 + 8^2 + 9^4$	29765 := $0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$
29668 := $-0^0 - 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$	29717 := $0^8 + 1^9 + 2^3 + 3^7 + 4^2 + 5^6 + 6^5 + 7^1 + 8^4 + 9^0$	29766 := $0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$
29669 := $0^9 - 1^0 + 2^8 + 3^6 + 4^7 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$	29718 := $0^2 - 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3$	29767 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^1 + 7^0 + 8^2 + 9^4$
29670 := $-0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$	29719 := $0^7 + 1^8 + 2^6 + 3^9 + 4^1 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4$	29768 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$
29671 := $0^9 + 1^0 + 2^8 + 3^6 + 4^7 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$	29720 := $0^2 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^0 + 9^3$	29769 := $0^5 + 1^7 + 2^8 - 3^9 + 4^3 + 5^0 + 6^6 + 7^4 + 8^2 + 9^1$
29672 := $0^0 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2$	29721 := $0^8 - 1^0 + 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$	29770 := $0^8 + 1^9 + 2^0 + 3^6 + 4^7 + 5^1 + 6^5 + 7^2 + 8^4 + 9^3$
29673 := $0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^2 + 8^4 + 9^0$	29722 := $0^2 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^0 + 7^4 + 8^1 + 9^3$	29771 := $0^5 - 1^9 + 2^2 - 3^8 + 4^7 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$
29674 := $0^5 + 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^1 + 7^3 + 8^2 + 9^4$	29723 := $0^8 + 1^0 + 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$	29772 := $0^6 + 1^8 + 2^7 + 3^9 + 4^0 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$
29675 := $0^7 + 1^8 + 2^6 + 3^9 + 4^2 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$	29724 := $0^0 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1$	29773 := $0^5 + 1^9 + 2^2 - 3^8 + 4^7 + 5^6 + 6^3 + 7^1 + 8^4 + 9^0$
29676 := $0^8 + 1^9 - 2^3 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^4$	29725 := $0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3$	29774 := $-0^0 - 1^8 - 2^7 + 3^9 + 4^6 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2$
29677 := $0^1 + 1^9 - 2^8 + 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^2 + 9^4$	29726 := $0^4 + 1^8 - 2^1 - 3^9 + 4^7 + 5^6 + 6^0 + 7^5 + 8^3 + 9^2$	29775 := $0^2 - 1^9 - 2^8 + 3^7 + 4^1 + 5^6 + 6^5 + 7^3 + 8^4 + 9^0$
29678 := $-0^0 - 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1$	29727 := $0^8 + 1^9 + 2^2 + 3^6 + 4^7 + 5^0 + 6^5 + 7^1 + 8^4 + 9^3$	29776 := $0^1 - 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$
29679 := $0^8 - 1^0 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1$	29728 := $0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^1 + 6^0 + 7^5 + 8^2 + 9^4$	29777 := $0^8 - 1^9 + 2^3 + 3^7 + 4^1 + 5^6 + 6^5 + 7^0 + 8^4 + 9^2$
29680 := $-0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1$	29729 := $0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^0 + 6^1 + 7^5 + 8^2 + 9^4$	29778 := $0^1 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^0 + 7^4 + 8^2 + 9^3$
29681 := $0^8 + 1^0 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1$	29730 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^1 + 6^0 + 7^5 + 8^2 + 9^4$	29779 := $0^8 + 1^9 + 2^3 + 3^7 + 4^1 + 5^6 + 6^5 + 7^0 + 8^4 + 9^2$
