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Selfie Numbers: Basic Operations

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Abstract

*Numbers represented by their own digits by certain operations are considered as **selfie numbers**. Some times they are called as **wild narcissistic numbers**. There are many ways of representing **selfie numbers**. They can be represented in digit's order, reverse order of digits, increasing and/or decreasing order of digits, etc. These can be obtained by use of basis operations along with **factorial, square-root, Fibonacci sequence, Triangular numbers, binomial coefficients, s-gonal values, centered polygonal numbers, quadratic numbers, cubic numbers**, etc. This paper brings selfie numbers with basic opeartions up to 7 digit's numbers. The previous work up to 6 digits numbers can be seen in [14, 15, 16].*

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1 Introduction

Let's analyse historical aspects of some numbers:

(i) Consider the following classical number famous as **printer's error** (Dudeney, 1917, pp. 379 [5]):

$$\mathbf{2592} := 2^5 \times 9^2 \tag{1}$$

Actually it is not a **printer's error**, it a represents number in its own digits. The first number similar property is $25 = 5^2$, but is in **reverse order**.

(ii) Let consider another examples (Madachy, 1966, pp.167-175 [11]):

$$\begin{aligned} \mathbf{34425} &:= 3^4 \times 425 \\ \mathbf{312325} &:= 31^2 \times 325 \end{aligned} \tag{2}$$

Above two are represented their own digits. Moreover, if we multiply by both sides by 10, they continued with property of same digits both sides. These kinds of numbers are famous as **number patterns**. Still there is another number with different property, i.e.,

$$\mathbf{27594} := 73 \times 9 \times 42 = 7 \times 3942 \tag{3}$$

In this case, the two expressions on right side of (4) are with same digits, but the total value is with different digits. This type of study is not under work.

(iii) Madachy, 1966, pp.167-275 [11] also gave an interesting property with factorials know by **sum of factorials**:

$$\begin{aligned} \mathbf{1} &:= 1! \\ \mathbf{2} &:= 2! \\ \mathbf{145} &:= 1! + 4! + 5! \\ \mathbf{40585} &:= 4! + 0! + 5! + 8! + 5! \end{aligned} \tag{4}$$

Above numbers also have the property of same digits on both sides, but with factorial and addition.

In all the three situations, we observe that we are dealing with numbers those have same digits on both sides, where one side is number another with same digits with certain operations. Based on above idea of numbers, the author studies numbers calling **selfie numbers**, i.e., numbers represented by their own digits by certain operations. Some times they are called as **wild narcissistic numbers**. Some studies in this direction can seen in the works of Friedman [6, 7] and Rose [2, 3, 4].

Below are some examples of **selfie numbers** extending the idea of equation (2) using the operations of addition and subtraction with **factorial**:

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$$\mathbf{145} = 1! + 4! + 5!$$
$$\mathbf{733} := 7 + 3!! + 3!$$
$$\mathbf{1463} := -1! + 4! + 6! + 3!!$$
$$\mathbf{5177} := 5! + 17 + 7!$$
$$\mathbf{10077} := -1! - 0! - 0! + 7! + 7!$$
$$\mathbf{40585} := 4! + 0! + 5! + 8! + 5!$$
$$\mathbf{80518} := 8! - 0! - 5! - 1! + 8!$$
$$\mathbf{363239} := 36 + 323 + 9!$$
$$\mathbf{363269} := 363 + 26 + 9!$$
$$\mathbf{403199} := 40319 + 9!$$
$$\mathbf{317489} := -3! - 1! - 7! - 4! - 8! + 9!$$
$$\mathbf{352797} := -3! + 5 - 2! - 7! + 9! - 7!$$
$$\mathbf{357592} := -3! - 5! - 7! - 5! + 9! - 2!$$
$$\mathbf{357941} := 3! + 5! - 7! + 9! - 4! - 1!$$
$$\mathbf{361469} := 3! - 6! - 1! + 4! - 6! + 9!$$
$$\mathbf{364292} := 3!! + 6! - 4! - 2! + 9! - 2!$$
$$\mathbf{397584} := -3!! + 9! - 7! + 5! + 8! + 4!$$
$$\mathbf{398173} := 3! + 9! + 8! + 1! - 7! + 3!$$
$$\mathbf{408937} := -4! + 0! + 8! + 9! + 3!! + 7!$$
$$\mathbf{715799} := -7! - 1! + 5! - 7! + 9! + 9!$$
$$\mathbf{720599} := -7! - 2! + 0! - 5! + 9! + 9!$$

There are many ways of representing **selfie numbers**. They can be represented in digit's order, reverse order of digits, increasing and/or decreasing order of digits, etc. These can be obtained by use of basis operations along with **factorial, square-root, Fibonacci sequence, Triangular numbers, binomial coefficients, s-gonal values, centered polygonal numbers**, etc. Below is item-wise details of author's work on **selfie numbers**. These are in **digit's order**, and in **reverse order of digits**:

1. Selfie numbers with **Basic Operations**; [14, 15, 16] - also this work;
2. Selfie numbers with **Factorial**: [26, 27];
3. Selfie numbers with **Square-root**: [14, 15];
4. Selfie numbers with **Factorial and Square-root**: [14, 15, 16];
5. Selfie numbers with **Fibonacci sequence**: [23, 24];
6. Selfie numbers with **Triangular numbers**: [21];
7. Selfie numbers with **Binomial coefficients**: [22];
8. Selfie numbers with **S-gonal numbers**: [17];
9. Selfie numbers with **Centered Polygonal**: [17];
10. Selfie numbers with **Concatenation-Type**: [28];
11. Selfie numbers with **Quadratic numbers**: [25];
12. Selfie numbers with **Cubic numbers**: [29];

The last Section 4 is dedicated to summary of **selfie numbers** in different situations along with proper references.

2 Selfie Numbers: Basic Operations - Digit's Order

This section bring **selfie numbers** in digit's order using basic operations, i.e., addition, subtraction, multiplication, division and potentiation. This we have done up to 7 digits. The numbers given in expressions (2) and (4) are also included.

2.1 Without Addition and Subtraction Coefficients

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$$\mathbf{2592} := 2^5 \times 9^2$$

$$\mathbf{23328} := (2 \times 3^3)^2 \times 8$$
$$\mathbf{26364} := 26^3 \times 6/4$$
$$\mathbf{34425} := 3^4 \times 425$$
$$\mathbf{35721} := 3^5 \times 7 \times 21$$

$$\mathbf{170471} := 1 \times 7^{04} \times 71$$
$$\mathbf{233280} := (2 \times 3^3)^2 \times 80$$
$$\mathbf{312325} := 31^2 \times 325$$
$$\mathbf{314928} := 3^{14 \times 9} \times 2 \times 8$$
$$\mathbf{333234} := (3 \times 33)^2 \times 34$$
$$\mathbf{344250} := 3^4 \times 4250$$
$$\mathbf{357210} := 3^5 \times 7 \times 210$$
$$\mathbf{484128} := (48 \times 41)^2/8$$
$$\mathbf{492205} := 49^2 \times 205$$
$$\mathbf{741321} := (7 \times 41 \times 3)^2 \times 1$$
$$\mathbf{777924} := 7 \times 7 \times (7 \times 9)^2 \times 4$$

$$\mathbf{1492992} := 1 \times 4 \times 9 \times 2^9 \times 9^2$$
$$\mathbf{1594323} := 1^5 \times (9^4/3)^2/3$$
$$\mathbf{1679616} := 1 \times 6^7 \times 96/16$$
$$\mathbf{1704710} := 1 \times 7^{04} \times 710$$
$$\mathbf{1729665} := 17^2 \times 9 \times 665$$
$$\mathbf{1740725} := 1 \times 7^4 \times 0725$$
$$\mathbf{1769472} := 1^7 \times 6 \times 9 \times 4^7 \times 2$$

$$\mathbf{1984512} := 19 \times 8^4 \times 51/2$$
$$\mathbf{2162688} := (2 \times 1)^{6 \times 2} \times 6 \times 88$$
$$\mathbf{2254714} := 22^5/4 \times 7 \times 1/4$$
$$\mathbf{2332800} := (2 \times 3^3)^2 \times 800$$
$$\mathbf{2671872} := 2 \times 6 \times 71 \times (8 \times 7)^2$$
$$\mathbf{3123250} := 31^2 \times 3250$$
$$\mathbf{3149280} := 3^{14 \times 9} \times 2 \times 80$$
$$\mathbf{3332340} := (3 \times 33)^2 \times 340$$
$$\mathbf{3365793} := 3 \times 3^6 \times 57 \times 9 \times 3$$
$$\mathbf{3442500} := 3^4 \times 42500$$
$$\mathbf{3472875} := 3^4 \times 7^2 \times 875$$
$$\mathbf{3572100} := 3^5 \times 7 \times 2100$$
$$\mathbf{3612672} := 3 \times 6 \times 1 \times (2^6 \times 7)^2$$
$$\mathbf{3639168} := 3^6 \times 39 \times 16 \times 8$$
$$\mathbf{4344192} := (4 \times 3)^4 \times 419/2$$
$$\mathbf{4922050} := 49^2 \times 2050$$
$$\mathbf{5752875} := 575^2 \times 87/5$$
$$\mathbf{6718464} := 6^7 \times 1^8 4 \times 6 \times 4$$
$$\mathbf{6967296} := 6 \times 9 \times 6 \times 7 \times 2^9 \times 6$$
$$\mathbf{7022457} := 702^2/4 \times 57$$
$$\mathbf{7142975} := (7 \times 1)^4 \times 2975$$
$$\mathbf{7413210} := (7 \times 41 \times 3)^2 \times 10$$
$$\mathbf{7587328} := 7 \times 58 \times 73 \times 2^8$$
$$\mathbf{7779240} := 7 \times 7 \times (7 \times 9)^2 \times 40$$
$$\mathbf{8786432} := 8 \times (786 \times 4/3)^2$$

Remark 2.1. *Interestingly, the first number, i.e.,* $\mathbf{2592} := \mathbf{2^5 \times 9^2}$ *is the same as given in* (1). *The two numbers appearing in* (2) *are also appearing here. Still, we have much more numbers of similar kind.*

2.2 Symmetric and Consecutive

This subsection brings selfie numbers represented in symmetric way. These are blocks of either 10 or 100.

$$\mathbf{137790} := (1 + 3^7 \times 7) \times 9 + 0$$
$$\mathbf{137791} := (1 + 3^7 \times 7) \times 9 + 1$$
$$\mathbf{137792} := (1 + 3^7 \times 7) \times 9 + 2$$
$$\mathbf{137793} := (1 + 3^7 \times 7) \times 9 + 3$$
$$\mathbf{137794} := (1 + 3^7 \times 7) \times 9 + 4$$
$$\mathbf{137795} := (1 + 3^7 \times 7) \times 9 + 5$$
$$\mathbf{137796} := (1 + 3^7 \times 7) \times 9 + 6$$
$$\mathbf{137797} := (1 + 3^7 \times 7) \times 9 + 7$$

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$137798 := (1+3^7\times 7)\times 9+8$
$137799 := (1+3^7\times 7)\times 9+9$

$156250 := 1\times 5^6\times 2\times 5+0$
$156251 := 1\times 5^6\times 2\times 5+1$
$156252 := 1\times 5^6\times 2\times 5+2$
$156253 := 1\times 5^6\times 2\times 5+3$
$156254 := 1\times 5^6\times 2\times 5+4$
$156255 := 1\times 5^6\times 2\times 5+5$
$156256 := 1\times 5^6\times 2\times 5+6$
$156257 := 1\times 5^6\times 2\times 5+7$
$156258 := 1\times 5^6\times 2\times 5+8$
$156259 := 1\times 5^6\times 2\times 5+9$

$248830 := -2+(4+8)^{8-3}+0$
$248831 := -2+(4+8)^{8-3}+1$
$248832 := -2+(4+8)^{8-3}+2$
$248833 := -2+(4+8)^{8-3}+3$
$248834 := -2+(4+8)^{8-3}+4$
$248835 := -2+(4+8)^{8-3}+5$
$248836 := -2+(4+8)^{8-3}+6$
$248837 := -2+(4+8)^{8-3}+7$
$248838 := -2+(4+8)^{8-3}+8$
$248839 := -2+(4+8)^{8-3}+9$

$262140 := 2^{6\times(2+1)}-4+0$
$262141 := 2^{6\times(2+1)}-4+1$
$262142 := 2^{6\times(2+1)}-4+2$
$262143 := 2^{6\times(2+1)}-4+3$
$262144 := 2^{6\times(2+1)}-4+4$
$262145 := 2^{6\times(2+1)}-4+5$
$262146 := 2^{6\times(2+1)}-4+6$
$262147 := 2^{6\times(2+1)}-4+7$
$262148 := 2^{6\times(2+1)}-4+8$
$262149 := 2^{6\times(2+1)}-4+9$

$466520 := (-4+6^6)\times 5\times 2+0$
$466521 := (-4+6^6)\times 5\times 2+1$
$466522 := (-4+6^6)\times 5\times 2+2$
$466523 := (-4+6^6)\times 5\times 2+3$
$466524 := (-4+6^6)\times 5\times 2+4$
$466525 := (-4+6^6)\times 5\times 2+5$
$466526 := (-4+6^6)\times 5\times 2+6$
$466527 := (-4+6^6)\times 5\times 2+7$
$466528 := (-4+6^6)\times 5\times 2+8$
$466529 := (-4+6^6)\times 5\times 2+9$

$466560 := (4+6)\times 6^5\times 6+0$
$466561 := (4+6)\times 6^5\times 6+1$
$466562 := (4+6)\times 6^5\times 6+2$
$466563 := (4+6)\times 6^5\times 6+3$
$466564 := (4+6)\times 6^5\times 6+4$
$466565 := (4+6)\times 6^5\times 6+5$
$466566 := (4+6)\times 6^5\times 6+6$
$466567 := (4+6)\times 6^5\times 6+7$
$466568 := (4+6)\times 6^5\times 6+8$
$466569 := (4+6)\times 6^5\times 6+9$

$585640 := 5\times 8\times (5+6)^4+0$
$585641 := 5\times 8\times (5+6)^4+1$
$585642 := 5\times 8\times (5+6)^4+2$
$585643 := 5\times 8\times (5+6)^4+3$
$585644 := 5\times 8\times (5+6)^4+4$
$585645 := 5\times 8\times (5+6)^4+5$
$585646 := 5\times 8\times (5+6)^4+6$
$585647 := 5\times 8\times (5+6)^4+7$
$585648 := 5\times 8\times (5+6)^4+8$
$585649 := 5\times 8\times (5+6)^4+9$

$656250 := 6\times 5^6\times (2+5)+0$
$656251 := 6\times 5^6\times (2+5)+1$
$656252 := 6\times 5^6\times (2+5)+2$
$656253 := 6\times 5^6\times (2+5)+3$
$656254 := 6\times 5^6\times (2+5)+4$
$656255 := 6\times 5^6\times (2+5)+5$

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$$\mathbf{656256} := 6 \times 5^6 \times (2+5) + 6$$
$$\mathbf{656257} := 6 \times 5^6 \times (2+5) + 7$$
$$\mathbf{656258} := 6 \times 5^6 \times (2+5) + 8$$
$$\mathbf{656259} := 6 \times 5^6 \times (2+5) + 9$$

$$\mathbf{1176450} := (1+1) \times (7^6 - 4) \times 5 + 0$$
$$\mathbf{1176451} := (1+1) \times (7^6 - 4) \times 5 + 1$$
$$\mathbf{1176452} := (1+1) \times (7^6 - 4) \times 5 + 2$$
$$\mathbf{1176453} := (1+1) \times (7^6 - 4) \times 5 + 3$$
$$\mathbf{1176454} := (1+1) \times (7^6 - 4) \times 5 + 4$$
$$\mathbf{1176455} := (1+1) \times (7^6 - 4) \times 5 + 5$$
$$\mathbf{1176456} := (1+1) \times (7^6 - 4) \times 5 + 6$$
$$\mathbf{1176457} := (1+1) \times (7^6 - 4) \times 5 + 7$$
$$\mathbf{1176458} := (1+1) \times (7^6 - 4) \times 5 + 8$$
$$\mathbf{1176459} := (1+1) \times (7^6 - 4) \times 5 + 9$$

$$\mathbf{1176490} := -(1+1) \times 7^6 \times (4-9) + 0$$
$$\mathbf{1176491} := -(1+1) \times 7^6 \times (4-9) + 1$$
$$\mathbf{1176492} := -(1+1) \times 7^6 \times (4-9) + 2$$
$$\mathbf{1176493} := -(1+1) \times 7^6 \times (4-9) + 3$$
$$\mathbf{1176494} := -(1+1) \times 7^6 \times (4-9) + 4$$
$$\mathbf{1176495} := -(1+1) \times 7^6 \times (4-9) + 5$$
$$\mathbf{1176496} := -(1+1) \times 7^6 \times (4-9) + 6$$
$$\mathbf{1176497} := -(1+1) \times 7^6 \times (4-9) + 7$$
$$\mathbf{1176498} := -(1+1) \times 7^6 \times (4-9) + 8$$
$$\mathbf{1176499} := -(1+1) \times 7^6 \times (4-9) + 9$$

$$\mathbf{1377900} := (1 + 3^7 \times 7) \times 90 + 0$$
$$\mathbf{1377901} := (1 + 3^7 \times 7) \times 90 + 1$$
$$\mathbf{1377902} := (1 + 3^7 \times 7) \times 90 + 2$$
$$\mathbf{1377903} := (1 + 3^7 \times 7) \times 90 + 3$$
$$\mathbf{1377904} := (1 + 3^7 \times 7) \times 90 + 4$$
$$\mathbf{1377905} := (1 + 3^7 \times 7) \times 90 + 5$$
$$\mathbf{1377906} := (1 + 3^7 \times 7) \times 90 + 6$$
$$\mathbf{1377907} := (1 + 3^7 \times 7) \times 90 + 7$$
$$\mathbf{1377908} := (1 + 3^7 \times 7) \times 90 + 8$$
$$\mathbf{1377909} := (1 + 3^7 \times 7) \times 90 + 9$$

$$\mathbf{1518750} := (1^5 + 1) \times (8+7)^5 + 0$$
$$\mathbf{1518751} := (1^5 + 1) \times (8+7)^5 + 1$$
$$\mathbf{1518752} := (1^5 + 1) \times (8+7)^5 + 2$$
$$\mathbf{1518753} := (1^5 + 1) \times (8+7)^5 + 3$$
$$\mathbf{1518754} := (1^5 + 1) \times (8+7)^5 + 4$$
$$\mathbf{1518755} := (1^5 + 1) \times (8+7)^5 + 5$$
$$\mathbf{1518756} := (1^5 + 1) \times (8+7)^5 + 6$$
$$\mathbf{1518757} := (1^5 + 1) \times (8+7)^5 + 7$$
$$\mathbf{1518758} := (1^5 + 1) \times (8+7)^5 + 8$$
$$\mathbf{1518759} := (1^5 + 1) \times (8+7)^5 + 9$$

$$\mathbf{1562488} := (1 + 5^{6+2}) \times 4 - 8 - 8$$
$$\mathbf{1562490} := -1 + 5^{6+2} \times 4 - 9 + 0$$
$$\mathbf{1562491} := -1 + 5^{6+2} \times 4 - 9 + 1$$
$$\mathbf{1562492} := -1 + 5^{6+2} \times 4 - 9 + 2$$
$$\mathbf{1562493} := -1 + 5^{6+2} \times 4 - 9 + 3$$
$$\mathbf{1562494} := -1 + 5^{6+2} \times 4 - 9 + 4$$
$$\mathbf{1562495} := -1 + 5^{6+2} \times 4 - 9 + 5$$
$$\mathbf{1562496} := -1 + 5^{6+2} \times 4 - 9 + 6$$
$$\mathbf{1562497} := -1 + 5^{6+2} \times 4 - 9 + 7$$
$$\mathbf{1562498} := -1 + 5^{6+2} \times 4 - 9 + 8$$
$$\mathbf{1562499} := -1 + 5^{6+2} \times 4 - 9 + 9$$

$$\mathbf{1562500} := 1 \times 5^6 \times 2 \times 50 + 0$$
$$\mathbf{1562501} := 1 \times 5^6 \times 2 \times 50 + 1$$
$$\mathbf{1562502} := 1 \times 5^6 \times 2 \times 50 + 2$$
$$\mathbf{1562503} := 1 \times 5^6 \times 2 \times 50 + 3$$
$$\mathbf{1562504} := 1 \times 5^6 \times 2 \times 50 + 4$$
$$\mathbf{1562505} := 1 \times 5^6 \times 2 \times 50 + 5$$
$$\mathbf{1562506} := 1 \times 5^6 \times 2 \times 50 + 6$$
$$\mathbf{1562507} := 1 \times 5^6 \times 2 \times 50 + 7$$
$$\mathbf{1562508} := 1 \times 5^6 \times 2 \times 50 + 8$$
$$\mathbf{1562509} := 1 \times 5^6 \times 2 \times 50 + 9$$

$$\mathbf{1574640} := 15 \times ((7-4) \times 6)^4 + 0$$
$$\mathbf{1574641} := 15 \times ((7-4) \times 6)^4 + 1$$
$$\mathbf{1574642} := 15 \times ((7-4) \times 6)^4 + 2$$
$$\mathbf{1574643} := 15 \times ((7-4) \times 6)^4 + 3$$