29682 := $0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^3 + 6^5 + 7^2 + 8^4 + 9^1$	29731 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^0 + 6^1 + 7^5 + 8^2 + 9^4$	29780 := $0^8 - 1^9 + 2^3 + 3^7 + 4^0 + 5^6 + 6^5 + 7^1 + 8^4 + 9^2$
29683 := $0^1 + 1^9 + 2^7 + 3^8 + 4^6 + 5^0 + 6^4 + 7^5 + 8^2 + 9^3$	29732 := $0^1 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2$	29781 := $0^6 - 1^0 + 2^9 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3$
29684 := $-0^0 - 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$	29733 := $0^6 - 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$	29782 := $0^8 + 1^9 + 2^3 + 3^7 + 4^0 + 5^6 + 6^5 + 7^1 + 8^4 + 9^2$
29685 := $0^9 - 1^0 + 2^7 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$	29734 := $0^6 + 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^2 + 7^1 + 8^0 + 9^4$	29783 := $0^6 + 1^0 + 2^9 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3$
29686 := $-0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$	29735 := $0^6 + 1^7 + 2^8 + 3^9 + 4^3 + 5^5 + 6^2 + 7^0 + 8^1 + 9^4$	29784 := $0^0 + 1^6 + 2^9 + 3^8 + 4^7 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3$
29687 := $0^9 + 1^0 + 2^7 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$	29736 := $0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^3 + 6^0 + 7^1 + 8^2 + 9^4$	29785 := $0^2 - 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$
29688 := $0^0 + 1^9 + 2^7 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^2 + 9^3$	29737 := $0^6 - 1^8 + 2^7 + 3^9 + 4^2 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$	29786 := $0^6 + 1^8 + 2^7 + 3^9 + 4^0 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4$
29689 := $0^1 + 1^8 - 2^9 + 3^7 + 4^6 + 5^0 + 6^2 + 7^5 + 8^3 + 9^4$	29738 := $0^6 + 1^8 + 2^7 + 3^9 + 4^2 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4$	29787 := $0^2 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^0$
29690 := $0^8 - 1^9 + 2^3 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^4$	29739 := $0^6 + 1^8 + 2^7 + 3^9 + 4^2 + 5^5 + 6^3 + 7^0 + 8^1 + 9^4$	29788 := $0^2 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^1$
29691 := $0^5 - 1^9 - 2^6 + 3^8 + 4^7 + 5^2 + 6^3 + 7^0 + 8^1 + 9^4$	29740 := $0^0 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2$	29789 := $0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^2 + 6^3 + 7^0 + 8^1 + 9^4$
29692 := $0^8 + 1^9 + 2^3 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^4$	29741 := $0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^3 + 6^2 + 7^0 + 8^1 + 9^4$	29790 := $0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^3 + 6^0 + 7^5 + 8^1 + 9^4$
29693 := $0^5 + 1^9 - 2^6 + 3^8 + 4^7 + 5^2 + 6^3 + 7^0 + 8^1 + 9^4$	29742 := $0^3 - 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^0 + 7^1 + 8^4 + 9^2$	29791 := $0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^3 + 9^0$

$$\begin{aligned}
29792 &:= 0^7 + 1^9 - 2^8 + 3^3 + 4^0 + 5^6 + 6^5 + 7^2 + 8^1 + 9^4 \\
29793 &:= 0^2 - 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1 \\
29794 &:= 0^5 - 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^0 + 7^1 + 8^3 + 9^4 \\
29795 &:= 0^2 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^4 + 7^5 + 8^3 + 9^1 \\
29796 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^2 + 5^6 + 6^0 + 7^1 + 8^3 + 9^4 \\