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$1574644 := 15 \times ((7-4) \times 6)^4 + 4$
$1574645 := 15 \times ((7-4) \times 6)^4 + 5$
$1574646 := 15 \times ((7-4) \times 6)^4 + 6$
$1574647 := 15 \times ((7-4) \times 6)^4 + 7$
$1574648 := 15 \times ((7-4) \times 6)^4 + 8$
$1574649 := 15 \times ((7-4) \times 6)^4 + 9$

$1679680 := 1^6 + 7 \times 9 + 6^8 + 0$
$1679681 := 1^6 + 7 \times 9 + 6^8 + 1$
$1679682 := 1^6 + 7 \times 9 + 6^8 + 2$
$1679683 := 1^6 + 7 \times 9 + 6^8 + 3$
$1679684 := 1^6 + 7 \times 9 + 6^8 + 4$
$1679685 := 1^6 + 7 \times 9 + 6^8 + 5$
$1679686 := 1^6 + 7 \times 9 + 6^8 + 6$
$1679687 := 1^6 + 7 \times 9 + 6^8 + 7$
$1679688 := 1^6 + 7 \times 9 + 6^8 + 8$
$1679689 := 1^6 + 7 \times 9 + 6^8 + 9$

$1682210 := (1 + 6^{8/2})^2 + 1 + 0$
$1682211 := (1 + 6^{8/2})^2 + 1 + 1$
$1682212 := (1 + 6^{8/2})^2 + 1 + 2$
$1682213 := (1 + 6^{8/2})^2 + 1 + 3$
$1682214 := (1 + 6^{8/2})^2 + 1 + 4$
$1682215 := (1 + 6^{8/2})^2 + 1 + 5$
$1682216 := (1 + 6^{8/2})^2 + 1 + 6$
$1682217 := (1 + 6^{8/2})^2 + 1 + 7$
$1682218 := (1 + 6^{8/2})^2 + 1 + 8$
$1682219 := (1 + 6^{8/2})^2 + 1 + 9$

$1764690 := (1 + 7^6 - 4) \times (6 + 9) + 0$
$1764691 := (1 + 7^6 - 4) \times (6 + 9) + 1$
$1764692 := (1 + 7^6 - 4) \times (6 + 9) + 2$
$1764693 := (1 + 7^6 - 4) \times (6 + 9) + 3$
$1764694 := (1 + 7^6 - 4) \times (6 + 9) + 4$
$1764695 := (1 + 7^6 - 4) \times (6 + 9) + 5$
$1764696 := (1 + 7^6 - 4) \times (6 + 9) + 6$
$1764697 := (1 + 7^6 - 4) \times (6 + 9) + 7$
$1764698 := (1 + 7^6 - 4) \times (6 + 9) + 8$
$1764699 := (1 + 7^6 - 4) \times (6 + 9) + 9$

$1764750 := (1 + 7^6) \times (-4 + 7) \times 5 + 0$
$1764751 := (1 + 7^6) \times (-4 + 7) \times 5 + 1$
$1764752 := (1 + 7^6) \times (-4 + 7) \times 5 + 2$
$1764753 := (1 + 7^6) \times (-4 + 7) \times 5 + 3$
$1764754 := (1 + 7^6) \times (-4 + 7) \times 5 + 4$
$1764755 := (1 + 7^6) \times (-4 + 7) \times 5 + 5$
$1764756 := (1 + 7^6) \times (-4 + 7) \times 5 + 6$
$1764757 := (1 + 7^6) \times (-4 + 7) \times 5 + 7$
$1764758 := (1 + 7^6) \times (-4 + 7) \times 5 + 8$
$1764759 := (1 + 7^6) \times (-4 + 7) \times 5 + 9$

$1764765 := (1 \times 7^6 \times (-4 + 7) + 6) \times 5$
$1764775 := (1 + 7^6 \times (-4 + 7) + 7) \times 5$
$1764780 := (-1 + 7^6 + 4) \times (7 + 8) + 0$
$1764781 := (-1 + 7^6 + 4) \times (7 + 8) + 1$
$1764782 := (-1 + 7^6 + 4) \times (7 + 8) + 2$
$1764783 := (-1 + 7^6 + 4) \times (7 + 8) + 3$
$1764784 := (-1 + 7^6 + 4) \times (7 + 8) + 4$
$1764785 := (-1 + 7^6 + 4) \times (7 + 8) + 5$
$1764786 := (-1 + 7^6 + 4) \times (7 + 8) + 6$
$1764787 := (-1 + 7^6 + 4) \times (7 + 8) + 7$
$1764788 := (-1 + 7^6 + 4) \times (7 + 8) + 8$
$1764789 := (-1 + 7^6 + 4) \times (7 + 8) + 9$

$1771560 := -1^7 + (7 - 1 + 5)^6 + 0$
$1771561 := -1^7 + (7 - 1 + 5)^6 + 1$
$1771562 := -1^7 + (7 - 1 + 5)^6 + 2$
$1771563 := -1^7 + (7 - 1 + 5)^6 + 3$
$1771564 := -1^7 + (7 - 1 + 5)^6 + 4$
$1771565 := -1^7 + (7 - 1 + 5)^6 + 5$
$1771566 := -1^7 + (7 - 1 + 5)^6 + 6$
$1771567 := -1^7 + (7 - 1 + 5)^6 + 7$
$1771568 := -1^7 + (7 - 1 + 5)^6 + 8$
$1771569 := -1^7 + (7 - 1 + 5)^6 + 9$

$1866250 := (1 \times 8 \times 6^6 + 2) \times 5 + 0$

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$$1866251 := (1 \times 8 \times 6^6 + 2) \times 5 + 1$$
$$1866252 := (1 \times 8 \times 6^6 + 2) \times 5 + 2$$
$$1866253 := (1 \times 8 \times 6^6 + 2) \times 5 + 3$$
$$1866254 := (1 \times 8 \times 6^6 + 2) \times 5 + 4$$
$$1866255 := (1 \times 8 \times 6^6 + 2) \times 5 + 5$$
$$1866256 := (1 \times 8 \times 6^6 + 2) \times 5 + 6$$
$$1866257 := (1 \times 8 \times 6^6 + 2) \times 5 + 7$$
$$1866258 := (1 \times 8 \times 6^6 + 2) \times 5 + 8$$
$$1866259 := (1 \times 8 \times 6^6 + 2) \times 5 + 9$$

$$1889540 := (1 - 8 + 8 \times 9^5) \times 4 + 0$$
$$1889541 := (1 - 8 + 8 \times 9^5) \times 4 + 1$$
$$1889542 := (1 - 8 + 8 \times 9^5) \times 4 + 2$$
$$1889543 := (1 - 8 + 8 \times 9^5) \times 4 + 3$$
$$1889544 := (1 - 8 + 8 \times 9^5) \times 4 + 4$$
$$1889545 := (1 - 8 + 8 \times 9^5) \times 4 + 5$$
$$1889546 := (1 - 8 + 8 \times 9^5) \times 4 + 6$$
$$1889547 := (1 - 8 + 8 \times 9^5) \times 4 + 7$$
$$1889548 := (1 - 8 + 8 \times 9^5) \times 4 + 8$$
$$1889549 := (1 - 8 + 8 \times 9^5) \times 4 + 9$$

$$2097170 := 2 \times 09 + (7 + 1)^7 + 0$$
$$2097171 := 2 \times 09 + (7 + 1)^7 + 1$$
$$2097172 := 2 \times 09 + (7 + 1)^7 + 2$$
$$2097173 := 2 \times 09 + (7 + 1)^7 + 3$$
$$2097174 := 2 \times 09 + (7 + 1)^7 + 4$$
$$2097175 := 2 \times 09 + (7 + 1)^7 + 5$$
$$2097176 := 2 \times 09 + (7 + 1)^7 + 6$$
$$2097177 := 2 \times 09 + (7 + 1)^7 + 7$$
$$2097178 := 2 \times 09 + (7 + 1)^7 + 8$$
$$2097179 := 2 \times 09 + (7 + 1)^7 + 9$$

$$2099440 := 20 \times ((9 + 9)^4 - 4) + 0$$
$$2099441 := 20 \times ((9 + 9)^4 - 4) + 1$$
$$2099442 := 20 \times ((9 + 9)^4 - 4) + 2$$
$$2099443 := 20 \times ((9 + 9)^4 - 4) + 3$$
$$2099444 := 20 \times ((9 + 9)^4 - 4) + 4$$
$$2099445 := 20 \times ((9 + 9)^4 - 4) + 5$$
$$2099446 := 20 \times ((9 + 9)^4 - 4) + 6$$
$$2099447 := 20 \times ((9 + 9)^4 - 4) + 7$$
$$2099448 := 20 \times ((9 + 9)^4 - 4) + 8$$
$$2099449 := 20 \times ((9 + 9)^4 - 4) + 9$$

$$2358720 := (2^{3\times5} - 8) \times 72 + 0$$
$$2358721 := (2^{3\times5} - 8) \times 72 + 1$$
$$2358722 := (2^{3\times5} - 8) \times 72 + 2$$
$$2358723 := (2^{3\times5} - 8) \times 72 + 3$$
$$2358724 := (2^{3\times5} - 8) \times 72 + 4$$
$$2358725 := (2^{3\times5} - 8) \times 72 + 5$$
$$2358726 := (2^{3\times5} - 8) \times 72 + 6$$
$$2358727 := (2^{3\times5} - 8) \times 72 + 7$$
$$2358728 := (2^{3\times5} - 8) \times 72 + 8$$
$$2358729 := (2^{3\times5} - 8) \times 72 + 9$$

$$2359280 := (2^{3\times5} \times 9 - 2) \times 8 + 0$$
$$2359281 := (2^{3\times5} \times 9 - 2) \times 8 + 1$$
$$2359282 := (2^{3\times5} \times 9 - 2) \times 8 + 2$$
$$2359283 := (2^{3\times5} \times 9 - 2) \times 8 + 3$$
$$2359284 := (2^{3\times5} \times 9 - 2) \times 8 + 4$$
$$2359285 := (2^{3\times5} \times 9 - 2) \times 8 + 5$$
$$2359286 := (2^{3\times5} \times 9 - 2) \times 8 + 6$$
$$2359287 := (2^{3\times5} \times 9 - 2) \times 8 + 7$$
$$2359288 := (2^{3\times5} \times 9 - 2) \times 8 + 8$$
$$2359289 := (2^{3\times5} \times 9 - 2) \times 8 + 9$$

$$2785280 := 2^7 \times 85 \times 2^8 + 0$$
$$2785281 := 2^7 \times 85 \times 2^8 + 1$$
$$2785282 := 2^7 \times 85 \times 2^8 + 2$$
$$2785283 := 2^7 \times 85 \times 2^8 + 3$$
$$2785284 := 2^7 \times 85 \times 2^8 + 4$$
$$2785285 := 2^7 \times 85 \times 2^8 + 5$$
$$2785286 := 2^7 \times 85 \times 2^8 + 6$$
$$2785287 := 2^7 \times 85 \times 2^8 + 7$$
$$2785288 := 2^7 \times 85 \times 2^8 + 8$$
$$2785289 := 2^7 \times 85 \times 2^8 + 9$$

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$\mathbf{2883850} := 2 + 88 \times (3 + 8^5) + 0$
$\mathbf{2883851} := 2 + 88 \times (3 + 8^5) + 1$
$\mathbf{2883852} := 2 + 88 \times (3 + 8^5) + 2$
$\mathbf{2883853} := 2 + 88 \times (3 + 8^5) + 3$
$\mathbf{2883854} := 2 + 88 \times (3 + 8^5) + 4$
$\mathbf{2883855} := 2 + 88 \times (3 + 8^5) + 5$
$\mathbf{2883856} := 2 + 88 \times (3 + 8^5) + 6$
$\mathbf{2883857} := 2 + 88 \times (3 + 8^5) + 7$
$\mathbf{2883858} := 2 + 88 \times (3 + 8^5) + 8$
$\mathbf{2883859} := 2 + 88 \times (3 + 8^5) + 9$

$\mathbf{2952550} := 2 \times (9^5 + 2) \times 5 \times 5 + 0$
$\mathbf{2952551} := 2 \times (9^5 + 2) \times 5 \times 5 + 1$
$\mathbf{2952552} := 2 \times (9^5 + 2) \times 5 \times 5 + 2$
$\mathbf{2952553} := 2 \times (9^5 + 2) \times 5 \times 5 + 3$
$\mathbf{2952554} := 2 \times (9^5 + 2) \times 5 \times 5 + 4$
$\mathbf{2952555} := 2 \times (9^5 + 2) \times 5 \times 5 + 5$
$\mathbf{2952556} := 2 \times (9^5 + 2) \times 5 \times 5 + 6$
$\mathbf{2952557} := 2 \times (9^5 + 2) \times 5 \times 5 + 7$
$\mathbf{2952558} := 2 \times (9^5 + 2) \times 5 \times 5 + 8$
$\mathbf{2952559} := 2 \times (9^5 + 2) \times 5 \times 5 + 9$

$\mathbf{3484340} := 3 + 4^8 + 43^4 + 0$
$\mathbf{3484341} := 3 + 4^8 + 43^4 + 1$
$\mathbf{3484342} := 3 + 4^8 + 43^4 + 2$
$\mathbf{3484343} := 3 + 4^8 + 43^4 + 3$
$\mathbf{3484344} := 3 + 4^8 + 43^4 + 4$
$\mathbf{3484345} := 3 + 4^8 + 43^4 + 5$
$\mathbf{3484346} := 3 + 4^8 + 43^4 + 6$
$\mathbf{3484347} := 3 + 4^8 + 43^4 + 7$
$\mathbf{3484348} := 3 + 4^8 + 43^4 + 8$
$\mathbf{3484349} := 3 + 4^8 + 43^4 + 9$

$\mathbf{3515580} := (3 + 5 + 1) \times (-5 + 5^8) + 0$
$\mathbf{3515581} := (3 + 5 + 1) \times (-5 + 5^8) + 1$
$\mathbf{3515582} := (3 + 5 + 1) \times (-5 + 5^8) + 2$
$\mathbf{3515583} := (3 + 5 + 1) \times (-5 + 5^8) + 3$
$\mathbf{3515584} := (3 + 5 + 1) \times (-5 + 5^8) + 4$
$\mathbf{3515585} := (3 + 5 + 1) \times (-5 + 5^8) + 5$
$\mathbf{3515586} := (3 + 5 + 1) \times (-5 + 5^8) + 6$
$\mathbf{3515587} := (3 + 5 + 1) \times (-5 + 5^8) + 7$
$\mathbf{3515588} := (3 + 5 + 1) \times (-5 + 5^8) + 8$
$\mathbf{3515589} := (3 + 5 + 1) \times (-5 + 5^8) + 9$

$\mathbf{3729670} := (37^2 + 9^6) \times 7 + 0$
$\mathbf{3729671} := (37^2 + 9^6) \times 7 + 1$
$\mathbf{3729672} := (37^2 + 9^6) \times 7 + 2$
$\mathbf{3729673} := (37^2 + 9^6) \times 7 + 3$
$\mathbf{3729674} := (37^2 + 9^6) \times 7 + 4$
$\mathbf{3729675} := (37^2 + 9^6) \times 7 + 5$
$\mathbf{3729676} := (37^2 + 9^6) \times 7 + 6$
$\mathbf{3729677} := (37^2 + 9^6) \times 7 + 7$
$\mathbf{3729678} := (37^2 + 9^6) \times 7 + 8$
$\mathbf{3729679} := (37^2 + 9^6) \times 7 + 9$

$\mathbf{3925930} := 3^9 + 2 \times 5^9 - 3 + 0$
$\mathbf{3925931} := 3^9 + 2 \times 5^9 - 3 + 1$
$\mathbf{3925932} := 3^9 + 2 \times 5^9 - 3 + 2$
$\mathbf{3925933} := 3^9 + 2 \times 5^9 - 3 + 3$
$\mathbf{3925934} := 3^9 + 2 \times 5^9 - 3 + 4$
$\mathbf{3925935} := 3^9 + 2 \times 5^9 - 3 + 5$
$\mathbf{3925936} := 3^9 + 2 \times 5^9 - 3 + 6$
$\mathbf{3925937} := 3^9 + 2 \times 5^9 - 3 + 7$
$\mathbf{3925938} := 3^9 + 2 \times 5^9 - 3 + 8$
$\mathbf{3925939} := 3^9 + 2 \times 5^9 - 3 + 9$

$\mathbf{4117710} := (4 + 1) \times 1 \times (7^7 - 1) + 0$
$\mathbf{4117711} := (4 + 1) \times 1 \times (7^7 - 1) + 1$
$\mathbf{4117712} := (4 + 1) \times 1 \times (7^7 - 1) + 2$
$\mathbf{4117713} := (4 + 1) \times 1 \times (7^7 - 1) + 3$
$\mathbf{4117714} := (4 + 1) \times 1 \times (7^7 - 1) + 4$
$\mathbf{4117715} := (4 + 1) \times 1 \times (7^7 - 1) + 5$
$\mathbf{4117716} := (4 + 1) \times 1 \times (7^7 - 1) + 6$
$\mathbf{4117717} := (4 + 1) \times 1 \times (7^7 - 1) + 7$
$\mathbf{4117718} := (4 + 1) \times 1 \times (7^7 - 1) + 8$

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$4117719 := (4+1) \times 1 \times (7^7 - 1) + 9$

$4117720 := (4+1) \times (-1 + 7^7 + 2) + 0$
$4117721 := (4+1) \times (-1 + 7^7 + 2) + 1$
$4117722 := (4+1) \times (-1 + 7^7 + 2) + 2$
$4117723 := (4+1) \times (-1 + 7^7 + 2) + 3$
$4117724 := (4+1) \times (-1 + 7^7 + 2) + 4$
$4117725 := (4+1) \times (-1 + 7^7 + 2) + 5$
$4117726 := (4+1) \times (-1 + 7^7 + 2) + 6$
$4117727 := (4+1) \times (-1 + 7^7 + 2) + 7$
$4117728 := (4+1) \times (-1 + 7^7 + 2) + 8$
$4117729 := (4+1) \times (-1 + 7^7 + 2) + 9$

$4117730 := (4+1) \times 1 \times (7^7 + 3) + 0$
$4117731 := (4+1) \times 1 \times (7^7 + 3) + 1$
$4117732 := (4+1) \times 1 \times (7^7 + 3) + 2$
$4117733 := (4+1) \times 1 \times (7^7 + 3) + 3$
$4117734 := (4+1) \times 1 \times (7^7 + 3) + 4$
$4117735 := (4+1) \times 1 \times (7^7 + 3) + 5$
$4117736 := (4+1) \times 1 \times (7^7 + 3) + 6$
$4117737 := (4+1) \times 1 \times (7^7 + 3) + 7$
$4117738 := (4+1) \times 1 \times (7^7 + 3) + 8$
$4117739 := (4+1) \times 1 \times (7^7 + 3) + 9$

$4117740 := (4+1) \times (1 + 7^7 + 4) + 0$
$4117741 := (4+1) \times (1 + 7^7 + 4) + 1$
$4117742 := (4+1) \times (1 + 7^7 + 4) + 2$
$4117743 := (4+1) \times (1 + 7^7 + 4) + 3$
$4117744 := (4+1) \times (1 + 7^7 + 4) + 4$
$4117745 := (4+1) \times (1 + 7^7 + 4) + 5$
$4117746 := (4+1) \times (1 + 7^7 + 4) + 6$
$4117747 := (4+1) \times (1 + 7^7 + 4) + 7$
$4117748 := (4+1) \times (1 + 7^7 + 4) + 8$
$4117749 := (4+1) \times (1 + 7^7 + 4) + 9$