29797 &:= 0^3 + 1^7 - 2^9 + 3^8 + 4^4 + 5^6 + 6^5 + 7^0 + 8^1 + 9^2 \\
29798 &:= 0^7 - 1^8 + 2^6 + 3^9 + 4^2 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4 \\
29799 &:= 0^8 - 1^9 + 2^1 + 3^7 + 4^3 + 5^6 + 6^5 + 7^2 + 8^4 + 9^0 \\
29800 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^2 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4 \\
29801 &:= 0^8 + 1^9 + 2^1 + 3^7 + 4^3 + 5^6 + 6^5 + 7^2 + 8^4 + 9^0 \\
29802 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^2 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4 \\
29803 &:= 0^7 + 1^9 - 2^8 + 3^3 + 4^1 + 5^6 + 6^5 + 7^0 + 8^2 + 9^4 \\
29804 &:= 0^6 + 1^7 - 2^8 + 3^9 + 4^0 + 5^3 + 6^5 + 7^4 + 8^2 + 9^1 \\
29805 &:= 0^4 + 1^8 + 2^6 - 3^9 + 4^7 + 5^1 + 6^3 + 7^2 + 8^5 + 9^0 \\
29806 &:= 0^8 - 1^9 + 2^0 + 3^7 + 4^3 + 5^6 + 6^5 + 7^2 + 8^4 + 9^1 \\
29807 &:= 0^1 - 1^7 - 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^0 + 8^3 + 9^4 \\
29808 &:= 0^8 + 1^9 + 2^0 + 3^7 + 4^3 + 5^6 + 6^5 + 7^2 + 8^4 + 9^1 \\
29809 &:= 0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^0 \\
29810 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4 \\
29811 &:= 0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^0 \\
29812 &:= 0^7 + 1^8 - 2^9 + 3^2 + 4^0 + 5^6 + 6^5 + 7^3 + 8^1 + 9^4 \\
29813 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^2 + 7^0 + 8^3 + 9^4 \\
29814 &:= 0^5 - 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^2 + 7^1 + 8^3 + 9^4 \\
29815 &:= 0^7 + 1^0 - 2^9 + 3^8 + 4^5 + 5^6 + 6^2 + 7^1 + 8^3 + 9^4 \\
29816 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^2 + 7^1 + 8^3 + 9^4 \\
29817 &:= 0^7 - 1^0 + 2^9 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1 \\
29818 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^1 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4 \\
29819 &:= 0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1 \\
29820 &:= 0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^2 + 6^4 + 7^5 + 8^3 + 9^1 \\
29821 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^2 + 6^3 + 7^0 + 8^1 + 9^4 \\
29822 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^0 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4 \\
29823 &:= 0^6 - 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4 \\
29824 &:= 0^7 + 1^9 + 2^3 + 3^8 + 4^5 + 5^6 + 6^2 + 7^1 + 8^0 + 9^4 \\
29825 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4 \\
29826 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^1 + 5^6 + 6^0 + 7^2 + 8^3 + 9^4 \\
29827 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^0 + 6^3 + 7^1 + 8^2 + 9^4 \\
29828 &:= 0^5 + 1^7 + 2^9 + 3^8 + 4^0 + 5^6 + 6^1 + 7^2 + 8^3 + 9^4 \\
29829 &:= 0^7 + 1^8 + 2^2 + 3^9 + 4^6 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0 \\
29830 &:= 0^7 - 1^8 + 2^2 + 3^9 + 4^6 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1 \\
29831 &:= 0^8 - 1^9 + 2^1 + 3^7 + 4^3 + 5^6 + 6^5 + 7^0 + 8^4 + 9^2 \\
29832 &:= 0^7 + 1^8 + 2^2 + 3^9 + 4^6 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1 \\
29833 &:= 0^8 + 1^9 + 2^1 + 3^7 + 4^3 + 5^6 + 6^5 + 7^0 + 8^4 + 9^2 \\
29834 &:= 0^7 - 1^9 + 2^3 + 3^8 + 4^5 + 5^6 + 6^1 + 7^2 + 8^0 + 9^4 \\
29835 &:= 0^7 + 1^9 - 2^3 + 3^8 + 4^5 + 5^6 + 6^1 + 7^0 + 8^2 + 9^4 \\
29836 &:= 0^7 + 1^9 + 2^3 + 3^8 + 4^5 + 5^6 + 6^1 + 7^2 + 8^0 + 9^4 \\
29837 &:= 0^7 - 1^9 - 2^8 + 3^1 + 4^3 + 5^6 + 6^5 + 7^0 + 8^2 + 9^4 \\