$4117750 := (-4 + 11 + 7^7) \times 5 + 0$
$4117751 := (-4 + 11 + 7^7) \times 5 + 1$
$4117752 := (-4 + 11 + 7^7) \times 5 + 2$
$4117753 := (-4 + 11 + 7^7) \times 5 + 3$
$4117754 := (-4 + 11 + 7^7) \times 5 + 4$
$4117755 := (-4 + 11 + 7^7) \times 5 + 5$
$4117756 := (-4 + 11 + 7^7) \times 5 + 6$
$4117757 := (-4 + 11 + 7^7) \times 5 + 7$
$4117758 := (-4 + 11 + 7^7) \times 5 + 8$
$4117759 := (-4 + 11 + 7^7) \times 5 + 9$

$4135260 := 41^3 \times 5 \times 2 \times 6 + 0$
$4135261 := 41^3 \times 5 \times 2 \times 6 + 1$
$4135262 := 41^3 \times 5 \times 2 \times 6 + 2$
$4135263 := 41^3 \times 5 \times 2 \times 6 + 3$
$4135264 := 41^3 \times 5 \times 2 \times 6 + 4$
$4135265 := 41^3 \times 5 \times 2 \times 6 + 5$
$4135266 := 41^3 \times 5 \times 2 \times 6 + 6$
$4135267 := 41^3 \times 5 \times 2 \times 6 + 7$
$4135268 := 41^3 \times 5 \times 2 \times 6 + 8$
$4135269 := 41^3 \times 5 \times 2 \times 6 + 9$

$4194140 := (4^{1+9} - 41) \times 4 + 0$
$4194141 := (4^{1+9} - 41) \times 4 + 1$
$4194142 := (4^{1+9} - 41) \times 4 + 2$
$4194143 := (4^{1+9} - 41) \times 4 + 3$
$4194144 := (4^{1+9} - 41) \times 4 + 4$
$4194145 := (4^{1+9} - 41) \times 4 + 5$
$4194146 := (4^{1+9} - 41) \times 4 + 6$
$4194147 := (4^{1+9} - 41) \times 4 + 7$
$4194148 := (4^{1+9} - 41) \times 4 + 8$
$4194149 := (4^{1+9} - 41) \times 4 + 9$

$4194240 := ((4 \times 1)^9 - 4) \times 2^4 + 0$
$4194241 := ((4 \times 1)^9 - 4) \times 2^4 + 1$
$4194242 := ((4 \times 1)^9 - 4) \times 2^4 + 2$
$4194243 := ((4 \times 1)^9 - 4) \times 2^4 + 3$
$4194244 := ((4 \times 1)^9 - 4) \times 2^4 + 4$
$4194245 := ((4 \times 1)^9 - 4) \times 2^4 + 5$
$4194246 := ((4 \times 1)^9 - 4) \times 2^4 + 6$
$4194247 := ((4 \times 1)^9 - 4) \times 2^4 + 7$

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$$\mathbf{4194248} := ((4\times 1)^9 - 4)\times 2^4 + 8$$
$$\mathbf{4194249} := ((4\times 1)^9 - 4)\times 2^4 + 9$$

$$\mathbf{4194290} := -4 - 1 - 9 + 4^{2+9} + 0$$
$$\mathbf{4194291} := -4 - 1 - 9 + 4^{2+9} + 1$$
$$\mathbf{4194292} := -4 - 1 - 9 + 4^{2+9} + 2$$
$$\mathbf{4194293} := -4 - 1 - 9 + 4^{2+9} + 3$$
$$\mathbf{4194294} := -4 - 1 - 9 + 4^{2+9} + 4$$
$$\mathbf{4194295} := -4 - 1 - 9 + 4^{2+9} + 5$$
$$\mathbf{4194296} := -4 - 1 - 9 + 4^{2+9} + 6$$
$$\mathbf{4194297} := -4 - 1 - 9 + 4^{2+9} + 7$$
$$\mathbf{4194298} := -4 - 1 - 9 + 4^{2+9} + 8$$
$$\mathbf{4194299} := -4 - 1 - 9 + 4^{2+9} + 9$$

$$\mathbf{4194380} := 4\times 19 + 4^{3+8} + 0$$
$$\mathbf{4194381} := 4\times 19 + 4^{3+8} + 1$$
$$\mathbf{4194382} := 4\times 19 + 4^{3+8} + 2$$
$$\mathbf{4194383} := 4\times 19 + 4^{3+8} + 3$$
$$\mathbf{4194384} := 4\times 19 + 4^{3+8} + 4$$
$$\mathbf{4194385} := 4\times 19 + 4^{3+8} + 5$$
$$\mathbf{4194386} := 4\times 19 + 4^{3+8} + 6$$
$$\mathbf{4194387} := 4\times 19 + 4^{3+8} + 7$$
$$\mathbf{4194388} := 4\times 19 + 4^{3+8} + 8$$
$$\mathbf{4194389} := 4\times 19 + 4^{3+8} + 9$$

$$\mathbf{4644860} := -4 + (6\times 4)^4 \times (8+6) + 0$$
$$\mathbf{4644861} := -4 + (6\times 4)^4 \times (8+6) + 1$$
$$\mathbf{4644862} := -4 + (6\times 4)^4 \times (8+6) + 2$$
$$\mathbf{4644863} := -4 + (6\times 4)^4 \times (8+6) + 3$$
$$\mathbf{4644864} := -4 + (6\times 4)^4 \times (8+6) + 4$$
$$\mathbf{4644865} := -4 + (6\times 4)^4 \times (8+6) + 5$$
$$\mathbf{4644866} := -4 + (6\times 4)^4 \times (8+6) + 6$$
$$\mathbf{4644867} := -4 + (6\times 4)^4 \times (8+6) + 7$$
$$\mathbf{4644868} := -4 + (6\times 4)^4 \times (8+6) + 8$$
$$\mathbf{4644869} := -4 + (6\times 4)^4 \times (8+6) + 9$$

$$\mathbf{4665200} := (-4 + 6^6)\times 5\times 20 + 0$$
$$\mathbf{4665201} := (-4 + 6^6)\times 5\times 20 + 1$$
$$\mathbf{4665202} := (-4 + 6^6)\times 5\times 20 + 2$$
$$\mathbf{4665203} := (-4 + 6^6)\times 5\times 20 + 3$$
$$\mathbf{4665204} := (-4 + 6^6)\times 5\times 20 + 4$$
$$\mathbf{4665205} := (-4 + 6^6)\times 5\times 20 + 5$$
$$\mathbf{4665206} := (-4 + 6^6)\times 5\times 20 + 6$$
$$\mathbf{4665207} := (-4 + 6^6)\times 5\times 20 + 7$$
$$\mathbf{4665208} := (-4 + 6^6)\times 5\times 20 + 8$$
$$\mathbf{4665209} := (-4 + 6^6)\times 5\times 20 + 9$$

$$\mathbf{4665600} := (4+6)\times 6^5 \times 60 + 0$$
$$\mathbf{4665601} := (4+6)\times 6^5 \times 60 + 1$$
$$\mathbf{4665602} := (4+6)\times 6^5 \times 60 + 2$$
$$\mathbf{4665603} := (4+6)\times 6^5 \times 60 + 3$$
$$\mathbf{4665604} := (4+6)\times 6^5 \times 60 + 4$$
$$\mathbf{4665605} := (4+6)\times 6^5 \times 60 + 5$$
$$\mathbf{4665606} := (4+6)\times 6^5 \times 60 + 6$$
$$\mathbf{4665607} := (4+6)\times 6^5 \times 60 + 7$$
$$\mathbf{4665608} := (4+6)\times 6^5 \times 60 + 8$$
$$\mathbf{4665609} := (4+6)\times 6^5 \times 60 + 9$$

$$\mathbf{4782970} := 4 + 7 - 8 - 2 + 9^7 + 0$$
$$\mathbf{4782971} := 4 + 7 - 8 - 2 + 9^7 + 1$$
$$\mathbf{4782972} := 4 + 7 - 8 - 2 + 9^7 + 2$$
$$\mathbf{4782973} := 4 + 7 - 8 - 2 + 9^7 + 3$$
$$\mathbf{4782974} := 4 + 7 - 8 - 2 + 9^7 + 4$$
$$\mathbf{4782975} := 4 + 7 - 8 - 2 + 9^7 + 5$$
$$\mathbf{4782976} := 4 + 7 - 8 - 2 + 9^7 + 6$$
$$\mathbf{4782977} := 4 + 7 - 8 - 2 + 9^7 + 7$$
$$\mathbf{4782978} := 4 + 7 - 8 - 2 + 9^7 + 8$$
$$\mathbf{4782979} := 4 + 7 - 8 - 2 + 9^7 + 9$$

$$\mathbf{5242850} := 5\times(-2 - 4 + (2\times 8)^5) + 0$$
$$\mathbf{5242851} := 5\times(-2 - 4 + (2\times 8)^5) + 1$$
$$\mathbf{5242852} := 5\times(-2 - 4 + (2\times 8)^5) + 2$$
$$\mathbf{5242853} := 5\times(-2 - 4 + (2\times 8)^5) + 3$$
$$\mathbf{5242854} := 5\times(-2 - 4 + (2\times 8)^5) + 4$$
$$\mathbf{5242855} := 5\times(-2 - 4 + (2\times 8)^5) + 5$$
$$\mathbf{5242856} := 5\times(-2 - 4 + (2\times 8)^5) + 6$$

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$5242857 := 5 \times (-2 - 4 + (2 \times 8)^5) + 7$
$5242858 := 5 \times (-2 - 4 + (2 \times 8)^5) + 8$
$5242859 := 5 \times (-2 - 4 + (2 \times 8)^5) + 9$

$5242860 := 5 \times (2 + 4^{2+8} - 6) + 0$
$5242861 := 5 \times (2 + 4^{2+8} - 6) + 1$
$5242862 := 5 \times (2 + 4^{2+8} - 6) + 2$
$5242863 := 5 \times (2 + 4^{2+8} - 6) + 3$
$5242864 := 5 \times (2 + 4^{2+8} - 6) + 4$
$5242865 := 5 \times (2 + 4^{2+8} - 6) + 5$
$5242866 := 5 \times (2 + 4^{2+8} - 6) + 6$
$5242867 := 5 \times (2 + 4^{2+8} - 6) + 7$
$5242868 := 5 \times (2 + 4^{2+8} - 6) + 8$
$5242869 := 5 \times (2 + 4^{2+8} - 6) + 9$

$5242880 := 5 \times 2^{4^2} \times (8 + 8) + 0$
$5242881 := 5 \times 2^{4^2} \times (8 + 8) + 1$
$5242882 := 5 \times 2^{4^2} \times (8 + 8) + 2$
$5242883 := 5 \times 2^{4^2} \times (8 + 8) + 3$
$5242884 := 5 \times 2^{4^2} \times (8 + 8) + 4$
$5242885 := 5 \times 2^{4^2} \times (8 + 8) + 5$
$5242886 := 5 \times 2^{4^2} \times (8 + 8) + 6$
$5242887 := 5 \times 2^{4^2} \times (8 + 8) + 7$
$5242888 := 5 \times 2^{4^2} \times (8 + 8) + 8$
$5242889 := 5 \times 2^{4^2} \times (8 + 8) + 9$

$5625720 := (5^6 + 2) \times 5 \times 72 + 0$
$5625721 := (5^6 + 2) \times 5 \times 72 + 1$
$5625722 := (5^6 + 2) \times 5 \times 72 + 2$
$5625723 := (5^6 + 2) \times 5 \times 72 + 3$
$5625724 := (5^6 + 2) \times 5 \times 72 + 4$
$5625725 := (5^6 + 2) \times 5 \times 72 + 5$
$5625726 := (5^6 + 2) \times 5 \times 72 + 6$
$5625727 := (5^6 + 2) \times 5 \times 72 + 7$
$5625728 := (5^6 + 2) \times 5 \times 72 + 8$
$5625729 := (5^6 + 2) \times 5 \times 72 + 9$

$5667630 := ((5 + 6)^6 + 7^6) \times 3 + 0$
$5667631 := ((5 + 6)^6 + 7^6) \times 3 + 1$
$5667632 := ((5 + 6)^6 + 7^6) \times 3 + 2$
$5667633 := ((5 + 6)^6 + 7^6) \times 3 + 3$
$5667634 := ((5 + 6)^6 + 7^6) \times 3 + 4$
$5667635 := ((5 + 6)^6 + 7^6) \times 3 + 5$
$5667636 := ((5 + 6)^6 + 7^6) \times 3 + 6$
$5667637 := ((5 + 6)^6 + 7^6) \times 3 + 7$
$5667638 := ((5 + 6)^6 + 7^6) \times 3 + 8$
$5667639 := ((5 + 6)^6 + 7^6) \times 3 + 9$

$5781250 := 5^7 \times (81 - 2 - 5) + 0$
$5781251 := 5^7 \times (81 - 2 - 5) + 1$
$5781252 := 5^7 \times (81 - 2 - 5) + 2$
$5781253 := 5^7 \times (81 - 2 - 5) + 3$
$5781254 := 5^7 \times (81 - 2 - 5) + 4$
$5781255 := 5^7 \times (81 - 2 - 5) + 5$
$5781256 := 5^7 \times (81 - 2 - 5) + 6$
$5781257 := 5^7 \times (81 - 2 - 5) + 7$
$5781258 := 5^7 \times (81 - 2 - 5) + 8$
$5781259 := 5^7 \times (81 - 2 - 5) + 9$

$6718140 := (6^{7+1} - 81) \times 4 + 0$
$6718141 := (6^{7+1} - 81) \times 4 + 1$
$6718142 := (6^{7+1} - 81) \times 4 + 2$
$6718143 := (6^{7+1} - 81) \times 4 + 3$
$6718144 := (6^{7+1} - 81) \times 4 + 4$
$6718145 := (6^{7+1} - 81) \times 4 + 5$
$6718146 := (6^{7+1} - 81) \times 4 + 6$
$6718147 := (6^{7+1} - 81) \times 4 + 7$
$6718148 := (6^{7+1} - 81) \times 4 + 8$
$6718149 := (6^{7+1} - 81) \times 4 + 9$

$6718440 := (6^7 - 1) \times (8 + 4 \times 4) + 0$
$6718441 := (6^7 - 1) \times (8 + 4 \times 4) + 1$
$6718442 := (6^7 - 1) \times (8 + 4 \times 4) + 2$
$6718443 := (6^7 - 1) \times (8 + 4 \times 4) + 3$
$6718444 := (6^7 - 1) \times (8 + 4 \times 4) + 4$

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$$\mathbf{6718445} := (6^7-1)\times(8+4\times 4)+5$$
$$\mathbf{6718446} := (6^7-1)\times(8+4\times 4)+6$$
$$\mathbf{6718447} := (6^7-1)\times(8+4\times 4)+7$$
$$\mathbf{6718448} := (6^7-1)\times(8+4\times 4)+8$$
$$\mathbf{6718449} := (6^7-1)\times(8+4\times 4)+9$$

$$\mathbf{6718480} := (6+(7-1)^8)\times 4-8+0$$
$$\mathbf{6718481} := (6+(7-1)^8)\times 4-8+1$$
$$\mathbf{6718482} := (6+(7-1)^8)\times 4-8+2$$
$$\mathbf{6718483} := (6+(7-1)^8)\times 4-8+3$$
$$\mathbf{6718484} := (6+(7-1)^8)\times 4-8+4$$
$$\mathbf{6718485} := (6+(7-1)^8)\times 4-8+5$$
$$\mathbf{6718486} := (6+(7-1)^8)\times 4-8+6$$
$$\mathbf{6718487} := (6+(7-1)^8)\times 4-8+7$$
$$\mathbf{6718488} := (6+(7-1)^8)\times 4-8+8$$
$$\mathbf{6718489} := (6+(7-1)^8)\times 4-8+9$$

$$\mathbf{6765140} := -67+6+51^4+0$$
$$\mathbf{6765141} := -67+6+51^4+1$$
$$\mathbf{6765142} := -67+6+51^4+2$$
$$\mathbf{6765143} := -67+6+51^4+3$$
$$\mathbf{6765144} := -67+6+51^4+4$$
$$\mathbf{6765145} := -67+6+51^4+5$$
$$\mathbf{6765146} := -67+6+51^4+6$$
$$\mathbf{6765147} := -67+6+51^4+7$$
$$\mathbf{6765148} := -67+6+51^4+8$$
$$\mathbf{6765149} := -67+6+51^4+9$$

$$\mathbf{7529560} := (7+5)\times 2+(9+5)^6+0$$
$$\mathbf{7529561} := (7+5)\times 2+(9+5)^6+1$$
$$\mathbf{7529562} := (7+5)\times 2+(9+5)^6+2$$
$$\mathbf{7529563} := (7+5)\times 2+(9+5)^6+3$$
$$\mathbf{7529564} := (7+5)\times 2+(9+5)^6+4$$
$$\mathbf{7529565} := (7+5)\times 2+(9+5)^6+5$$
$$\mathbf{7529566} := (7+5)\times 2+(9+5)^6+6$$
$$\mathbf{7529567} := (7+5)\times 2+(9+5)^6+7$$
$$\mathbf{7529568} := (7+5)\times 2+(9+5)^6+8$$
$$\mathbf{7529569} := (7+5)\times 2+(9+5)^6+9$$

$$\mathbf{7864320} := (7+8)\times 64^3\times 2+0$$
$$\mathbf{7864321} := (7+8)\times 64^3\times 2+1$$
$$\mathbf{7864322} := (7+8)\times 64^3\times 2+2$$
$$\mathbf{7864323} := (7+8)\times 64^3\times 2+3$$
$$\mathbf{7864324} := (7+8)\times 64^3\times 2+4$$
$$\mathbf{7864325} := (7+8)\times 64^3\times 2+5$$
$$\mathbf{7864326} := (7+8)\times 64^3\times 2+6$$
$$\mathbf{7864327} := (7+8)\times 64^3\times 2+7$$
$$\mathbf{7864328} := (7+8)\times 64^3\times 2+8$$
$$\mathbf{7864329} := (7+8)\times 64^3\times 2+9$$

$$\mathbf{7864650} := (7+8^6+4)\times 6\times 5+0$$
$$\mathbf{7864651} := (7+8^6+4)\times 6\times 5+1$$
$$\mathbf{7864652} := (7+8^6+4)\times 6\times 5+2$$
$$\mathbf{7864653} := (7+8^6+4)\times 6\times 5+3$$
$$\mathbf{7864654} := (7+8^6+4)\times 6\times 5+4$$
$$\mathbf{7864655} := (7+8^6+4)\times 6\times 5+5$$
$$\mathbf{7864656} := (7+8^6+4)\times 6\times 5+6$$
$$\mathbf{7864657} := (7+8^6+4)\times 6\times 5+7$$
$$\mathbf{7864658} := (7+8^6+4)\times 6\times 5+8$$
$$\mathbf{7864659} := (7+8^6+4)\times 6\times 5+9$$

$$\mathbf{8066448} := (806\times(((6+4)^4)+8))$$
$$\mathbf{8067520} := 80\times(6\times 7^5+2)+0$$
$$\mathbf{8067521} := 80\times(6\times 7^5+2)+1$$
$$\mathbf{8067522} := 80\times(6\times 7^5+2)+2$$
$$\mathbf{8067523} := 80\times(6\times 7^5+2)+3$$
$$\mathbf{8067524} := 80\times(6\times 7^5+2)+4$$
$$\mathbf{8067525} := 80\times(6\times 7^5+2)+5$$
$$\mathbf{8067526} := 80\times(6\times 7^5+2)+6$$
$$\mathbf{8067527} := 80\times(6\times 7^5+2)+7$$
$$\mathbf{8067528} := 80\times(6\times 7^5+2)+8$$
$$\mathbf{8067529} := 80\times(6\times 7^5+2)+9$$

$$\mathbf{8388560} := 8\times((3\times 8-8)^5-6)+0$$
$$\mathbf{8388561} := 8\times((3\times 8-8)^5-6)+1$$
$$\mathbf{8388562} := 8\times((3\times 8-8)^5-6)+2$$

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$8388563 := 8 \times ((3 \times 8 - 8)^5 - 6) + 3$
$8388564 := 8 \times ((3 \times 8 - 8)^5 - 6) + 4$
$8388565 := 8 \times ((3 \times 8 - 8)^5 - 6) + 5$
$8388566 := 8 \times ((3 \times 8 - 8)^5 - 6) + 6$
$8388567 := 8 \times ((3 \times 8 - 8)^5 - 6) + 7$
$8388568 := 8 \times ((3 \times 8 - 8)^5 - 6) + 8$
$8388569 := 8 \times ((3 \times 8 - 8)^5 - 6) + 9$

$8388600 := -8 + 3 \times 8^8/6 + 00$
$8388601 := -8 + 3 \times 8^8/6 + 01$
$8388602 := -8 + 3 \times 8^8/6 + 02$
$8388603 := -8 + 3 \times 8^8/6 + 03$
$8388604 := -8 + 3 \times 8^8/6 + 04$
$8388605 := -8 + 3 \times 8^8/6 + 05$
$8388606 := -8 + 3 \times 8^8/6 + 06$
$8388607 := -8 + 3 \times 8^8/6 + 07$
$8388608 := -8 + 3 \times 8^8/6 + 08$
$8388609 := -8 + 3 \times 8^8/6 + 09$
$8388610 := -8 + 3 \times 8^8/6 + 10$
$8388611 := -8 + 3 \times 8^8/6 + 11$
$8388612 := -8 + 3 \times 8^8/6 + 12$
$8388613 := -8 + 3 \times 8^8/6 + 13$
$8388614 := -8 + 3 \times 8^8/6 + 14$
$8388615 := -8 + 3 \times 8^8/6 + 15$
$8388616 := -8 + 3 \times 8^8/6 + 16$
$8388617 := -8 + 3 \times 8^8/6 + 17$
$8388618 := -8 + 3 \times 8^8/6 + 18$
$8388619 := -8 + 3 \times 8^8/6 + 19$
$8388620 := -8 + 3 \times 8^8/6 + 20$
$8388621 := -8 + 3 \times 8^8/6 + 21$
$8388622 := -8 + 3 \times 8^8/6 + 22$
$8388623 := -8 + 3 \times 8^8/6 + 23$
$8388624 := -8 + 3 \times 8^8/6 + 24$
$8388625 := -8 + 3 \times 8^8/6 + 25$
$8388626 := -8 + 3 \times 8^8/6 + 26$
$8388627 := -8 + 3 \times 8^8/6 + 27$
$8388628 := -8 + 3 \times 8^8/6 + 28$
$8388629 := -8 + 3 \times 8^8/6 + 29$
$8388630 := -8 + 3 \times 8^8/6 + 30$
$8388631 := -8 + 3 \times 8^8/6 + 31$
$8388632 := -8 + 3 \times 8^8/6 + 32$
$8388633 := -8 + 3 \times 8^8/6 + 33$
$8388634 := -8 + 3 \times 8^8/6 + 34$
$8388635 := -8 + 3 \times 8^8/6 + 35$
$8388636 := -8 + 3 \times 8^8/6 + 36$
$8388637 := -8 + 3 \times 8^8/6 + 37$
$8388638 := -8 + 3 \times 8^8/6 + 38$
$8388639 := -8 + 3 \times 8^8/6 + 39$
$8388640 := -8 + 3 \times 8^8/6 + 40$
$8388641 := -8 + 3 \times 8^8/6 + 41$
$8388642 := -8 + 3 \times 8^8/6 + 42$
$8388643 := -8 + 3 \times 8^8/6 + 43$
$8388644 := -8 + 3 \times 8^8/6 + 44$
$8388645 := -8 + 3 \times 8^8/6 + 45$
$8388646 := -8 + 3 \times 8^8/6 + 46$
$8388647 := -8 + 3 \times 8^8/6 + 47$
$8388648 := -8 + 3 \times 8^8/6 + 48$
$8388649 := -8 + 3 \times 8^8/6 + 49$
$8388650 := -8 + 3 \times 8^8/6 + 50$
$8388651 := -8 + 3 \times 8^8/6 + 51$
$8388652 := -8 + 3 \times 8^8/6 + 52$
$8388653 := -8 + 3 \times 8^8/6 + 53$
$8388654 := -8 + 3 \times 8^8/6 + 54$
$8388655 := -8 + 3 \times 8^8/6 + 55$
$8388656 := -8 + 3 \times 8^8/6 + 56$
$8388657 := -8 + 3 \times 8^8/6 + 57$
$8388658 := -8 + 3 \times 8^8/6 + 58$
$8388659 := -8 + 3 \times 8^8/6 + 59$
$8388660 := -8 + 3 \times 8^8/6 + 60$
$8388661 := -8 + 3 \times 8^8/6 + 61$
$8388662 := -8 + 3 \times 8^8/6 + 62$
$8388663 := -8 + 3 \times 8^8/6 + 63$
$8388664 := -8 + 3 \times 8^8/6 + 64$

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$8388665 := -8+3\times 8^8/6+65$
$8388666 := -8+3\times 8^8/6+66$
$8388667 := -8+3\times 8^8/6+67$
$8388668 := -8+3\times 8^8/6+68$
$8388669 := -8+3\times 8^8/6+69$
$8388670 := -8+3\times 8^8/6+70$
$8388671 := -8+3\times 8^8/6+71$
$8388672 := -8+3\times 8^8/6+72$
$8388673 := -8+3\times 8^8/6+73$
$8388674 := -8+3\times 8^8/6+74$
$8388675 := -8+3\times 8^8/6+75$
$8388676 := -8+3\times 8^8/6+76$
$8388677 := -8+3\times 8^8/6+77$
$8388678 := -8+3\times 8^8/6+78$
$8388679 := -8+3\times 8^8/6+79$
$8388680 := -8+3\times 8^8/6+80$
$8388681 := -8+3\times 8^8/6+81$
$8388682 := -8+3\times 8^8/6+82$
$8388683 := -8+3\times 8^8/6+83$
$8388684 := -8+3\times 8^8/6+84$
$8388685 := -8+3\times 8^8/6+85$
$8388686 := -8+3\times 8^8/6+86$
$8388687 := -8+3\times 8^8/6+87$
$8388688 := -8+3\times 8^8/6+88$
$8388689 := -8+3\times 8^8/6+89$
$8388690 := -8+3\times 8^8/6+90$
$8388691 := -8+3\times 8^8/6+91$
$8388692 := -8+3\times 8^8/6+92$
$8388693 := -8+3\times 8^8/6+93$
$8388694 := -8+3\times 8^8/6+94$
$8388695 := -8+3\times 8^8/6+95$
$8388696 := -8+3\times 8^8/6+96$
$8388697 := -8+3\times 8^8/6+97$
$8388698 := -8+3\times 8^8/6+98$
$8388699 := -8+3\times 8^8/6+99$

$8389120 := 8^3+8^{9-1}/2+0$
$8389121 := 8^3+8^{9-1}/2+1$
$8389122 := 8^3+8^{9-1}/2+2$
$8389123 := 8^3+8^{9-1}/2+3$
$8389124 := 8^3+8^{9-1}/2+4$
$8389125 := 8^3+8^{9-1}/2+5$
$8389126 := 8^3+8^{9-1}/2+6$
$8389127 := 8^3+8^{9-1}/2+7$
$8389128 := 8^3+8^{9-1}/2+8$
$8389129 := 8^3+8^{9-1}/2+9$

$8454240 := 8\times((4^5+4)^2-4)+0$
$8454241 := 8\times((4^5+4)^2-4)+1$
$8454242 := 8\times((4^5+4)^2-4)+2$
$8454243 := 8\times((4^5+4)^2-4)+3$
$8454244 := 8\times((4^5+4)^2-4)+4$
$8454245 := 8\times((4^5+4)^2-4)+5$
$8454246 := 8\times((4^5+4)^2-4)+6$
$8454247 := 8\times((4^5+4)^2-4)+7$
$8454248 := 8\times((4^5+4)^2-4)+8$
$8454249 := 8\times((4^5+4)^2-4)+9$

$8454280 := 8+(4^5+4)^2\times 8+0$
$8454281 := 8+(4^5+4)^2\times 8+1$
$8454282 := 8+(4^5+4)^2\times 8+2$
$8454283 := 8+(4^5+4)^2\times 8+3$
$8454284 := 8+(4^5+4)^2\times 8+4$
$8454285 := 8+(4^5+4)^2\times 8+5$
$8454286 := 8+(4^5+4)^2\times 8+6$
$8454287 := 8+(4^5+4)^2\times 8+7$
$8454288 := 8+(4^5+4)^2\times 8+8$
$8454289 := 8+(4^5+4)^2\times 8+9$

$9436860 := 9\times 4\times(-3-6+8^6)+0$
$9436861 := 9\times 4\times(-3-6+8^6)+1$
$9436862 := 9\times 4\times(-3-6+8^6)+2$
$9436863 := 9\times 4\times(-3-6+8^6)+3$
$9436864 := 9\times 4\times(-3-6+8^6)+4$
$9436865 := 9\times 4\times(-3-6+8^6)+5$

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$$\mathbf{9436866} := 9\times 4\times(-3-6+8^6)+6$$
$$\mathbf{9436867} := 9\times 4\times(-3-6+8^6)+7$$
$$\mathbf{9436868} := 9\times 4\times(-3-6+8^6)+8$$
$$\mathbf{9436869} := 9\times 4\times(-3-6+8^6)+9$$

$$\mathbf{9437220} := 9\times(4^{3+7}+2+2)+0$$
$$\mathbf{9437221} := 9\times(4^{3+7}+2+2)+1$$
$$\mathbf{9437222} := 9\times(4^{3+7}+2+2)+2$$
$$\mathbf{9437223} := 9\times(4^{3+7}+2+2)+3$$
$$\mathbf{9437224} := 9\times(4^{3+7}+2+2)+4$$
$$\mathbf{9437225} := 9\times(4^{3+7}+2+2)+5$$
$$\mathbf{9437226} := 9\times(4^{3+7}+2+2)+6$$
$$\mathbf{9437227} := 9\times(4^{3+7}+2+2)+7$$
$$\mathbf{9437228} := 9\times(4^{3+7}+2+2)+8$$
$$\mathbf{9437229} := 9\times(4^{3+7}+2+2)+9$$

$$\mathbf{9437440} := 9\times 4^{3+7}+4^4+0$$
$$\mathbf{9437441} := 9\times 4^{3+7}+4^4+1$$
$$\mathbf{9437442} := 9\times 4^{3+7}+4^4+2$$
$$\mathbf{9437443} := 9\times 4^{3+7}+4^4+3$$
$$\mathbf{9437444} := 9\times 4^{3+7}+4^4+4$$
$$\mathbf{9437445} := 9\times 4^{3+7}+4^4+5$$
$$\mathbf{9437446} := 9\times 4^{3+7}+4^4+6$$
$$\mathbf{9437447} := 9\times 4^{3+7}+4^4+7$$
$$\mathbf{9437448} := 9\times 4^{3+7}+4^4+8$$
$$\mathbf{9437449} := 9\times 4^{3+7}+4^4+9$$

2.3 General Representations

Below are selfie numbers in a general way. The appearing in above two subsections 2.1 and 2.2 are excluded from the list below.

$$\mathbf{127} := -1+2^7$$
$$\mathbf{343} := (3+4)^3$$
$$\mathbf{736} := 7+3^6$$

$$\mathbf{1285} := (1+2^8)\times 5$$
$$\mathbf{2187} := (2+1^8)^7$$
$$\mathbf{2502} := 2+50^2$$
$$\mathbf{2737} := (2\times 7)^3-7$$
$$\mathbf{3125} := (3\times 1+2)^5$$
$$\mathbf{3685} := (3^6+8)\times 5$$
$$\mathbf{3864} := 3\times(-8+6^4)$$
$$\mathbf{3972} := 3+(9\times 7)^2$$
$$\mathbf{4096} := 4^{0\times 9+6}$$
$$\mathbf{6455} := (6^4-5)\times 5$$

$$\mathbf{11264} := 11\times 2^{6+4}$$
$$\mathbf{11664} := (1-1+6)^6/4$$
$$\mathbf{12850} := (1+2^8)\times 50$$
$$\mathbf{13825} := 1+(3\times 8)^{-2+5}$$

$$\mathbf{14641} := (1+4+6)^4\times 1$$
$$\mathbf{15552} := (1^5+5)^5\times 2$$
$$\mathbf{15585} := (1\times 5^5-8)\times 5$$
$$\mathbf{15612} := -1+5^6+12$$
$$\mathbf{15613} := 1+5^6-13$$
$$\mathbf{15617} := 1\times 5^6-1-7$$
$$\mathbf{15618} := 1\times 5^6+1-8$$
$$\mathbf{15621} := -1+5^6+2-1$$
$$\mathbf{15622} := 1+5^6-2-2$$
$$\mathbf{15623} := -1+5^6+2-3$$
$$\mathbf{15624} := 1+5^6+2-4$$
$$\mathbf{15626} := 1+5^{6\times 2-6}$$
$$\mathbf{15632} := 1+5^6+3\times 2$$
$$\mathbf{15633} := -1+5^6+3\times 3$$
$$\mathbf{15642} := 1+5^6+4^2$$
$$\mathbf{15645} := 1\times 5^6+4\times 5$$
$$\mathbf{15655} := 1\times 5\times(6+5^5)$$
$$\mathbf{15656} := 1+5^6+5\times 6$$
$$\mathbf{15662} := 1+5^6+6^2$$

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$15667 := 1 \times 5^6 + 6 \times 7$
$15688 := -1 + 5^6 + 8 \times 8$
$15698 := 1 + 5^6 + 9 \times 8$
$16377 := (1^6 + 3)^7 - 7$
$16384 := (1^6 + 3)^8/4$
$16447 := -1 + 64 + 4^7$
$16875 := 1 \times 68 + 7^5$
$17536 := 1 \times 7^5 + 3^6$
$18432 := 18 \times 4^{3+2}$
$19453 := 19 \times 4^5 - 3$
$19683 := (1 \times 9 - 6)^8 \times 3$
$19739 := (-1 + 9) \times 7 + 3^9$
$24546 := (2 + 4) \times (-5 + 4^6)$
$24576 := (-2 + 4)^{5+7} \times 6$
$27639 := 2^7 \times 6^3 - 9$
$28224 := (2 + 82)^2 \times 4$
$28559 := -2 + (8 + 5)^{-5+9}$
$29282 := 2 \times (9 + 2)^{8/2}$
$29524 := (2 \times 9^5 - 2)/4$
$32759 := (3 - 2 + 7)^5 - 9$
$32765 := -3 + (2 \times 7 - 6)^5$
$32768 := (3 - 2 + 7)^6/8$
$32771 := 3 + 2^{7+7+1}$
$32785 := 3 + 2 \times 7 + 8^5$
$36850 := (3^6 + 8) \times 50$
$37179 := 3^7 \times (1 + 7 + 9)$
$38856 := (3^8 - 85) \times 6$
$39283 := 3^9 \times 2 - 83$
$39342 := (3^9 - 3 \times 4) \times 2$
$39343 := 39 + 34^3$
$39358 := 3^9 \times (-3 + 5) - 8$
$39363 := 3^9/3 \times 6 - 3$
$39366 := 3^9 \times (3 - 6/6)$
$39369 := 3 + 9^3 \times 6 \times 9$
$39372 := (3 + 9 \times 3^7) \times 2$
$39382 := ((3 \times 9)^3 + 8) \times 2$
$43775 := (4 \times 3^7 + 7) \times 5$
$45632 := -4^5 + 6^{3 \times 2}$
$45927 := ((4 + 5) \times 9)^2 \times 7$
$45947 := 4 \times 5 + 9^4 \times 7$
$46626 := -4 + 6^6 - 26$
$46630 := 4 + 6^6 - 30$
$46632 := -4 \times 6 + 6^{3 \times 2}$
$46633 := 4 + 6^6 - 3^3$
$46644 := 4 + 6^6 - 4 \times 4$
$46648 := 4 + 6^6 - 4 - 8$
$46651 := -4 + 6 \times 6^5 - 1$
$46652 := -4 + (6 \times 6)^{5-2}$
$46655 := 4 + 6 \times 6^5 - 5$
$46656 := ((4 \times 6 + 6)/5)^6$
$46660 := 4 + 6^6 + 6 \times 0$
$46663 := 4 + 6^6 + 6 - 3$
$46673 := -4 + 6^6 + 7 \times 3$
$46684 := -4 + 6^6 + 8 \times 4$
$46688 := (4 + 6^6/8) \times 8$
$52488 := (5 + 2 - 4)^8 \times 8$
$59052 := 5 + 9^{05} - 2$
$63945 := 63 \times (-9 + 4^5)$
$64550 := (6^4 - 5) \times 50$
$65471 := -65 + 4^{7+1}$
$66339 := (6 \times 6)^3 + 3^9$
$67234 := 6 + 7^{2+3} \times 4$
$69984 := 6^{-9/9+8}/4$
$98415 := 9^{8-4} \times 15$

$103823 := (-1 + (03 \times 8) \times 2)^3$
$114244 := (1 + 14 - 2)^4 \times 4$
$116565 := (1 - 16) \times (5 - 6^5)$
$117128 := 11^{(7+1)/2} \times 8$
$117396 := (-117 + 3^9) \times 6$
$117476 := 1 - 174 + 7^6$
$117571 := (-11 + 7^5) \times 7 + 1$

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117576 $:= 1+1-75+7^6$
117587 $:= 1+(-1+7^5-8)\times 7$
117597 $:= 11+(7^5-9)\times 7$
117619 $:= -11+7^6-19$
117624 $:= -1+1\times 7^6+24$
117625 $:= 1+1\times 7^6-25$
117626 $:= -11+7^6-2\times 6$
117628 $:= -11+7^6-2-8$
117629 $:= -1-1+7^6-2\times 9$
117630 $:= 11+7^6-30$
117632 $:= -11+7^6-3\times 2$
117633 $:= 11+7^6-3^3$
117635 $:= 1+1\times 7^6-3\times 5$
117637 $:= -1-1+7^6-3-7$
117638 $:= (1-1+7)^6-3-8$
117639 $:= 1+1+7^6-3-9$
117641 $:= -11+7^6+4-1$
117642 $:= 1+1\times 7^6-4\times 2$
117643 $:= 1+1\times 7^6-4-3$
117644 $:= 11+7^6-4\times 4$
117646 $:= -1+1\times 7^6+4-6$
117647 $:= 1+1\times 7^6+4-7$
117648 $:= 11+7^6-4-8$
117650 $:= 1+1\times 7^6+5\times 0$
117651 $:= -1-1+7^6+5-1$
117652 $:= (1-1+7)^6+5-2$
117653 $:= 1+1+7^6+5-3$
117655 $:= (1+(1+7^6)/5)\times 5$
117660 $:= 11+7^6+6\times 0$
117662 $:= 1+1\times 7^6+6\times 2$
117663 $:= 11+7^6+6-3$
117686 $:= -11+7^6+8\times 6$
117695 $:= 1+1\times 7^6+9\times 5$
117763 $:= 117+7^6-3$
117777 $:= (1+1)^7+7^7/7$
118328 $:= (1+(-1+8)^3)^2-8$
124386 $:= (12^4+3-8)\times 6$
124416 $:= ((1+2)\times 4)^4\times 1\times 6$
125003 $:= 1+2+50^{03}$
125012 $:= 12+50^{1+2}$
128500 $:= (1+2^8)\times 500$
129283 $:= (-1+2^9)\times(2^8-3)$
131071 $:= (-1+3)^{10+7}-1$
131072 $:= (1+3)^{1+07}\times 2$
134456 $:= (1\times 3+4)^4\times 56$
136162 $:= 1+(3+61\times 6)^2$
137718 $:= (-1+3^7)\times(71-8)$
137772 $:= (-1+3^7\times 7)\times(7+2)$
137781 $:= 1\times 3^7\times 7\times(8+1)$
137839 $:= -1+3+7\times(8+3^9)$
137948 $:= -1+3\times 7\times(9^4+8)$
139965 $:= -1\times 3+(9+9)\times 6^5$
139966 $:= 1-3\times(9/9-6^6)$
146410 $:= (1+4+6)^4\times 10$
146461 $:= (1^4+6)^4\times 61$
147249 $:= (1+4^7-24)\times 9$
147349 $:= 1+(4^7-3\times 4)\times 9$
147419 $:= -1+(4^7-4\times 1)\times 9$
147429 $:= -1+(4^7-4+2)\times 9$
147447 $:= (-1+4^7)\times(4\times 4-7)$
147453 $:= 1\times 4^7\times(4+5)-3$
147455 $:= -1+4^7\times 45/5$
147491 $:= 1\times(4^7+4)\times 9-1$
147519 $:= (1+4^7+5+1)\times 9$
155520 $:= (1^5+5)^5\times 20$
155850 $:= 1\times(5^5-8)\times 50$
156225 $:= (-1+(5^6-2)\times 2)\times 5$
156235 $:= 1\times(5^6\times 2-3)\times 5$
156245 $:= (-1+5^6\times(-2+4))\times 5$
156249 $:= -1+5^6\times 2\times(-4+9)$
156275 $:= ((-1+5^6)\times 2+7)\times 5$
156285 $:= (-1+5^6\times 2+8)\times 5$