29838 &:= 0^7 + 1^9 + 2^3 + 3^8 + 4^5 + 5^6 + 6^0 + 7^2 + 8^1 + 9^4 \\
29839 &:= 0^7 + 1^9 - 2^8 + 3^1 + 4^3 + 5^6 + 6^5 + 7^0 + 8^2 + 9^4 \\
29840 &:= 0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4 \\
29841 &:= 0^1 - 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0 \\
29842 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^1 + 6^3 + 7^2 + 8^0 + 9^4 \\
29843 &:= 0^1 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^0 \\
29844 &:= 0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^3 + 6^0 + 7^5 + 8^2 + 9^4 \\
29845 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^0 + 6^3 + 7^2 + 8^1 + 9^4 \\
29846 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4 \\
29847 &:= 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^3 + 8^4 + 9^0 \\
29848 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^0 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4 \\
29849 &:= 0^2 - 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1 \\
29850 &:= -0^0 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1 \\
29851 &:= 0^2 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^5 + 7^3 + 8^4 + 9^1 \\
29852 &:= 0^0 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^2 + 9^1 \\
29853 &:= 0^7 + 1^8 - 2^1 + 3^9 + 4^6 + 5^5 + 6^2 + 7^4 + 8^3 + 9^0 \\
29854 &:= 0^1 + 1^9 - 2^8 + 3^7 + 4^0 + 5^6 + 6^5 + 7^3 + 8^4 + 9^2 \\
29855 &:= 0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4 \\
29856 &:= 0^5 + 1^9 - 2^6 + 3^8 + 4^7 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4 \\
29857 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^1 + 6^3 + 7^0 + 8^2 + 9^4 \\
29858 &:= 0^1 - 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2 \\
29859 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^0 + 6^3 + 7^1 + 8^2 + 9^4 \\
29860 &:= 0^1 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^0 + 9^2 \\
29861 &:= 0^4 - 1^7 - 2^9 + 3^8 + 4^1 + 5^6 + 6^5 + 7^3 + 8^2 + 9^0 \\
29862 &:= 0^6 - 1^8 + 2^7 + 3^9 + 4^2 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4 \\
29863 &:= 0^4 + 1^7 - 2^9 + 3^8 + 4^1 + 5^6 + 6^5 + 7^3 + 8^2 + 9^0 \\
29864 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^2 + 5^5 + 6^1 + 7^3 + 8^0 + 9^4 \\
29865 &:= 0^1 - 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2 \\
29866 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^2 + 5^5 + 6^3 + 7^1 + 8^0 + 9^4 \\
29867 &:= 0^1 + 1^7 + 2^9 + 3^8 + 4^6 + 5^0 + 6^4 + 7^5 + 8^3 + 9^2 \\
29868 &:= 0^0 + 1^7 + 2^8 + 3^9 + 4^6 + 5^5 + 6^3 + 7^4 + 8^1 + 9^2 \\
29869 &:= 0^7 - 1^0 + 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2 \\
29870 &:= -0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2 \\
29871 &:= 0^7 + 1^0 + 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2 \\
29872 &:= 0^0 + 1^7 + 2^9 + 3^8 + 4^6 + 5^1 + 6^4 + 7^5 + 8^3 + 9^2 \\
29873 &:= 0^8 - 1^0 + 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1 \\
29874 &:= -0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1 \\
29875 &:= 0^8 + 1^0 + 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1 \\
29876 &:= 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^2 + 6^5 + 7^3 + 8^4 + 9^1 \\
29877 &:= 0^2 - 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^3 + 7^1 + 8^4 + 9^0 \\
29878 &:= 0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^0 + 9^4 \\
29879 &:= 0^8 - 1^9 + 2^2 + 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^1 + 9^4 \\