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156295 $:= (1 \times 5^6 \times 2 + 9) \times 5$
157463 $:= -1 + ((5 + 7) \times 4 + 6)^3$
158466 $:= (15 - 8)^4 \times 66$
161051 $:= (1^6 + 10)^5 \times 1$
163835 $:= (-1 + (-6 + 38)^3) \times 5$
163855 $:= (1^6 \times 3 + 8^5) \times 5$
163875 $:= (16^3 \times 8 + 7) \times 5$
167286 $:= (167^2 - 8) \times 6$
175232 $:= (-1 + 75)^2 \times 32$
175274 $:= 1 + (75 - 2) \times 7^4$
176466 $:= (-1 + 7^6)/4 \times 6 - 6$
176472 $:= (1 - 7^6) \times (4 - 7)/2$
177147 $:= (1 + 7/7 + 1)^{4+7}$
182476 $:= (1 + 8 - 2)^4 \times 76$
184275 $:= (-1 + 8^4) \times (2 + 7) \times 5$
184325 $:= (1 + 8^4 \times 3^2) \times 5$
184329 $:= (1 + 8^4) \times (3 + 2) \times 9$
184335 $:= (1 + 8^4 \times 3) \times (3 \times 5)$
184365 $:= (1 + 8^4) \times (3 + 6) \times 5$
184495 $:= (-1 + (8^4 + 4) \times 9) \times 5$
184545 $:= (1 \times 8^4 + 5) \times 45$
184877 $:= (-1 + 8)^{-4+8} \times 77$
185193 $:= ((1 \times 8 - 5) \times 19)^3$
186615 $:= -1 - 8 + 6^6 \times (-1 + 5)$
186622 $:= 1 \times 8 \times 6^6/2 - 2$
186624 $:= 1 \times 8 + (6^6 - 2) \times 4$
186631 $:= -1 + 8 + 6^6 \times (3 + 1)$
186641 $:= 18 + 6^6 \times 4 - 1$
186642 $:= (1 + 8) \times ((6 + 6)^4 + 2)$
186644 $:= (1 + 8 + 6^6 - 4) \times 4$
186646 $:= (-1 + 8 + 6^6) \times 4 + 6$
186648 $:= (1 \times 8 + 6^6) \times 4 - 8$
186684 $:= (-1 + 8 + 6^6 + 8) \times 4$
187278 $:= ((-1 + 8) \times 7)^2 \times 78$
196608 $:= (-1 + 9)^6 \times 6/08$
196830 $:= (1 \times 9 - 6)^8 \times 30$
209944 $:= 2 \times ((09 + 9)^4 - 4)$
209946 $:= 2 \times (09 + 9)^4 - 6$
209952 $:= (2 \times 09)^{9-5} \times 2$
210125 $:= (2^{10} + 1)^2/5$
216003 $:= 2 + 1 + 60^{03}$
216021 $:= 21 + 60^{2+1}$
218491 $:= (-2 + 1 + 8)^4 \times 91$
227529 $:= (22 \times 7 + 5)^2 \times 9$
229373 $:= 2^{2\times9-3} \times 7 - 3$
229378 $:= 2 + 2^{9+3} \times 7 \times 8$
232324 $:= (-2 + 3^{2+3})^2 \times 4$
233255 $:= ((2 \times 3)^{3\times2} - 5) \times 5$
234224 $:= 2 - 34 + 22^4$
234248 $:= ((2 + 3) \times 4 + 2)^4 - 8$
234254 $:= -2 + (34/2 + 5)^4$
234264 $:= 2^3 + (4^2 + 6)^4$
234375 $:= (2 + 3)^4 \times 375$
234377 $:= 2 + 3 \times (4 \times 3 - 7)^7$
235296 $:= -2 + (-3 + 5) \times (-2 + 9)^6$
235768 $:= 2 \times (3^5 + 7^6 - 8)$
236194 $:= -2 + 36 \times 1 \times 9^4$
236196 $:= 2 \times 3^{6+1} \times 9 \times 6$
236764 $:= 2 \times (3^6 + 7^6 + 4)$
238648 $:= 23 \times (8 + 6^4 \times 8)$
245760 $:= (-2 + 4)^{5+7} \times 60$
247167 $:= -2 \times 4^7 - 1 + 6^7$
249318 $:= (2 + 4 \times 9) \times (3 \times 1)^8$
250002 $:= 2 + 500^{02}$
252928 $:= 2^{5\times2} \times (-9 + 2^8)$
253135 $:= (2 + (5 \times 3)^{1+3}) \times 5$
255886 $:= -2 \times 5^5 - 8 + 8^6$
257049 $:= (2^5 + 7)^{04}/9$
259549 $:= -2595 + 4^9$
261883 $:= -261 + (8 \times 8)^3$
262118 $:= -26 + (2 \times 1)^{18}$
262122 $:= 2^{6\times(2+1)} - 22$

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262128 $:= 2^{6\times(2+1)} - 2\times 8$
262136 $:= -2-6+(2\times 1)^{3\times 6}$
262137 $:= (2+62\times 1)^3 - 7$
262139 $:= -2-6/2+(1+3)^9$
262156 $:= 2\times 6+(2+1+5)^6$
262176 $:= 2^6/2+(1+7)^6$
262196 $:= 26\times 2+(-1+9)^6$
262286 $:= (2\times 6)^2 - 2 + 8^6$
262438 $:= -2+(6^2+4)\times 3^8$
263866 $:= (2\times 6)^3 + 8^6 - 6$
265617 $:= -2-6+5^6\times 17$
265689 $:= 2^6+5^6\times(8+9)$
266565 $:= (2^{6+6}+5)\times 65$
268321 $:= -2+(6+8^3)^2-1$
268323 $:= 2+(6+8^3)^2-3$
268324 $:= (2\times(6+8^3))^2/4$
273375 $:= (2+7)^3\times 375$
274623 $:= -2+(7-4+62)^3$
275686 $:= (2\times 7)^5+6-8^6$
279666 $:= ((2-7)\times 9+6^6)\times 6$
279841 $:= (2\times 7+9)^{8-4}\times 1$
279867 $:= 2-79+8+6^7$
279934 $:= -2+(7-9/9)^{3+4}$
279936 $:= ((2-7+9)\times 9)^3\times 6$
279937 $:= (2+7)/9+(9-3)^7$
279967 $:= 279/9+6^7$
282240 $:= (2+82)^2\times 40$
287496 $:= ((2+8)\times 7-4)^{9-6}$
289536 $:= 2^8\times(9\times 5^3+6)$
291602 $:= 2+(9\times 1\times 60)^2$
294778 $:= 2\times 9\times(4^7-7)-8$
294782 $:= -2+94\times(7\times 8)^2$
294829 $:= -2+(-9+4^8/2)\times 9$
294838 $:= -2+9\times((4\times 8)^3-8)$
294894 $:= 2\times(-9+4^8\times 9/4)$
294895 $:= (2+(9^4-8)\times 9)\times 5$
294912 $:= 2\times 9\times 4^{9\times 1-2}$
294928 $:= 2\times(9\times 4^{9-2}+8)$
295195 $:= (-2+9^5+1-9)\times 5$
295235 $:= (-2+9^5)\times(-2+3)\times 5$
295243 $:= -2+9^5\times(-2+4+3)$
295245 $:= (2+9^5+2-4)\times 5$
295247 $:= 2+9^5\times(2-4+7)$
295255 $:= (2+9^5)\times 25/5$
295285 $:= (2+9^5-2+8)\times 5$
295465 $:= (-2+9^5+46)\times 5$
295505 $:= (2+9^5+50)\times 5$
296346 $:= ((-2+9)\times 6)^3\times 4-6$
296384 $:= (((-2+9)\times 6)^3+8)\times 4$
299575 $:= (2^9+9)\times 575$
314431 $:= ((3+14)\times 4)^3-1$
325125 $:= ((3+2)\times 51)^2\times 5$
326557 $:= (3\times 2\times 6^5-5)\times 7$
326586 $:= 3\times(-2+6^5\times(8+6))$
326592 $:= (3\times 2)^6\times(5+9)/2$
326617 $:= 32+(6^6-1)\times 7$
326634 $:= ((3\times 2)^6+6)\times(3+4)$
326697 $:= ((3\times 2)^6+6+9)\times 7$
327485 $:= (-32-7+4^8)\times 5$
331683 $:= 3\times(-31+(6\times 8)^3)$
331773 $:= -3+(31-7)^{7-3}$
347736 $:= 3+477\times 3^6$
351232 $:= (3+51+2)^3\times 2$
352926 $:= 3\times(-5-2+(9-2)^6)$
352932 $:= 3\times(-5+(-2+9)^{3\times 2})$
352947 $:= 3\times(5+2)^{9+4-7}$
352961 $:= 3\times(5+(-2+9)^6)-1$
354276 $:= (-3+(5+4)^{-2+7})\times 6$
354277 $:= ((3\times 5)^4-2\times 7)\times 7$
354292 $:= 3^{5+4}\times 2\times 9-2$
354294 $:= 3\times(5+4)\times 2\times 9^4$
354627 $:= ((3\times 5)^4+6^2)\times 7$

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360855 $:= 3^{6\times 0+8} \times 55$
367272 $:= (3^6 \times 7 - 2) \times 72$
368500 $:= (3^6 + 8) \times 500$
371314 $:= 3 \times 7 + 13^{1+4}$
372573 $:= 3^7 + 2 \times 57^3$
373239 $:= (-3 + 73 + 2)^3 - 9$
373248 $:= (3 \times (7-3))^{2+4}/8$
374439 $:= (-3 + 7^4 \times 4) \times 39$
374529 $:= 3 \times (7^4 \times 52 - 9)$
375021 $:= 3 \times (7 + 50^{2+1})$
375168 $:= 3 \times (7 + (5 \times 1)^6) \times 8$
379793 $:= (-3+7)^9 + 7^{9-3}$
386758 $:= -3867 + 5^8$
388560 $:= (3^8 - 85) \times 60$
388993 $:= -3 \times 8 + (-8 + 9 \times 9)^3$
389342 $:= ((3+89)^3 - 4)/2$
390358 $:= 3 - 90 \times 3 + 5^8$
390583 $:= -39 + 05^8 - 3$
390589 $:= -3 \times 9 + 05^8 - 9$
390628 $:= 3 + (9 - 06 + 2)^8$
390658 $:= 3 \times 9 + 06 + 5^8$
391864 $:= (-3^9 + (-1+8)^6) \times 4$
393189 $:= 3 \times (-9 + (3-1)^{8+9})$
393216 $:= (3 + 9/3) \times 2^{16}$
393420 $:= (3^9 - 3 \times 4) \times 20$
393660 $:= 3^9/(-3+6) \times 60$
393720 $:= (3 + 9 \times 3^7) \times 20$
393820 $:= ((3 \times 9)^3 + 8) \times 20$
397535 $:= (3 \times (9+7) - 5)^3 \times 5$
413466 $:= (41^3 - 4 - 6) \times 6$
413496 $:= (41^3 + 4 - 9) \times 6$
413518 $:= 41^3 \times (5+1) - 8$
417625 $:= (4 + 17^{6-2}) \times 5$
419904 $:= 4 \times (1 \times 9 + 9)^{04}$
420175 $:= (4 + 20 + 1) \times 7^5$
425984 $:= (4 \times 2)^5 \times (9 + 8 - 4)$

432964 $:= 4 \times 329^{6-4}$
437564 $:= 4^3 + 7 \times 5^6 \times 4$
437656 $:= 4 \times (-3 + 7 \times (6 + 5^6))$
437750 $:= (4 \times 3^7 + 7) \times 50$
455625 $:= (4 \times 5 - 5)^6/25$
456533 $:= (4 + 5 + 65 + 3)^3$
456976 $:= (4 \times 5 + 6)^{-9+7+6}$
459270 $:= ((4+5) \times 9)^2 \times 70$
466536 $:= (-4 + 6^6 \times 5/3) \times 6$
466552 $:= (-4 + 6 \times 6^5 \times 5) \times 2$
466553 $:= -4 + 6^6 \times (5+5) - 3$
466557 $:= 4 + 6^6 \times (5+5) - 7$
466652 $:= (46 + 6^6 \times 5) \times 2$
466880 $:= (4 + 6^6/8) \times 80$
470576 $:= 4 \times (7 \times 0 - 5 + 7^6)$
470596 $:= 4 \times 7^{0\times 59+6}$
470616 $:= 4 \times (7^{06} - 1 + 6)$
470632 $:= 4 \times (7^{06} + 3^2)$
471576 $:= (471 + 5^7) \times 6$
472364 $:= 4 \times (-7 + 2 \times 3^{6+4})$
472384 $:= -4 + 72 \times 3^8 + 4$
472388 $:= 4 + 72 \times 3^8 - 8$
472392 $:= (4 + 7 \times 2)^3 \times 9^2$
472395 $:= -4 + 7 + 2^3 \times 9^5$
472398 $:= (-4+7) \times (2 + 3^9 \times 8)$
472439 $:= 47 + 24 \times 3^9$
474552 $:= (4 + 74)^{5/5+2}$
475136 $:= 4^7 \times (5 + (1+3) \times 6)$
475281 $:= (4^7 + 5) \times (28 + 1)$
476254 $:= 4 + 762 \times 5^4$
483153 $:= ((-4+8) \times 3 - 1)^5 \times 3$
493837 $:= -4 + 9 \times 38^3 - 7$
493852 $:= 4 + 9 \times 38^{5-2}$
497657 $:= 4 \times (9+7) \times 6^5 - 7$
497662 $:= (-4 + 9 + 7)^6/6 - 2$
497664 $:= 4 \times (9+7) \times 6 \times 6^4$

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508276 $:= 5^{08} + 2 + 7^6$
515816 $:= -5^{1+5} + (8+1)^6$
523665 $:= ((5-2)\times 3)^6 - 6^5$
524088 $:= (-5^2 + 4^{08}) \times 8$
524248 $:= (-5 + (2\times 4\times 2)^4) \times 8$
524282 $:= -5 + (-2 + 4^{2+8})/2$
524283 $:= -5 + 2^{4\times 2+8+3}$
524285 $:= -5 + 2 + 4^2 \times 8^5$
524288 $:= (5\times 2 - 4 - 2)^8 \times 8$
524293 $:= 5 + 2^{4+2\times 9-3}$
524298 $:= 5\times 2 + 4^{2+9}/8$
524488 $:= (5^{-2+4} + 4^8) \times 8$
524880 $:= (5+2-4)^8 \times 80$
526833 $:= (-5 + (2^6 - 8)^3) \times 3$
531296 $:= 5\times(-31+2) + 9^6$
531396 $:= -5\times 3\times 1\times 3 + 9^6$
531426 $:= -5\times 3 + (1+4\times 2)^6$
531428 $:= -5 + 3^{14-2} - 8$
531433 $:= -5 + (3\times 1)^{4\times 3} - 3$
531436 $:= -5 + (3-1+4+3)^6$
531438 $:= 5 + (3\times 1)^{4\times 3} - 8$
531439 $:= -5 + 3 + (-1+4)^{3+9}$
531441 $:= (5-3+1)^{4\times(4-1)}$
531443 $:= 5 + (31-4)^4 - 3$
531446 $:= 5 + 3^{14+4-6}$
531456 $:= 5\times 3 + (1\times 4+5)^6$
531494 $:= 53 + ((-1+4)\times 9)^4$
531496 $:= 5\times(-3+14) + 9^6$
531566 $:= 5^3 + (15-6)^6$
531966 $:= 531 + 9^6 - 6$
538412 $:= (5+3^8)\times 41\times 2$
546875 $:= 5^{4-6+8}\times 7\times 5$
549365 $:= 5\times(49^3 - 6^5)$
551343 $:= -5\times 5 + (1+3^4)^3$
559539 $:= 5^5 + (9^5 - 3)\times 9$
562419 $:= ((5^6 - 2)\times 4 - 1)\times 9$
563922 $:= ((56+3)\times 9)^2 \times 2$
577602 $:= -5 + 7 + 760^2$
583443 $:= (5\times(8-3) - 4)^4 \times 3$
583889 $:= -5\times 8 + 3^8 \times 89$
584647 $:= (5 + 8/4\times 6)^4 \times 7$
588765 $:= ((5+8)\times 8 + 7^6)\times 5$
589748 $:= -5 - 8 + 9\times(-7 + 4^8)$
589864 $:= 5\times 8 + 9\times 8^6/4$
590945 $:= 5 + 90\times(9^4 + 5)$
592763 $:= 59 + (2\times 7\times 6)^3$
597878 $:= 5 + (9^7 + 8 + 7)/8$
606476 $:= (6^{06} - 4)\times(7+6)$
614125 $:= (6\times 14+1)^{-2+5}$
624978 $:= -6 + (-2 + (-4+9)^7)\times 8$
629844 $:= 6\times(-2 + (9\times 8/4)^4)$
629848 $:= (6/2)^9 \times 8\times 4 - 8$
635993 $:= -63 + (5+9\times 9)^3$
640024 $:= (6 + 400^2)\times 4$
645500 $:= (6^4 - 5)\times 500$
649495 $:= (6-4+9)\times(-4+9^5)$
649529 $:= -6 - 4 + 9^5\times(2+9)$
653184 $:= 6^5\times(3+18)\times 4$
655284 $:= (6^5 + 5^2)\times 84$
655354 $:= -6 + 5\times(5+3)^5\times 4$
655935 $:= (6\times 5^5 - 9)\times 35$
656187 $:= (6\times 5^6 - 1 - 8)\times 7$
656244 $:= -6 + 5^6\times(-2+44)$
656298 $:= 6\times(5^6\times(-2+9)+8)$
656373 $:= 6\times(5^6+3)\times 7 - 3$
656376 $:= (6+5^6-3)\times 7\times 6$
656418 $:= 6\times(5^6+4)\times(-1+8)$
656790 $:= 6\times(5^6\times 7+90)$
656817 $:= (6\times 5^6+81)\times 7$
657874 $:= (-6+5\times 7\times 8)\times 7^4$
659685 $:= (6^5 - 9 - 6)\times 85$
663552 $:= 6\times(6\times(3+5))^{5-2}$

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677328 $:= 6 \times ((-7+7^3)^2-8)$
699875 $:= (6^9/(9\times 8)+7)\times 5$
705642 $:= (7^{05}-6)\times 42$
715821 $:= 71^{-5+8}\times 2-1$
728993 $:= -7+((2+8)\times 9)^{9/3}$
729014 $:= 7\times 2+90^{-1+4}$
742572 $:= ((7+4+2)^5-7)\times 2$
742586 $:= (7+4+2)^5\times(8-6)$
756045 $:= (7^5-6)\times 045$
756315 $:= 7^5\times(6-3)\times 15$
756325 $:= (7^5\times(6+3)+2)\times 5$
756549 $:= ((7^5+6)\times 5-4)\times 9$
756585 $:= (7^5+6)\times(5\times 8+5)$
759359 $:= -7+(5\times 9/3)^5-9$
759375 $:= (7-5+9-3+7)^5$
765392 $:= 7^6\times 5+3^{9+2}$
766927 $:= (7+6\times 6\times 9)^2\times 7$
774137 $:= 7\times(7+41)^3-7$
776887 $:= 7^7-6^{-8/8+7}$
777922 $:= ((7+7)\times 7\times 9)^2-2$
781257 $:= 7+(8\times 1+2)\times 5^7$
786385 $:= -7+8^6\times 3-8\times 5$
786393 $:= (-7+8^6+3-9)\times 3$
786396 $:= (-7+8^6)\times 3-9-6$
786411 $:= (-7+8^6)\times(4-1)\times 1$
786413 $:= -7+(8^6-4\times 1)\times 3$
786425 $:= -7-8^6+4^{2\times 5}$
786433 $:= -7+8+64^3\times 3$
786439 $:= 7+(8\times 6\times 4)^3/9$
786441 $:= (7+8^6-4)\times(4-1)$
786453 $:= (7+8^6)\times(4+5)/3$
789264 $:= 7\times(89-2)\times 6^4$
805255 $:= (8+05-2)^5\times 5$
805655 $:= (80+(5+6)^5)\times 5$
806752 $:= 8\times(06\times 7^5+2)$
823297 $:= -82\times 3+(-2+9)^7$
823461 $:= -82+(3+4)^{6+1}$
823527 $:= -8-2^3+(5+2)^7$
823543 $:= ((8-2)/3+5)^{4+3}$
824577 $:= 8+2+4^5+7^7$
839424 $:= 8\times(-3+9^4)\times 2^4$
839673 $:= ((-8+3)\times 9+6^7)\times 3$
839812 $:= (8+(-3+9)^8)/(1\times 2)$
839827 $:= -8+3\times(9+(8-2)^7)$
839867 $:= 8+3\times(9+8+6^7)$
844277 $:= (8+4)^4-2+7^7$
851942 $:= (8^5-1)\times(9+4)\times 2$
851968 $:= (8+5)\times(1+9-6)^8$
856192 $:= (8^5+6^{-1+9})/2$
857383 $:= 8+(57+38)^3$
875336 $:= 8\times 7\times(5^{3+3}+6)$
884733 $:= (8\times 84/7)^3-3$
884736 $:= 8\times 8^4\times(7\times 3+6)$
886464 $:= (8\times 86-4)\times 6^4$
907569 $:= 9\times 07^5\times 6-9$
912247 $:= (9+12-2)^4\times 7$
923314 $:= -9\times 23+31^4$
924385 $:= (9-2)^4\times 385$
937577 $:= (9+3)\times(7+5^7)-7$
944784 $:= 9^4\times(4\times 7+8)\times 4$
973944 $:= ((9\times 7)^3-9^4)\times 4$
984150 $:= 9^{8-4}\times 150$

1020101 $:= 1010^2+01$
1026366 $:= (10+2\times 6)\times(-3+6^6)$
1036322 $:= (10^3+6\times 3)^2-2$
1036324 $:= (10^3+6\times 3)^{-2+4}$
1046666 $:= 10+(4+6)^6+6^6$
1046875 $:= (1+04)^6\times(-8+75)$
1047285 $:= (104+7)^2\times 85$
1048249 $:= 1+04\times(-82+4^9)$
1048424 $:= ((-10+4^8)\times 4+2)\times 4$

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1048449 $:= 1 - 04 \times (8 \times 4 - 4^9)$
1048464 $:= -104 - 8 + 4^{6+4}$
1048483 $:= -10 + (4 \times 8)^4 - 83$
1048488 $:= (1 \times 04 \times 8)^4 - 88$
1048493 $:= 10 + (4 \times 8)^4 - 93$
1048558 $:= -10 + (-4 + 8)^{5+5} - 8$
1048581 $:= 1 + 04 \times (8^5 \times 8 + 1)$
1048582 $:= (1 + 04 \times 8^5) \times 8 - 2$
1048583 $:= 10 + 4 \times 8^5 \times 8 - 3$
1048586 $:= -10 + (-4 + 8) \times (5 + 8^6)$
1048592 $:= (1 + 04^8) \times (5 + 9 + 2)$
1048608 $:= 1 \times 04 \times (8^6 + 08)$
1048618 $:= 10 + 4 \times (8^6 \times 1 + 8)$
1048624 $:= 10 \times 4 + (8^6 + 2) \times 4$
1048634 $:= 10 + 4 \times (8^6 + 3 \times 4)$
1048635 $:= -1 + 04 \times (8^6 + 3 \times 5)$
1048682 $:= 10 + (4^8 + 6) \times 8 \times 2$
1048688 $:= (1 + 04^8 + 6) \times (8 + 8)$
1048736 $:= (10 + 4^8) \times (7 + 3 + 6)$
1048769 $:= -10^4 + (-8 + 7^6) \times 9$
1058769 $:= (1 \times 0 \times 5 - 8 + 7^6) \times 9$
1062762 $:= (-10 \times 6 + (2 + 7)^6) \times 2$
1062942 $:= 10 \times 6 + 2 \times 9^{4+2}$
1062954 $:= (10 + 6 + 2) \times (9^5 + 4)$
1062962 $:= 10 \times (6 + 2) + 9^6 \times 2$
1073733 $:= (1 + (07 + 3) \times 7)^3 \times 3$
1075488 $:= (-10 + 7^5 \times 4) \times (8 + 8)$
1075644 $:= 1 \times 07^5 \times 64 - 4$
1075649 $:= 10 + 7^5 \times 64 - 9$
1075658 $:= 10 + 7^5 \times (6 + 58)$
1075712 $:= (1 + 07^5) \times (7 + 1)^2$
1092592 $:= (109^2 - 5) \times 92$
1124853 $:= -11 + (2 \times 4 \times (8 + 5))^3$
1124863 $:= -1 + (1 \times 2 \times (4 + 8 \times 6))^3$
1127287 $:= (11^{-2+7} - 2 - 8) \times 7$
1127357 $:= (1^{12} + 7 + 3)^5 \times 7$
1127374 $:= (11^{-2+7} + 3) \times 7 - 4$
1127567 $:= (11^{-2+7} + 5 \times 6) \times 7$
1142053 $:= 11 \times (42 + 05)^3$
1142440 $:= (1 + 14 - 2)^4 \times 40$
1146875 $:= (-1 + 1 \times 4^6 \times 8 \times 7) \times 5$
1148175 $:= (-1 \times 1 + 4)^8 \times 175$
1153275 $:= (1 + (-1 + 5^3)^2) \times 75$
1156174 $:= -1 - 1 + (5^6 - 1) \times 74$
1156175 $:= -1 + (-1 + 5^6) \times (-1 + 75)$
1157622 $:= -1 + (15 \times 7)^{6/2} - 2$
1157623 $:= 1 + (15 \times 7)^{6/2} - 3$
1157624 $:= -1 + (15 \times 7)^{6 \times 2/4}$
1157625 $:= (1 \times 15 \times 7)^{6+2-5}$
1164485 $:= (1 \times 1 + 6)^4 \times 485$
1166125 $:= (-11 + 6^6) \times 1 \times 25$
1166325 $:= ((1 - 1 + 6)^6 - 3) \times 25$
1166355 $:= (1 + (1 + 6^6 - 3) \times 5) \times 5$
1166374 $:= -1 + (-1 + 6^6) \times (3 \times 7 + 4)$
1166395 $:= (-1 + (-1 + 6) \times 6^{-3+9}) \times 5$
1166525 $:= ((1 - 1 + 6)^6 + 5) \times 25$
1166555 $:= (1 + (1 + 6^6 + 5) \times 5) \times 5$
1171280 $:= 11^{(7+1)/2} \times 80$
1171874 $:= -1 + (-1 + 7 - 1)^8 \times (7 - 4)$
1173960 $:= (-117 + 3^9) \times 60$
1176375 $:= (-11 + 7^6) \times (3 + 7) - 5$
1176435 $:= ((1 + 1) \times (7^6 - 4) - 3) \times 5$
1176440 $:= (-1 + (-1 + 7^6)/4) \times 40$
1176465 $:= (-1 - 1 + 7^6) \times (4 + 6) + 5$
1176475 $:= ((1 + 1) \times 7^6 + 4 - 7) \times 5$
1176476 $:= -(1 + 1) \times 7 + (6 + 4) \times 7^6$
1176502 $:= (1 + (1 + 7^6) \times 5) \times 02$
1176510 $:= (1 + 1) \times (7^6 \times 5 + 10)$
1176512 $:= (11 + 7^6 \times 5) \times 1 \times 2$
1176515 $:= ((1 + 1) \times 7^6 + 5) \times 1 \times 5$
1176525 $:= ((1 + 1) \times 7^6 + 5 + 2) \times 5$
1176538 $:= (1 + 1) \times (7^6 \times 5 + 3 \times 8)$

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1176550 $:= (1+(1+7^6)/5)\times 50$
1176552 $:= (1+(1+7^6+5)\times 5)\times 2$
1176562 $:= (1+1)\times(7^6\times 5+6^2)$
1176575 $:= ((1+1)\times(7^6+5)+7)\times 5$
1176586 $:= (1+1)\times(7^6\times 5+8\times 6)$
1176975 $:= ((1+1)\times 7^6+97)\times 5$
1179483 $:= (1+17)\times(-9+4^8)-3$
1179639 $:= (1+1)^{7+9}\times 6\times 3-9$
1179647 $:= -1+(-1+79-6)\times 4^7$
1179648 $:= (1+1)^{7+9}\times(6+4+8)$
1185392 $:= (1+(-1+85)^3-9)\times 2$
1185922 $:= 1+(1+8\times(-5+9))^{2+2}$
1191635 $:= (-1+(-1+9\times(1+6))^3)\times 5$
1198152 $:= (1+1)\times(9\times(81+5))^2$
1221024 $:= -1+2210^2/4$
1225043 $:= (1+22\times 5-04)^3$
1228875 $:= (1+2^{-2+8+8})\times 75$
1229312 $:= (1-2+29)^{3+1}\times 2$
1229314 $:= 1\times 2+2\times(9\times 3+1)^4$
1234256 $:= (-1+23)^4+(2\times 5)^6$
1237248 $:= 12^3\times(724-8)$
1239579 $:= (-1+(-2+3^9-5)\times 7)\times 9$
1239663 $:= 12+(3^9-6)\times 63$
1239917 $:= (1-(2-3^9)\times 9-1)\times 7$
1239977 $:= -1-2+(3^9\times 9-7)\times 7$
1239987 $:= (1\times 2+3^9\times 9-8)\times 7$
1243860 $:= (12^4+3-8)\times 60$
1244155 $:= 12^4\times 4\times 15-5$
1244160 $:= ((1+2)\times 4)^4\times 1\times 60$
1244165 $:= (1+2\times 4+4)^{-1+6}\times 5$
1244485 $:= (1+2+4+4)^4\times 85$
1245185 $:= 1+2\times(4\times 5-1)\times 8^5$
1250235 $:= (-1+2^5\times 02)^3\times 5$
1257537 $:= 12+575\times 3^7$
1258944 $:= (-1+25)\times 8\times(9^4-4)$
1259644 $:= (-1+(-2+5)^9)\times 64-4$
1259684 $:= -1+(-2+5)\times(-9+6^8/4)$
1259712 $:= (1+2\times 5+97)^{1+2}$
1259713 $:= 1+(2\times 5+97+1)^3$
1265239 $:= 1+(-26+52^3)\times 9$
1265625 $:= (1+26)\times 5^6\times(-2+5)$
1265634 $:= 1+2+6+5^6\times 3^4$
1265766 $:= (12\times 6^5+7^6)\times 6$
1266325 $:= (1^2+6\times 6)^3\times 25$
1273158 $:= ((1+27)^3-1)\times 58$
1275408 $:= (1+(-2+7)^5)\times 408$
1277946 $:= (-1+2^{7+7}\times(9+4))\times 6$
1279265 $:= ((1+2)^7\times 9-2)\times 65$
1279392 $:= -1+(2+7\times 9)\times 3^9-2$
1279393 $:= 1+(2+7\times 9)\times 3^9-3$
1279394 $:= -1+(2+7\times 9)\times 3\times 9^4$
1279395 $:= (-1+2\times 7)\times(9/3)^9\times 5$
1282048 $:= (1\times 2^8+20^4)\times 8$
1284535 $:= (1-2+8)^4\times 535$
1285000 $:= (1+2^8)\times 5000$
1285245 $:= (-1+2\times 85)^2\times 45$
1288475 $:= 1+2+8\times(8+(4+7)^5)$
1293876 $:= 1-(2+9)\times(3\times 8-7^6)$
1296036 $:= -(1+2-9)\times(60^3+6)$
1296337 $:= (-1\times 2+(9\times 6+3)^3)\times 7$
1299666 $:= ((1+2)^9+9)\times 66-6$
1299672 $:= ((1+2)^9+9)\times(-6+72)$
1310720 $:= (1+3)^{1+07}\times 20$
1310725 $:= (1+(3+1)^{07+2})\times 5$
1310865 $:= (-1+3\times 10+8^6)\times 5$
1311048 $:= 131\times(10^4+8)$
1318760 $:= -1+3^{1+8}\times(7+60)$
1325424 $:= (1+(3+2)^5)\times 424$
1327104 $:= (1+3)\times(2\times 7+10)^4$
1327347 $:= 1\times 3\times 27\times(3+4^7)$
1327989 $:= (1+(3+2)^7-9)\times(8+9)$
1334288 $:= (1+33)^4-2^8\times 8$

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1336268 $:= (1+33)^{6-2} - 68$
1336328 $:= (1+33)^{6/3+2} - 8$
1336344 $:= 1 + 3/3 + 6 + 34^4$
1338443 $:= -1 + 3 \times 3^8 \times (4 + 4^3)$
1342367 $:= 13^4 \times (2 + 3 + 6 \times 7)$
1342461 $:= (13^4 + 2) \times (46 + 1)$
1344560 $:= (1 \times 3 + 4)^4 \times 560$
1361347 $:= 1 + (-3 + ((6+1) \times 3)^4) \times 7$
1361374 $:= (1^3 + 6) \times (1 + (3 \times 7)^4)$
1363492 $:= 13 \times ((6 \times 3)^4 - 92)$
1364679 $:= (1 \times 3 \times 6)^4 \times (6 + 7) - 9$
1364684 $:= (-1 + 3^6 \times 468) \times 4$
1367631 $:= (-1 + 36 + 76)^3 \times 1$
1368483 $:= ((-1^3 + 6)^8 + 4^8) \times 3$
1373125 $:= (1 + (-3 + 7)^3)^{1+2} \times 5$
1375033 $:= (1 + 3 + 7) \times (50^3 + 3)$
1375624 $:= 1 + 3^7 \times (5 + 624)$
1376253 $:= -1 \times 3 + 7 \times 6 \times 2^{5 \times 3}$
1376256 $:= 1^3 \times 7 \times (6 + 2)^5 \times 6$
1376269 $:= 13 + 7 \times 6 \times 2^{6+9}$
1376385 $:= 1 \times 3 + 7 \times 6 \times (3 + 8^5)$
1377099 $:= ((-1 + 3^7) \times 70 - 9) \times 9$
1377739 $:= -1 + (3 + 7) \times (-7 + 7 \times 3^9)$
1377990 $:= ((-1 + 3^7) \times 7 + 9) \times 90$
1378175 $:= 1 + (3 + 78 + 1) \times 7^5$
1382974 $:= 1 - 3 + 8^2 \times 9 \times 7^4$
1392385 $:= ((1+3)^{9-2} - 3) \times 85$
1397422 $:= (-1 + 3^9) \times (7 + (4 \times 2)^2)$
1397493 $:= 1 \times 3^9 \times (74 - 9/3)$
1399464 $:= (-1 + 39) \times 9 \times (4^6 - 4)$
1399667 $:= 13 + (-9/9 + 6) \times 6^7$
1399675 $:= 13 - 9 - 9 + 6^7 \times 5$
1399685 $:= (1 - 3 + 9)^{9+6-8} \times 5$
1411763 $:= -1 + 4 \times (-1 - 1 + 7^6) \times 3$
1411764 $:= (-1 + 4) \times (-1 - 1 + 7^6) \times 4$
1416959 $:= -1 + 4 \times 1 \times 6 \times (9^5 - 9)$

1417468 $:= -(1 + 4^{1+7}) \times 4 + 6^8$
1419815 $:= -1 - 41 + ((9+8) \times 1)^5$
1419816 $:= -1 \times 41 + (9+8)^{-1+6}$
1419851 $:= -1 - 4 + (1 \times 9 + 8)^5 - 1$
1419852 $:= 1 - 4 + (1 \times 9 + 8)^5 - 2$
1419853 $:= -1^4 + (1 \times 9 + 8)^5 - 3$
1419854 $:= 1^4 + (1 \times 9 + 8)^5 - 4$
1419855 $:= 1 \times 4 - 1 + (9+8)^5 - 5$
1419856 $:= 1 + 4 + (1 \times 9 + 8)^5 - 6)$
1419861 $:= 1 \times 4 + (1 \times 9 + 8)^{6-1}$
1419872 $:= 14 + 1 + (9+8)^{7-2}$
1423737 $:= (1 + 4 \times 23) \times 7 \times 3^7$
1436859 $:= (1 + 4 \times 3 \times 6) \times (8 - 5)^9$
1441788 $:= -1 \times 4 + (4 \times 1)^7 \times 88$
1441792 $:= (1 + 4/4)^{17} \times (9 + 2)$
1443425 $:= (1 + 44 \times 3^{4 \times 2}) \times 5$
1445625 $:= (1 + 4^4) \times 5625$
1449459 $:= (1 \times 4 \times 4 - 9 + 4)^5 \times 9$
1449475 $:= 1 \times 4 \times 4 + 9 \times (4+7)^5$
1449984 $:= (-1 + 4^4 + 99) \times 8^4$
1464100 $:= (1 + 4 + 6)^4 \times 100$
1464610 $:= (1^4 + 6)^4 \times 610$
1466494 $:= ((1+4)^6 - 6 \times 4) \times 94$
1469664 $:= 14 \times ((6 - 9 + 6) \times 6)^4$
1472490 $:= (1 + 4^7 - 24) \times 90$
1474199 $:= -1 + (4^7 - 4) \times (1 + 9) \times 9$
1474245 $:= (1 + (4^7 - 4) \times 2) \times 45$
1474290 $:= (-1 + 4^7 - 4 + 2) \times 90$
1474552 $:= (1 + 4^7 \times 45 - 5) \times 2$
1474559 $:= -1 + 4^7 \times (45 + 5 \times 9)$
1474566 $:= (1 + 4^7 \times (4 + 5 + 6)) \times 6$
1474572 $:= (-1 + 4^7 \times 45 + 7) \times 2$
1474910 $:= (-1 + (4^7 + 4) \times 9) \times 10$
1474919 $:= -1 + (4^7 + 4) \times (9 + 1) \times 9$
1474925 $:= (1 + (4^7 + 4) \times 9 \times 2) \times 5$
1475190 $:= (1 + 4^7 + 5 + 1) \times 90$

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1476225 $:= (-1+4)^{7+6/2} \times 25$
1478575 $:= (-1+(4+7)\times 8)\times(-5+7^5)$
1478753 $:= 1+(4+7)\times 8\times(7^5-3)$
1484375 $:= (1+4)^8\times(4\times 3+7)/5$
1485124 $:= ((1+4+8)^5-12)\times 4$
1485141 $:= ((14-1)^5-8)\times 4+1$
1485171 $:= -1+4\times(8+5)^{-1+7-1}$
1485172 $:= (1+4+8)^5\times(1+7)/2$
1485173 $:= 1+4\times(8+5)^{1+7-3}$
1485284 $:= ((1+4+8)^5+28)\times 4$
1485428 $:= (1+4+8)^5\times 4+2^8$
1491476 $:= -14+91\times(4^7+6)$
1492668 $:= 1\times 4\times(-9^2+6^6\times 8)$
1492993 $:= 1+4\times((9-2)\times 9+9)^3$
1493857 $:= 1+4\times(-9+3^8)\times 57$
1498172 $:= -1\times 4+(9\times 8\times 17)^2$
1500574 $:= -1-50+(05\times 7)^4$
1512675 $:= 15\times(1+2+6\times 7^5)$
1518565 $:= (1\times 5+1)^8-(5+6)^5$
1518745 $:= (-1+(5+1)\times(8+7)^4)\times 5$
1518746 $:= 1-5\times(1-(8+7)^4\times 6)$
1524635 $:= (1\times 5+2)^4\times 635$
1529436 $:= -1+(-5+2\times 9)\times(4+3)^6$
1535267 $:= (1+5+3)^5\times 26-7$
1535274 $:= (1+5+3)^5\times(-2+7\times 4)$
1539633 $:= 15+(-3+9)^6\times 33$
1539727 $:= (1-53\times 9+7)^2\times 7$
1542294 $:= 1\times 54\times(2+2+9)^4$
1542464 $:= (1+5^4)\times 2464$
1548359 $:= 1+(5+48^3)\times(5+9)$
1548372 $:= (1+5+48^3)\times 7\times 2$
1548384 $:= (1+5)\times(-4+8^3)^{8/4}$
1550496 $:= (1+5^5)\times 0496$
1555200 $:= (1^5+5)^5\times 200$
1555848 $:= (1+5\times 5-5)^{8-4}\times 8$
1556475 $:= (-1+(5\times 5-6)\times 4^7)\times 5$
1558500 $:= (1\times 5^5-8)\times 500$
1558900 $:= -(1-5)\times(5^8-900)$
1562250 $:= (-1+(5^6-2)\times 2)\times 50$
1562350 $:= (1\times 5^6\times 2-3)\times 50$
1562384 $:= (1-5\times 6+(2+3)^8)\times 4$
1562448 $:= (-1+5^{6+2})\times 4-48$
1562450 $:= 1\times 5^{6+2}\times 4-50$
1562452 $:= (1+5^{6+2})\times 4-52$
1562458 $:= -(15+6)\times 2+4\times 5^8$
1562459 $:= (1+5^{6+2})\times 4-5\times 9$
1562464 $:= (1+5^{6+2}-4-6)\times 4$
1562484 $:= (1\times 5^{6+2}-4)\times(8-4)$
1562486 $:= 1\times 5^{6+2}\times 4-8-6$
1562488 $:= (1+5^{6+2})\times 4-8-8$
1562510 $:= (1+5^6\times 2\times 5)\times 10$
1562520 $:= (1+5^{6\times 2-5})\times 20$
1562522 $:= (1+(5^{6+2}+5)\times 2)\times 2$
1562524 $:= (1+5+625^2)\times 4$
1562528 $:= (1+(5^{6+2}+5)/2)\times 8$
1562544 $:= (1\times 5+6+25^4)\times 4$
1572868 $:= (-1^5+7)\times(2+8^6)+8$
1572886 $:= 15+7+(-2+8)\times 8^6$
1572936 $:= ((-1+5)^{7+2}+9+3)\times 6$
1572996 $:= (15+7+2^{9+9})\times 6$
1573086 $:= (1+5)\times(7+30+8^6)$
1574639 $:= -1^5+(74+6)\times 3^9$
1579225 $:= (1+(-5+7\times 9^2)^2)\times 5$
1579951 $:= -1+(-5+99)\times(7^5+1)$
1583725 $:= ((-1+5)^8-3^7)\times 25$
1584660 $:= (15-8)^4\times 660$
1593999 $:= (1-5+(9/3)^9)\times 9\times 9$
1594279 $:= 1+(-5+9^4\times 27)\times 9$
1594283 $:= -1+(-5+9^{4+2}-8)\times 3$
1594293 $:= (-1^5+9^{4+2}-9)\times 3$
1594313 $:= -1\times 5-9+4+3^{13}$
1594321 $:= -(1+5-9^{4+3})/(2+1)$