29880 &:= 0^6 - 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4 \\
29881 &:= 0^8 + 1^9 + 2^2 + 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^1 + 9^4 \\
29882 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^2 + 7^3 + 8^0 + 9^4 \\
29883 &:= 0^6 + 1^8 - 2^7 + 3^9 + 4^2 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0 \\
29884 &:= 0^6 - 1^8 + 2^7 + 3^9 + 4^0 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4 \\
29885 &:= 0^6 - 1^8 - 2^7 + 3^9 + 4^3 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2 \\
29886 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^0 + 5^5 + 6^2 + 7^3 + 8^1 + 9^4 \\
29887 &:= 0^6 + 1^8 - 2^7 + 3^9 + 4^3 + 5^0 + 6^5 + 7^4 + 8^1 + 9^2 \\
29888 &:= 0^6 + 1^9 - 2^5 + 3^8 + 4^7 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4 \\
29889 &:= 0^6 + 1^9 - 2^5 + 3^8 + 4^7 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4 \\
29890 &:= 0^8 - 1^9 - 2^1 + 3^7 + 4^6 + 5^2 + 6^3 + 7^5 + 8^0 + 9^4 \\
29891 &:= 0^6 + 1^7 + 2^9 - 3^8 + 4^1 + 5^0 + 6^2 + 7^4 + 8^5 + 9^3 \\
29892 &:= 0^8 + 1^9 - 2^1 + 3^7 + 4^6 + 5^2 + 6^3 + 7^5 + 8^0 + 9^4 \\
29893 &:= 0^7 - 1^8 - 2^6 + 3^9 + 4^3 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0 \\
29894 &:= 0^6 - 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4 \\
29895 &:= 0^7 + 1^8 - 2^6 + 3^9 + 4^3 + 5^2 + 6^5 + 7^4 + 8^1 + 9^0 \\
29896 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^3 + 7^2 + 8^0 + 9^4 \\
29897 &:= 0^4 + 1^6 + 2^8 - 3^9 + 4^7 + 5^3 + 6^2 + 7^0 + 8^5 + 9^1 \\
29898 &:= 0^6 - 1^7 + 2^8 + 3^9 + 4^0 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4 \\
29899 &:= 0^5 + 1^9 + 2^2 - 3^8 + 4^7 + 5^6 + 6^1 + 7^3 + 8^4 + 9^0 \\
29900 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^0 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4 \\
29901 &:= 0^9 + 1^0 - 2^5 - 3^8 + 4^7 + 5^6 + 6^2 + 7^3 + 8^4 + 9^1 \\
29902 &:= 0^7 + 1^8 + 2^1 + 3^9 + 4^6 + 5^5 + 6^0 + 7^4 + 8^3 + 9^2 \\
29903 &:= 0^3 + 1^8 - 2^7 - 3^9 + 4^2 + 5^6 + 6^4 + 7^1 + 8^5 + 9^0 \\
29904 &:= 0^7 - 1^8 + 2^0 + 3^9 + 4^6 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2 \\
29905 &:= 0^2 - 1^8 - 2^9 + 3^7 + 4^1 + 5^6 + 6^5 + 7^0 + 8^4 + 9^3 \\
29906 &:= 0^7 + 1^8 + 2^0 + 3^9 + 4^6 + 5^5 + 6^1 + 7^4 + 8^3 + 9^2 \\
29907 &:= 0^2 + 1^8 - 2^9 + 3^7 + 4^1 + 5^6 + 6^5 + 7^0 + 8^4 + 9^3 \\
29908 &:= 0^6 - 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4 \\
29909 &:= 0^6 - 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4 \\
29910 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4 \\
29911 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^1 + 5^5 + 6^3 + 7^0 + 8^2 + 9^4 \\
29912 &:= 0^6 + 1^8 + 2^7 + 3^9 + 4^0 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4 \\
29913 &:= 0^2 - 1^9 - 2^8 + 3^7 + 4^6 + 5^0 + 6^1 + 7^5 + 8^3 + 9^4 \\
29914 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^0 + 5^5 + 6^3 + 7^1 + 8^2 + 9^4 \\
29915 &:= 0^2 + 1^9 - 2^8 + 3^7 + 4^6 + 5^0 + 6^1 + 7^5 + 8^3 + 9^4 \\
29916 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^2 + 6^0 + 7^3 + 8^1 + 9^4 \\
29917 &:= 0^8 + 1^9 - 2^7 + 3^2 + 4^3 + 5^6 + 6^5 + 7^0 + 8^1 + 9^4 \\
29918 &:= 0^0 + 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^2 + 8^1 + 9^4 \\
29919 &:= 0^1 + 1^8 - 2^9 + 3^7 + 4^2 + 5^6 + 6^5 + 7^0 + 8^4 + 9^3 \\
29920 &:= 0^8 + 1^9 - 2^7 + 3^3 + 4^0 + 5^6 + 6^5 + 7^2 + 8^1 + 9^4 \\
29921 &:= 0^1 - 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2 \\
29922 &:= 0^6 - 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4 \\
29923 &:= 0^1 + 1^8 + 2^9 + 3^6 + 4^7 + 5^0 + 6^5 + 7^3 + 8^4 + 9^2 \\
29924 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^2 + 7^3 + 8^0 + 9^4 \\
29925 &:= 0^6 - 1^9 + 2^5 + 3^8 + 4^7 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4 \\
29926 &:= -0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2 \\
29927 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4 \\
29928 &:= 0^0 + 1^8 + 2^9 + 3^6 + 4^7 + 5^1 + 6^5 + 7^3 + 8^4 + 9^2 \\
29929 &:= 0^6 + 1^0 - 2^9 + 3^8 + 4^7 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1 \\
29930 &:= 0^0 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^3 + 7^2 + 8^4 + 9^1 \\
29931 &:= 0^7 + 1^8 - 2^6 + 3^9 + 4^3 + 5^1 + 6^5 + 7^4 + 8^2 + 9^0 \\
29932 &:= 0^0 + 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^3 + 7^1 + 8^2 + 9^4 \\
29933 &:= 0^8 - 1^9 + 2^1 + 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^2 + 9^4 \\
29934 &:= 0^1 + 1^9 - 2^8 + 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^3 + 9^4 \\
29935 &:= 0^8 + 1^9 + 2^1 + 3^7 + 4^6 + 5^0 + 6^3 + 7^5 + 8^2 + 9^4 \\
29936 &:= 0^8 - 1^9 + 2^0 + 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^2 + 9^4 \\
29937 &:= 0^6 + 1^9 - 2^7 + 3^8 + 4^3 + 5^0 + 6^1 + 7^5 + 8^2 + 9^4 \\
29938 &:= 0^8 + 1^9 + 2^0 + 3^7 + 4^6 + 5^1 + 6^3 + 7^5 + 8^2 + 9^4
\end{aligned}$$

$$\begin{aligned}
 29939 &:= 0^9 + 1^0 - 2^8 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^3 + 9^4 \\
 29940 &:= 0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^1 + 7^5 + 8^0 + 9^4 \\
 29941 &:= 0^7 + 1^8 + 2^5 - 3^9 + 4^2 + 5^1 + 6^6 + 7^4 + 8^3 + 9^0 \\
 29942 &:= 0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^2 + 6^0 + 7^5 + 8^1 + 9^4 \\
 29943 &:= 0^3 - 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^0 + 8^1 + 9^4 \\
 29944 &:= 0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^1 + 8^0 + 9^4 \\
 29945 &:= 0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^2 + 7^0 + 8^1 + 9^4 \\
 29946 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^2 + 6^1 + 7^3 + 8^0 + 9^4 \\
 29947 &:= 0^7 + 1^8 - 2^6 + 3^9 + 4^2 + 5^3 + 6^5 + 7^4 + 8^1 + 9^0 \\
 29948 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^2 + 6^0 + 7^3 + 8^1 + 9^4 \\
 29949 &:= 0^9 + 1^0 - 2^8 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^3 + 9^4 \\
 29950 &:= 0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^2 + 7^5 + 8^0 + 9^4 \\
 29951 &:= 0^2 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0 \\
 29952 &:= 0^6 + 1^9 + 2^5 + 3^8 + 4^7 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4 \\
 29953 &:= 0^2 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^1 + 7^4 + 8^3 + 9^0 \\
 29954 &:= 0^2 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1 \\
 29955 &:= 0^8 + 1^0 - 2^9 + 3^7 + 4^1 + 5^6 + 6^5 + 7^2 + 8^4 + 9^3 \\
 29956 &:= 0^2 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^0 + 7^4 + 8^3 + 9^1 \\
 29957 &:= 0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4 \\
 29958 &:= 0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^2 + 8^1 + 9^4 \\
 29959 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^0 + 6^2 + 7^3 + 8^1 + 9^4 \\
 29960 &:= 0^0 + 1^6 - 2^9 + 3^8 + 4^7 + 5^5 + 6^3 + 7^1 + 8^4 + 9^2 \\
 29961 &:= 0^4 + 1^7 - 2^9 - 3^8 + 4^6 + 5^3 + 6^2 + 7^1 + 8^5 + 9^0 \\