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1594325 $:= (1+5+9^{4+3})/(-2+5)$
1594334 $:= 15+9^{4+3}/3-4$
1594341 $:= 14+3^{4+9}+5-1$
1594349 $:= 1+5\times(9-4)+3^{4+9}$
1594358 $:= -1^5+9\times 4+3^{5+8}$
1594365 $:= 1+5+9\times(4+3^{6+5})$
1594374 $:= 15+9\times(4+3^{7+4})$
1594385 $:= -1+59+4+3^{8+5}$
1597519 $:= -1+5\times(9+7^5)\times 19$
1602445 $:= (1+60^2)\times 445$
1608572 $:= (1\times 60+8^5)\times 7^2$
1610510 $:= (1^6+10)^5\times 10$
1613456 $:= 16\times(-1+(3+4)^5)\times 6$
1632925 $:= (-1+6^{3\times 2})\times(9-2)\times 5$
1632968 $:= -1-6^{3\times 2}+9+6^8$
1633683 $:= -1\times 6+3^{3+6}\times 83$
1638325 $:= ((1^6+3)^8-3)\times 25$
1638350 $:= (-1+(-6+38)^3)\times 50$
1638425 $:= (1+(6/3\times 8)^4)\times 25$
1638525 $:= ((1^6+3)^8+5)\times 25$
1638550 $:= (1^6\times 3+8^5)\times 50$
1638750 $:= (16^3\times 8+7)\times 50$
1640962 $:= 1+(6^4-09-6)^2$
1643522 $:= (1+6^4-3\times 5)^2-2$
1643524 $:= (1+6^4-3\times 5)^{-2+4}$
1646977 $:= -1+(6-4)\times(-6\times 9+7^7)$
1647072 $:= -1\times 6+(-4+7^{07})\times 2$
1647075 $:= -1+(6-4)\times(7^{07}-5)$
1647078 $:= (1\times 6-4)\times 7^{07}-8$
1647087 $:= 1+(6-4)\times 7^{08}/7$
1647711 $:= (-1+6)^4+7^7\times(1+1)$
1647772 $:= ((1+6)^4/7+7^7)\times 2$
1647773 $:= 1+(6-4)\times(7^7+7^3)$
1648353 $:= (-1+6^4\times 8)\times 3\times 53$
1654134 $:= 1\times 6\times(5+41^3\times 4)$
1658834 $:= -1\times 6+5\times(-8+(8\times 3)^4)$
1658845 $:= (-1-6+((-5+8)\times 8)^4)\times 5$
1661521 $:= (-1-6+6^{-1+5})^2\times 1$
1663242 $:= (1+66\times 3)^2\times 42$
1663991 $:= -(-1+6)^6+(-3+9)^{9-1}$
1664101 $:= 1+(-6+6^4)^{1+01}$
1664227 $:= -1+(-6+6^4)^2+2^7$
1667268 $:= -(1+6)\times(6\times 7)^2+6^8$
1672860 $:= (167^2-8)\times 60$
1673159 $:= 1-6^7-31+5^9$
1673189 $:= -1\times 6^7+(-3\times 1+8)^9$
1676016 $:= (1+(6^7-601))\times 6$
1676873 $:= 1+6^7\times 6-8\times 7^3$
1678267 $:= 1-6\times((7+8)^2-6^7)$
1678808 $:= (-1^6+7)^8-808$
1678938 $:= -1\times 678+(9-3)^8$
1678968 $:= (1\times 6-78)\times 9+6^8$
1678986 $:= (1+6^7-8-98)\times 6$
1679046 $:= (1+6+7+9)^{04}\times 6$
1679065 $:= (-1+6^7-90)\times 6+5$
1679068 $:= (1\times 6^7-90)\times 6-8$
1679082 $:= (1+6^7-90)\times(8-2)$
1679168 $:= -(1+6)\times(7\times 9+1)+6^8$
1679237 $:= -1+6\times(-7\times 9+(2\times 3)^7)$
1679238 $:= -1\times 6\times 7\times 9+(2\times 3)^8$
1679273 $:= 1\times 6^{(7+9)/2}-7^3$
1679286 $:= (1+6^7-(9-2)\times 8)\times 6$
1679406 $:= (1+6^7-9\times 4)\times 06$
1679454 $:= (1+6^7/9-4)\times 54$
1679468 $:= -16\times 7-9\times 4+6^8$
1679526 $:= (1+6^7-9-5-2)\times 6$
1679532 $:= (1\times 6^7-9-5)\times 3\times 2$
1679533 $:= 1+(6^7-9-5)\times(3+3)$
1679556 $:= (1-6^7+9)\times(5-5-6)$
1679562 $:= (-1+6^7/9)\times(56-2)$
1679568 $:= (1-6-7)\times(9-5)+6^8$
1679586 $:= (1+6^7-9-5+8)\times 6$

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1679593 $:= 1+(6^7-9+5)\times(9-3)$
1679608 $:= 1^67-9+6^{08}$
1679612 $:= ((-1+6^7)\times(9-6)+1)\times 2$
1679613 $:= (-1+6^7\times(9-6-1))\times 3$
1679615 $:= -1+6^{7-9+6-1+5}$
1679617 $:= 1+6^{(7\times 9-6-1)/7}$
1679618 $:= -1^6\times 7+9+(6\times 1)^8$
1679621 $:= (1+6^7)\times(9-6)\times 2-1$
1679622 $:= (1+6^7)\times 9/(6/2)\times 2$
1679623 $:= -1+6-7+9+6^{2^3}$
1679624 $:= (1\times 6^7\times 9/6+2)\times 4$
1679626 $:= (1\times 6^7-9)\times 6+2^6$
1679628 $:= (-1+6^7+9-6)\times(-2+8)$
1679632 $:= (-1+6^7+9)\times 6-32$
1679633 $:= -1+(6^7+9-6)\times(3+3)$
1679635 $:= (1\times 6^7+9)\times 6-35$
1679637 $:= 1\times 6^{-7+9+6}+3\times 7$
1679638 $:= (1+6^7+9)\times 6-38$
1679642 $:= (-1+6)\times 7-9+6^{4\times 2}$
1679646 $:= (1\times 6^7+9)\times 6-4\times 6$
1679648 $:= 1\times 6^{-7+9+6}+4\times 8$
1679657 $:= -1+(6^7+9)\times 6-5-7$
1679658 $:= 1+(6^7+9)\times 6-5-8$
1679662 $:= (1\times 6^7+9)\times 6-6-2$
1679664 $:= (-1+6+7+9\times 6^6)\times 4$
1679665 $:= (1+6^7+9)\times 6-6-5$
1679667 $:= 1\times 6\times 7+9+6\times 6^7$
1679668 $:= (1\times 6^7+9)\times 6+6-8$
1679669 $:= -1+(6^7/9\times 6+6)\times 9$
1679670 $:= (1\times 6^7+9)\times 6+7\times 0$
1679671 $:= (-1+6^7+9)\times 6+7\times 1$
1679672 $:= (-1^6+7)\times(9+6^7)+2$
1679673 $:= -1+(6^7+9)\times 6+7-3$
1679674 $:= 1+(6^7+9)\times 6+7-4$
1679675 $:= (-1^6+7)\times(9+6^7)+5$
1679676 $:= (1\times 6^7+9-6+7)\times 6$
1679677 $:= (1+6^7+9)\times 6+7/7$
1679678 $:= (-1^6+7)\times(9+6^7)+8$
1679679 $:= (1\times 6^7/9\times 6+7)\times 9$
1679691 $:= -1+67+9+6^{9-1}$
1679706 $:= (-1+6^7+9+7)\times 06$
1679736 $:= (1+6^7+9+7+3)\times 6$
1679826 $:= (1+6^7+(9+8)\times 2)\times 6$
1680129 $:= 1+6^8+(0\times 1+2)^9$
1680645 $:= -1+6^8+06+4^5$
1681343 $:= 1\times 6^8-1+(3\times 4)^3$
1681568 $:= -1+6^8+(-1+5^6)/8$
1681673 $:= 1\times 6^8-1+6\times 7^3$
1682209 $:= (1+6^{8/2})^2+0\times 9$
1682593 $:= 1+6^8+2^5\times 93$
1682741 $:= 1\times 6^8+(-2+7)^{4+1}$
1682755 $:= 1\times 6^8+2\times 7+5^5$
1683714 $:= -1+6^8+3+(7+1)^4$
1683723 $:= 1\times 6^8+37^2\times 3$
1683972 $:= 1\times 6^8+(3+9\times 7)^2$
1685158 $:= -1+(68+51)^{-5+8}$
1686184 $:= 1+6^8+6+(1+8)^4$
1686238 $:= -1+6^8+62+3^8$
1686394 $:= 1+6^8+6^3+9^4$
1686672 $:= 1\times 6^8+((6+6)\times 7)^2$
1687465 $:= -1+6^8+74+6^5$
1692394 $:= (-1\times 6+92)\times(3^9-4)$
1693449 $:= (1+(6+9^3)\times 4^4)\times 9$
1694768 $:= ((16\times 947)+(6^8))$
1705214 $:= (-1+70\times 5)^2\times 14$
1708594 $:= (1+(7+08)^5\times 9)/4$
1712385 $:= 1+(7-1)^{2^3}+8^5$
1713987 $:= (17+1+3^9)\times 87$
1715742 $:= (-1+715)\times(7^4+2)$
1718722 $:= 1+(7\times 187+2)^2$
1725552 $:= (1+(7-2)^5)\times 552$
1739762 $:= 1+(7^3+976)^2$

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1741823 $:= -1+7\times(4\times 1+8)^{2+3}$
1741825 $:= 1+7\times((4-1)\times 8/2)^5$
1741845 $:= 1\times 7\times(4-1+(8+4)^5)$
1743126 $:= 1\times 7^4\times(-3+(1+2)^6)$
1744712 $:= (1+7)\times(-4+471)^2$
1744896 $:= (1+7)^4\times(48\times 9-6)$
1748933 $:= -1+(7^4+8)\times(9^3-3)$
1749344 $:= (-1+7^4)\times 9^3-4^4$
1752192 $:= (1+7)\times(52\times 1\times 9)^2$
1752320 $:= (-1+75)^2\times 320$
1759934 $:= 1+7^{-5+9}\times(9^3+4)$
1764135 $:= (1+7^6-41)\times 3\times 5$
1764496 $:= 1+(7^6-4\times 4)\times(9+6)$
1764715 $:= ((1-7^6)\times(4-7)-1)\times 5$
1764725 $:= (1\times 7^6\times(-4+7)-2)\times 5$
1764734 $:= -1+7^6\times(-4+7+3\times 4)$
1764735 $:= (1^7+6)^4\times 735$
1764736 $:= 1+7^6\times((-4+7)\times 3+6)$
1764745 $:= (1+7^6)\times(4+7+4)-5$
1764765 $:= (1\times 7^6\times(-4+7)+6)\times 5$
1764775 $:= (1+7^6\times(-4+7)+7)\times 5$
1764795 $:= ((1+7^6)\times(-4+7)-9)\times 5$
1764915 $:= (-1+7^6+4+9)\times 15$
1764935 $:= (1+(7^6+4+9)\times 3)\times 5$
1766937 $:= (1+7^6)\times(6+9)+3^7$
1769466 $:= (1+7)\times 6\times 9\times 4^6-6$
1769471 $:= (-1+7+6)\times 9\times 4^7-1$
1769483 $:= 17-6+9\times 4^8\times 3$
1769489 $:= 17+(-6+9)\times 4^8\times 9$
1769857 $:= 1\times 7+6\times 9\times(8^5+7)$
1771546 $:= -1-7-7+(15-4)^6$
1771576 $:= 1+7+7+(-1+5+7)^6$
1784643 $:= 17\times((8+4+6)^4+3)$
1804275 $:= (1+8)^{04}\times 275$
1815156 $:= 18\times(1+5+1)^5\times 6$
1815839 $:= (1+81+5\times 8)^3-9$
1824760 $:= (1+8-2)^4\times 760$
1833497 $:= 1+(-8\times 3^3+4^9)\times 7$
1834497 $:= (1\times 8-3^4+4^9)\times 7$
1834847 $:= (1-8\times 3+4^8\times 4)\times 7$
1834867 $:= -1+(-8\times 3+4+8^6)\times 7$
1834868 $:= (-1+8)\times(-3\times 4+8^6-8)$
1834917 $:= -1-83+(4^9-1)\times 7$
1834925 $:= -1\times 83+4^9\times(2+5)$
1834951 $:= (-1+8)\times(-3+4^9-5)-1$
1834959 $:= (-1+8)\times(-3+4^9+5-9)$
1834966 $:= (-1+8)\times((3-4+9)^6-6)$
1834967 $:= 1^83+(4^9-6)\times 7$
1834971 $:= -1+(-8+3+4^9)\times 7-1$
1834972 $:= 1+(-8+3+4^9)\times 7-2$
1834974 $:= -1-8+(-3+4^9)\times 7-4$
1834975 $:= (1-8+3+4^9)\times 7-5$
1834977 $:= -1\times 8\times 3+4^9\times 7-7$
1834978 $:= -1^8+(-3+4^9)\times 7-8$
1834979 $:= 1^8+(-3+4^9)\times 7-9$
1834981 $:= -(1+8)\times 3+4^9\times(8-1)$
1834985 $:= 1+8\times(-3+4^9-8^5)$
1834987 $:= (1-8)\times 3-4^9+8^7$
1834988 $:= (-1+8)\times(-3+4^9)+8/8$
1835197 $:= ((1+8)\times 3+(5-1)^9)\times 7$
1835476 $:= (1\times 8-3)^{5+4}-7^6$
1842750 $:= (-1+8^4)\times(2+7)\times 50$
1843250 $:= (1+8^4\times 3^2)\times 50$
1843275 $:= (1+8^4\times 3\times 2)\times 75$
1843290 $:= (1+8^4\times(3+2))\times 90$
1843350 $:= (1+8^4\times 3)\times 3\times 50$
1843650 $:= (1+8^4)\times(3+6)\times 50$
1844950 $:= (-1+(8^4+4)\times 9)\times 50$
1845450 $:= (1\times 8^4+5)\times 450$
1847042 $:= (-1+8\times 4)^{7\times 0+4}\times 2$
1848149 $:= -18^4+(8+1-4)^9$
1848770 $:= (-1+8)^{-4+8}\times 770$

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1855975 $:= (-1+(8+5)^5-97)\times 5$
1856495 $:= 1^8\times 5\times(6+(4+9)^5)$
1856848 $:= 18^5+(6-8^4)\times 8$
1858374 $:= 18\times(5\times 8+3)\times 7^4$
1865577 $:= (1\times 8+6)^5\times 5-7^7$
1865965 $:= (-1+(8\times 6^5-9)\times 6)\times 5$
1866125 $:= (1+8\times(6^6-1-2))\times 5$
1866165 $:= (1+8\times 6^6-16)\times 5$
1866168 $:= (-1-8+6^6\times(-1+6))\times 8$
1866169 $:= 1+8\times(6^6\times(-1+6)-9)$
1866195 $:= (1\times 8\times 6^6-1\times 9)\times 5$
1866220 $:= (-1^8+6^6\times 2)\times 20$
1866225 $:= (1+(8\times 6^6-2-2))\times 5$
1866231 $:= -1+8\times(6^6\times(2+3)-1)$
1866235 $:= 1\times 8\times 6^6\times(2+3)-5$
1866240 $:= (18\times(6+6))^2\times 40$
1866241 $:= 1+8\times 6^6\times(2+4-1)$
1866245 $:= (1^8+6^6\times 2\times 4)\times 5$
1866249 $:= -1+(8\times 6^6+2)\times(-4+9)$
1866265 $:= (1+8\times 6^6-2+6)\times 5$
1866285 $:= (1-8+(6^6+2)\times 8)\times 5$
1866295 $:= (1\times 8\times 6^6+2+9)\times 5$
1866315 $:= (-1+8\times(6^6+3-1))\times 5$
1866325 $:= (1+8\times((6\times 6)^3+2))\times 5$
1866345 $:= (1+8\times(6^6+3)-4)\times 5$
1866351 $:= -1+8\times((6^6+3)\times 5-1)$
1866355 $:= 1\times 8\times(6^6+3)\times 5-5$
1866361 $:= 1+8\times(6^6+3)\times(6-1)$
1866365 $:= (1+8\times(6^6-3+6))\times 5$
1866405 $:= (1+8\times(6^6+4))\times 05$
1866440 $:= (1+8+6^6-4)\times 40$
1866457 $:= 1+8\times((6^6+4)\times 5+7)$
1866465 $:= (-1+(8\times 6^6+46))\times 5$
1866475 $:= (1\times 8\times 6^6+47)\times 5$
1866485 $:= (1+8\times 6^6+48)\times 5$
1866525 $:= (1+8\times(6^6+5+2))\times 5$

1866537 $:= 1+8\times(6^6\times 5+37)$
1866559 $:= -1+(8+6^6)\times(-5+5\times 9)$
1866568 $:= ((-1+8+6^6)\times 5+6)\times 8$
1866576 $:= 1\times 8\times(6^6\times 5+7\times 6)$
1866595 $:= (-1+8\times(6\times 6^5+9))\times 5$
1866645 $:= (1+8\times(6^6+6+4))\times 5$
1866765 $:= (1+8\times(6^6+7+6))\times 5$
1866840 $:= (-1+8+6^6+8)\times 40$
1866885 $:= (1+8\times(6^6+8+8))\times 5$
1872119 $:= (-1+8)^7+2^{1+19}$
1872761 $:= 18^{7-2}-7^{6-1}$
1872780 $:= ((-1+8)\times 7)^2\times 780$
1874048 $:= ((1+87)/4)^{04}\times 8$
1874162 $:= 1+(8+7\times 4+1)^{6-2}$
1875181 $:= (-1+8)^{-1+5}\times 781$
1882035 $:= (1+88^2)\times 03^5$
1882376 $:= -1\times 8+(8+2^3)\times 7^6$
1884785 $:= (-1+8)^{8-4}\times 785$
1885527 $:= (-1+8\times(8+5)\times 5)^2\times 7$
1889424 $:= 18\times(-8+(9\times 4/2)^4)$
1889481 $:= 18^{-4+9}-88+1$
1889484 $:= 18^{-8+9+4}-84$
1889495 $:= -1^8+8\times(-9+4\times 9^5)$
1889504 $:= 1\times 8\times(-8+9^5\times 04)$
1889524 $:= (-1-8+8\times 9^5-2)\times 4$
1889528 $:= (-1+(-8+8\times 9^5)/2)\times 8$
1889534 $:= (1^8+8+9)^5-34$
1889537 $:= 1+(-8+8\times 9^5)\times(-3+7)$
1889553 $:= (1^8+8+9)^5-5\times 3$
1889559 $:= ((1^8+89)/5)^5-9$
1889561 $:= (1^8+8+9)^5-6-1$
1889564 $:= (1-8+8\times 9^5+6)\times 4$
1889567 $:= (1^8+8+9)^5+6-7$
1889568 $:= 18^{8-(9-5)\times 6/8}$
1889582 $:= (-1+(8+8)\times 9^5+8)\times 2$
1889584 $:= 1\times 8+8+9^5\times 8\times 4$