 29962 &:= 0^6 + 1^7 - 2^9 + 3^8 + 4^0 + 5^2 + 6^1 + 7^5 + 8^3 + 9^4 \\
 29963 &:= 0^3 - 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^1 + 8^4 + 9^0 \\
 29964 &:= 0^7 + 1^9 - 2^6 + 3^8 + 4^3 + 5^2 + 6^0 + 7^5 + 8^1 + 9^4 \\
 29965 &:= 0^3 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^1 + 8^4 + 9^0 \\
 29966 &:= 0^6 - 1^9 - 2^7 + 3^8 + 4^1 + 5^3 + 6^2 + 7^5 + 8^0 + 9^4 \\
 29967 &:= 0^3 + 1^9 + 2^8 + 3^7 + 4^2 + 5^6 + 6^5 + 7^0 + 8^4 + 9^1 \\
 29968 &:= 0^7 - 1^8 + 2^6 + 3^9 + 4^2 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4 \\
 29969 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^2 + 5^5 + 6^1 + 7^0 + 8^3 + 9^4 \\
 29970 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^2 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4 \\
 29971 &:= 0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^1 + 7^0 + 8^2 + 9^4 \\
 29972 &:= 0^3 + 1^9 + 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^1 + 8^2 + 9^4 \\
 29973 &:= 0^4 + 1^9 - 2^7 + 3^8 + 4^3 + 5^6 + 6^5 + 7^0 + 8^2 + 9^1 \\
 29974 &:= -0^0 - 1^8 - 2^7 + 3^9 + 4^6 + 5^5 + 6^1 + 7^4 + 8^2 + 9^3 \\
 29975 &:= 0^2 - 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3 \\
 29976 &:= 0^3 - 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^0 + 7^5 + 8^2 + 9^4 \\
 29977 &:= 0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^1 + 6^5 + 7^0 + 8^4 + 9^3 \\
 29978 &:= 0^3 + 1^9 + 2^8 + 3^7 + 4^6 + 5^1 + 6^0 + 7^5 + 8^2 + 9^4 \\
 29979 &:= 0^2 + 1^9 + 2^8 + 3^6 + 4^7 + 5^0 + 6^5 + 7^1 + 8^4 + 9^3 \\
 29980 &:= 0^7 + 1^8 - 2^9 + 3^2 + 4^0 + 5^6 + 6^5 + 7^1 + 8^3 + 9^4 \\
 29981 &:= 0^1 - 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^2 + 7^4 + 8^3 + 9^0 \\
 29982 &:= 0^5 - 1^9 + 2^6 + 3^8 + 4^7 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4 \\
 29983 &:= 0^1 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^2 + 7^4 + 8^3 + 9^0 \\
 29984 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^1 + 6^0 + 7^3 + 8^2 + 9^4 \\
 29985 &:= 0^5 + 1^9 + 2^6 + 3^8 + 4^7 + 5^0 + 6^1 + 7^3 + 8^2 + 9^4 \\
 29986 &:= 0^4 - 1^9 - 2^7 + 3^8 + 4^3 + 5^6 + 6^5 + 7^1 + 8^0 + 9^2 \\
 29987 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^1 + 5^5 + 6^2 + 7^0 + 8^3 + 9^4 \\
 29988 &:= 0^7 - 1^8 + 2^6 + 3^9 + 4^0 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4 \\
 29989 &:= 0^8 - 1^0 + 2^7 + 3^9 + 4^6 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1 \\
 29990 &:= 0^7 + 1^8 + 2^6 + 3^9 + 4^0 + 5^5 + 6^2 + 7^1 + 8^3 + 9^4 \\
 29991 &:= 0^8 + 1^0 + 2^7 + 3^9 + 4^6 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1 \\
 29992 &:= 0^0 + 1^8 + 2^7 + 3^9 + 4^6 + 5^5 + 6^2 + 7^4 + 8^3 + 9^1 \\
 29993 &:= 0^3 - 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^5 + 7^2 + 8^4 + 9^0 \\
 29994 &:= 0^6 + 1^7 + 2^8 + 3^9 + 4^2 + 5^5 + 6^0 + 7^3 + 8^1 + 9^4 \\
 29995 &:= 0^3 + 1^9 + 2^8 + 3^7 + 4^1 + 5^6 + 6^5 + 7^2 + 8^4 + 9^0 \\
 29996 &:= 0^2 + 1^9 - 2^7 + 3^8 + 4^5 + 5^6 + 6^0 + 7^3 + 8^1 + 9^4 \\
 29997 &:= 0^1 + 1^9 + 2^8 + 3^6 + 4^7 + 5^2 + 6^5 + 7^0 + 8^4 + 9^3 \\
 29998 &:= 0^3 - 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^5 + 7^2 + 8^4 + 9^1 \\
 29999 &:= 0^7 - 1^9 + 2^2 + 3^8 + 4^5 + 5^6 + 6^3 + 7^0 + 8^1 + 9^4 \\
 30000 &:= 0^3 + 1^9 + 2^8 + 3^7 + 4^0 + 5^6 + 6^5 + 7^2 + 8^4 + 9^1
 \end{aligned}$$

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