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1897255 $:= (((-1+89)\times 7)^2-5)\times 5$
1906623 $:= -1+(90+6\times 6-2)^3$
1906659 $:= 190-6^6+5^9$
1913759 $:= -(19-1)\times 3^7+5^9$
1926785 $:= 1+(9-2)\times 6^7-8^5$
1928444 $:= (1+92)\times(8+4)^4-4$
1928448 $:= (1+92)\times(8+4)^{-4+8}$
1938275 $:= 19^{-3+8}-(2\times 7)^5$
1946558 $:= -1\times 9^4-6+5\times 5^8$
1950937 $:= -1^9+5^{09}-3^7$
1952159 $:= -(1+9\times 5)\times 21+5^9$
1952773 $:= -1\times 9+5^{2+7}-7^3$
1952925 $:= (1-9+5^{-2+9})\times 25$
1952959 $:= -195+29+5^9$
1952991 $:= -19\times(9-2)+5^9-1$
1953029 $:= -1-95+(3+02)^9$
1953059 $:= -1-95+30+5^9$
1953085 $:= (1-9+5^{3\times 0+8})\times 5$
1953098 $:= -19+5^{3\times 0+9}-8$
1953106 $:= -19+5^{3\times 1+06}$
1953113 $:= -1\times 9+5^{3^{1+1}}-3$
1953115 $:= -1-9+5^{3\times 1+1+5}$
1953116 $:= -1\times 9+5^{3-1+1+6}$
1953117 $:= 1-9+5^{3-1\times 1+7}$
1953118 $:= 1^9+5^{3^{1+1}}-8$
1953119 $:= -1^9-5+(3+1+1)^9$
1953122 $:= -1^9+5^{(3\times 1)^2}-2$
1953123 $:= 1^9+5^{(3\times 1)^2}-3$
1953124 $:= -1^9+5^{3\times 12/4}$
1953125 $:= (1+9-5)^{3-1+2+5}$
1953126 $:= 1^9+5^{3+12-6}$
1953127 $:= 1\times 9+5^{(3\times 1)^2}-7$
1953129 $:= 1\times 9-5+(3\times 1+2)^9$
1953132 $:= 1\times 9+(5^3\times 1)^3-2$
1953133 $:= -1+9+5^{(3-1)\times 3+3}$
1953134 $:= 1\times 9+5^{3-1+3+4}$
1953135 $:= 1+9+(5^3)^{1-3+5}$
1953137 $:= 19+(5^3\times 1)^3-7$
1953139 $:= 1\times 9+5+(3-1+3)^9$
1953141 $:= (1\times 4+1)\times 3+5^9+1$
1953144 $:= 19+5^{3^{1+4/4}}$
1953148 $:= -1+9+5\times(3+(1+4)^8)$
1953149 $:= 1\times 9+5\times 3+(1+4)^9$
1953159 $:= 19+5\times 3+1\times 5^9$
1953165 $:= (-1+9+5^{3-1+6})\times 5$
1953219 $:= -1+95+((3+2)\times 1)^9$
1953259 $:= 1+9\times 5\times 3-2+5^9$
1953585 $:= (1\times 95-3+5^8)\times 5$
1953596 $:= 1\times 9\times 53+5^9-6$
1953629 $:= 1-9+5^{3+6}+2^9$
1953659 $:= -195+3^6+5^9$
1953691 $:= 1\times 9\times 63+5^9-1$
1953759 $:= 1\times 9+5^{-3+7}+5^9$
1953793 $:= 1+9\times 53\times(7+9)^3$
1953846 $:= 1\times 9\times(53\times 8^4+6)$
1956246 $:= (1+95\times 6)^{-2+4}\times 6$
1958769 $:= ((1+9)^5-8+7^6)\times 9$
1959677 $:= -1+(9+5)\times 9+6^7\times 7$
1961984 $:= ((-1+9)\times 61-9)\times 8^4$
1964635 $:= (-1+96\times(4^6-3))\times 5$
1965848 $:= -1+9+6\times 5\times(-8+4^8)$
1965985 $:= (-19+6\times(-5+9)^8)\times 5$
1968128 $:= (1+9+6\times 81)^2\times 8$
1968300 $:= (1\times 9-6)^8\times 300$
1972544 $:= ((-1+9)\times 7)^2\times(5^4+4)$
1975392 $:= (1^9+75)^3\times 9/2$
1982464 $:= (19-8)^2\times 4^6\times 4$
1994542 $:= 19\times(9+4+5)^4-2$
1994544 $:= 19\times 9^4\times(5\times 4-4)$
1999962 $:= (-19+(9/9+9)^6)\times 2$
2037677 $:= (2+03)^7+6^7\times 7$
2044436 $:= 20+4\times 44^3\times 6$

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2048383 $:= (2 \times (0 - 4 + 8^3)/8)^3$
2052866 $:= 2 + (052 - 8) \times 6^6$
2074896 $:= ((2 \times 07)^4 + 8) \times 9 \times 6$
2085133 $:= (-2 + 08 \times 5)^{1+3} - 3$
2085134 $:= -2 + (08 \times 5 + 1 - 3)^4$
2085136 $:= (-2 + 08 \times 5)^{1-3+6}$
2086384 $:= 208 \times 6 + 38^4$
2086394 $:= (20 + 86) \times 3^9 - 4$
2091045 $:= 209 \times (10^4 + 5)$
2096587 $:= 20 - 9 \times 65 + 8^7$
2096852 $:= -20 \times (9 + 6) + 8^{5+2}$
2096987 $:= -20 \times 9 + 6 + 9 + 8^7$
2097087 $:= -2 - 09 \times 7 + 08^7$
2097134 $:= -2 \times 09 + (7 + 1)^{3+4}$
2097143 $:= 2 \times 0 - 9 + (7 + 1)^{4+3}$
2097144 $:= 2 \times ((09 + 7)^{1+4} - 4)$
2097146 $:= 2^{0 \times 9 + 7 + 14} - 6$
2097151 $:= 2^{09+7 \times 1+5} - 1$
2097152 $:= (2 \times 0 + 9 + 7 \times 1)^5 \times 2$
2097154 $:= 2 + (09 - 7)^{1+5 \times 4}$
2097161 $:= 2 \times 0 + 9 + (7 + 1)^{6+1}$
2097168 $:= (2 + (0 \times 9 + 7 + 1)^6) \times 8$
2097181 $:= 20 + 9 + (7 + 1)^{8-1}$
2097184 $:= (2^{09+7} + 1) \times 8 \times 4$
2097187 $:= 20 + 9 + 7 - 1 + 8^7$
2097247 $:= -2 + 097 + (2 \times 4)^7$
2098587 $:= 20 \times 9 \times 8 - 5 + 8^7$
2099460 $:= 20 \times (9 + 9)^4 - 60$
2099493 $:= 20 \times (9 + 9)^4 - 9 \times 3$
2099515 $:= 20 \times (9 + 9)^{5-1} - 5$
2099520 $:= (2 \times 09)^{9-5} \times 20$
2099665 $:= (20 + 9 + 9 \times 6^6) \times 5$
2101242 $:= ((2^{10} + 1)^2 - 4) \times 2$
2101262 $:= ((2^{10} + 1)^2 + 6) \times 2$
2117661 $:= (2 + 1) \times ((-1 + 7^6) \times 6 - 1)$
2117662 $:= (2 + 1) \times (-1 + 7^6) \times 6 - 2$
2117663 $:= 2 - (1 + (1 - 7^6) \times 6) \times 3$
2117682 $:= (2 + 1) \times 1 \times 7^6 \times (8 - 2)$
2117694 $:= 2 \times (1 + 1 + 7^6 \times 9 + 4)$
2117695 $:= 2 \times (1 + 1 \times 7^6) \times 9 - 5$
2117696 $:= 2 \times (1 + 1 \times 7^6 \times 9 + 6)$
2117697 $:= 2 \times (11 + 7^6 \times 9) - 7$
2117698 $:= 2 \times ((1 - 1 + 7^6) \times 9 + 8)$
2117699 $:= -2 + 1 + (1 + 7^6) \times (9 + 9)$
2121843 $:= ((2 - 1) \times 21 + 8)^4 \times 3$
2125748 $:= -(2 - (1 + 2)^{5+7}) \times 4 - 8$
2125762 $:= -2 + (1 + 2)^{5+7} \times (6 - 2)$
2125764 $:= (2 + 1)^{25-7-6} \times 4$
2125964 $:= (2 \times 1 \times 25 + 9^6) \times 4$
2126493 $:= (2 + 1)^{2 \times 6} \times 4 + 9^3$
2146176 $:= (2 - 1) \times 46 \times (-1 + 7)^6$
2146266 $:= -2 + 1 \times 46 \times (2 + 6^6)$
2146592 $:= 2 \times (14 \times (65 + 9))^2$
2146725 $:= 21 \times (4^6 - 7) \times 25$
2151275 $:= -21 + (5 - 1) \times (2 \times 7)^5$
2162679 $:= 2^{16} + (2 + 6)^7 - 9$
2184910 $:= (-2 + 1 + 8)^4 \times 910$
2187572 $:= 2 \times (18 + 7 \times 5^7) \times 2$
2187574 $:= 2 + (18 + 7 \times 5^7) \times 4$
2187648 $:= (218 - 7) \times 6^4 \times 8$
2193776 $:= -2 + 19 \times (-3^7 + 7^6)$
2217121 $:= (-2 + 21 \times 71)^2 \times 1$
2218524 $:= 22 \times (-1 + 8)^5 \times (2 + 4)$
2227756 $:= -2 + (-2/2 + 7 + 7)^5 \times 6$
2228224 $:= (2 + (2 + 2) \times 8) \times 2^{2^4}$
2237438 $:= -2 + (-2 + 3^7) \times 4^{-3+8}$
2239265 $:= -223 + 9 \times (2 \times 6)^5$
2239466 $:= -22 + (3 + 9) \times 4 \times 6^6$
2239476 $:= -2 + (2^3 \times 9)^{-4+7} \times 6$
2239485 $:= 2 - 2 - 3 + 9 \times (4 + 8)^5$
2239519 $:= 22 + ((3 + 9)^5 + 1) \times 9$
2239678 $:= -2 + (2 \times (3 + 9) + 6^7) \times 8$

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2265857 $:= ((2+2)\times 6+5)\times(8+5^7)$
2275290 $:= (22\times 7+5)^2\times 90$
2284855 $:= ((-2+28)^{-4+8}-5)\times 5$
2284875 $:= ((-2+28)^4-8+7)\times 5$
2284885 $:= ((-2+28)^4+8/8)\times 5$
2284945 $:= ((-2+28)^4+9+4)\times 5$
2286166 $:= 22+(8\times 6+1)\times 6^6$
2286372 $:= 228+(6^3\times 7)^2$
2294586 $:= (-2-2^{9+4}+5^8)\times 6$
2302913 $:= 2+3^{02+9}\times 13$
2313433 $:= -2+(3\times 13)^4-3-3$
2313435 $:= 2+(3\times 13)^4-3-5$
2313436 $:= -2+(3\times 13)^4+3-6$
2313438 $:= 2+(3\times 13)^4+3-8$
2313439 $:= -2+3\times 13^4\times 3\times 9$
2313441 $:= (2\times 3-1+34)^4\times 1$
2313443 $:= 2+(3\times 13)^4\times(4-3)$
2313444 $:= (2+(3\times 13)^4)+4/4$
2313464 $:= 23+(-1+34+6)^4$
2322447 $:= -2+3+(2+24^4)\times 7$
2323240 $:= (-2+3^{2+3})^2\times 40$
2328745 $:= 23\times 2\times(8+7)^4-5$
2332550 $:= ((2\times 3)^{3\times 2}-5)\times 50$
2333744 $:= (2+3\times(-3+(3\times 7)^4))\times 4$
2339358 $:= 2\times 3\times(-3-9^3+5^8)$
2343558 $:= 2\times 3\times(-4\times(3+5)+5^8)$
2343584 $:= 2\times(-3^4+3\times 5^8)-4$
2343586 $:= -2+(-3^4/3+5^8)\times 6$
2343658 $:= -2\times(3+43)+6\times 5^8$
2343745 $:= 2\times 3\times(4+3\times 7)^4-5$
2343748 $:= -2+3\times(43+7)^4/8$
2343750 $:= (2+3)^4\times 3750$
2343786 $:= 2\times 3\times((4\times 3-7)^8+6)$
2348838 $:= (2+348+8)\times 3^8$
2352643 $:= 2\times 3+(5+2\times 64)^3$
2352982 $:= 2+(3^5+2)\times 98^2$
2356727 $:= 2+3\times(5\times 67)^2\times 7$
2358639 $:= (-2\times 35+8^6-3)\times 9$
2359168 $:= (2^{3\times 5}\times 9-16)\times 8$
2359248 $:= (2^{3\times 5}\times 9-2-4)\times 8$
2359263 $:= 2-35+9\times 2^{6\times 3}$
2359266 $:= -2\times 3\times 5+9\times(2+6)^6$
2359292 $:= 2\times(3-5)+9\times 2^{9\times 2}$
2359293 $:= 2^{3\times 5}\times(9^2-9)-3$
2359296 $:= 2^{3\times 5}\times(9\times 2+9\times 6)$
2359298 $:= 2+(3+5)^{9-2}\times 9/8$
2359299 $:= 2^3-5+9\times 2^{9+9}$
2359359 $:= (2+(3+5)^{9-3}+5)\times 9$
2359368 $:= (2^{3\times 5}\times 9+3+6)\times 8$
2359560 $:= 2^3\times 5\times(9^5-60)$
2359586 $:= 2+3^5+9\times(5+8^6)$
2359928 $:= ((2^{3\times 5}+9)\times 9-2)\times 8$
2359944 $:= (2^{3\times 5}+9)\times 9\times(4+4)$
2361954 $:= 2\times(-3+(6-1)\times 9^5\times 4)$
2361955 $:= 2^3\times(6-1)\times 9^5-5$
2361960 $:= 2\times 3^{6+1}\times 9\times 60$
2362927 $:= (23+62\times 9)^2\times 7$
2364985 $:= (-2+3+6)^4\times 985$
2371328 $:= (2+(3\times 7\times 1)^3)\times 2^8$
2371841 $:= 2\times(3\times(-7+18))^4-1$
2371842 $:= (2^3+7+18)^4\times 2$
2372783 $:= 23+(7-2)\times 78^3$
2387476 $:= (-2+3^8)\times 7\times 4\times(7+6)$
2394473 $:= ((2+3)\times 9^4-4)\times 73$
2394665 $:= (-23+9\times 4^6)\times 65$
2394735 $:= (-2\times 3+9^4\times 73)\times 5$
2402502 $:= 2+(40^2-50)^2$
2423537 $:= (2^{4^2}-35)\times 37$
2424832 $:= 2^{4^2}\times(4\times 8+3+2)$
2439762 $:= (2\times(-4+3^9)-7)\times 62$
2454375 $:= ((2\times 4)^5-43)\times 75$
2457075 $:= ((2\times 4)^5-7)\times 075$

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2457550 $:= (2\times 4)^5\times 75-50$
2457586 $:= (2\times 4)^5\times 75-8-6$
2457591 $:= (2\times 4)^5\times 75-9\times 1$
2457599 $:= (2\times 4)^5\times 75-9/9$
2457600 $:= (-2+4)^{5+7}\times 600$
2457675 $:= ((2\times 4)^5+7-6)\times 75$
2458575 $:= ((2\times 4)^5+8+5)\times 75$
2458624 $:= (2-4+58)^{6-2}/4$
2458744 $:= 24\times 5+(8\times 7)^4/4$
2459353 $:= 2-4^5+(9\times 3\times 5)^3$
2459762 $:= 2\times (4^5+9+76)^2$
2469538 $:= (2^4-6+9)^5-3^8$
2470613 $:= -2^4+7^{06+1}\times 3$
2470621 $:= -2\times 4+7^{06}\times 21$
2470637 $:= 2\times 4+7^{06}\times 3\times 7$
2476115 $:= 2^4+(7+6\times (1+1))^5$
2480195 $:= 2^{4+8}+019^5$
2488315 $:= (2\times (4+8)^{8-3}-1)\times 5$
2488335 $:= (2\times (4+8)^{8-3}+3)\times 5$
2513702 $:= 2+513\times 70^2$
2517696 $:= (-2^5+(-1+7)^6)\times 9\times 6$
2519367 $:= (2-5)\times (19-3\times 6^7)$
2519424 $:= (2\times 5-1+9)^4\times 24$
2519426 $:= 2+(5+1)\times 9\times (4+2)^6$
2519427 $:= -2+5+1\times 9\times (4+2)^7$
2519467 $:= 2+5+1\times 9\times (4+6^7)$
2531350 $:= (2+(5\times 3)^{1+3})\times 50$
2531385 $:= (-2\times 5+31^3)\times 85$
2543328 $:= 2^5\times (43^3-28)$
2543968 $:= 2^5\times (43^{9-6}-8)$
2544352 $:= 2^5\times (4+43^{5-2})$
2562582 $:= (2\times (5^6-2)+5)\times 82$
2562824 $:= 2\times (5^6+2)\times 82-4$
2566055 $:= -25+6^6\times 055$
2566115 $:= (2+5+6^6\times 11)\times 5$
2566117 $:= 2+5\times (6^6\times 11+7)$
2566118 $:= -2+5\times (6^6\times 11+8)$
2571353 $:= (2^5+7\times 1\times 3\times 5)^3$
2578123 $:= -2+5^7\times (8+1+2)\times 3$
2578257 $:= (-2+5\times 7)\times (8/2+5^7)$
2578383 $:= (-2+(5^7+8)\times (3+8))\times 3$
2587439 $:= -25+(-8+74)^3\times 9$
2587627 $:= (2-5+(8\times 76)^2)\times 7$
2588276 $:= -2+((-5+8)\times 8-2)\times 7^6$
2599344 $:= ((-2+5)^9+9)\times 3\times 44$
2611044 $:= 261\times (10^4+4)$
2612736 $:= 2^{6+1+2}\times 7\times 3^6$
2613247 $:= (-2+613)^{-2+4}\times 7$
2615373 $:= -2+61\times 5^3\times 7^3$
2621280 $:= (2^{-6+21}-2)\times 80$
2621395 $:= (2^6\times 2^{13}-9)\times 5$
2621440 $:= ((2+6)\times 2\times 1)^4\times 40$
2621526 $:= (26^2-15)^2\times 6$
2626632 $:= 2\times (-6+2^6\times 6\times 3)^2$
2632375 $:= (2^{6\times 3}\times 2+3^7)\times 5$
2636325 $:= (26^3\times 6-3)\times 25$
2636525 $:= (26^3\times 6+5)\times 25$
2647965 $:= (-264\times 7+9^6)\times 5$
2649344 $:= 2\times (-6^4\times 9+34^4)$
2651273 $:= -2+(6^5-1)\times (-2+7^3)$
2654208 $:= (2^6\times (5+4))^2\times 08$
2656805 $:= ((-2+6+5)^6-80)\times 5$
2656885 $:= ((-2+6+5)^6-8\times 8)\times 5$
2656965 $:= (2+6-56+9^6)\times 5$
2657134 $:= (26+5^7)\times 1\times 34$
2657196 $:= 26+5\times (-7+1\times 9^6)$
2657217 $:= 2\times 6+5\times (7+2)^{-1+7}$
2657265 $:= 2\times 6\times 5+(7+2)^6\times 5$
2657295 $:= (-2\times 6+57)\times (2+9^5)$
2659385 $:= -2+6^5\times 9\times 38-5$
2659387 $:= 2+6^5\times 9\times 38-7$
2659468 $:= (2+6^5\times 9)\times (46-8)$

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$2663422 := ((2+6)\times 6\times 34)^2-2$
$2663424 := ((2+66)\times 3\times 4)^2\times 4$
$2665650 := (2^{6+6}+5)\times 650$
$2665796 := (2-6+6^5)\times 7^{9-6}$
$2669286 := ((-2+669)^2-8)\times 6$
$2672684 := 2\times(6+(-7\times 2+6\times 8)^4)$
$2683275 := (2\times(6+8^3)^2+7)\times 5$
$2685582 := (-2\times 6+8^5+5)\times 82$
$2685817 := -2^6\times 8^5+(8+1)^7$
$2686976 := (-2+6)^8\times(6\times 9-7-6)$
$2706739 := -2^7+067^3\times 9$
$2722572 := (2\times 7^5-2)\times(2+7)^2$
$2722734 := 2\times 7\times((2-2+7)\times 3)^4$
$2731572 := 2\times((7+51)^3\times 7+2)$
$2731687 := (-2^7\times 3+(-1+6)^8)\times 7$
$2733750 := (2+7)^3\times 3750$
$2734258 := 2+7\times(-34/2+5^8)$
$2734328 := 2+7\times(-3-4+(3+2)^8)$
$2734358 := -2\times 7-3+(4+3)\times 5^8$
$2734375 := (-2+7)^{3\times 4-3}\times 7/5$
$2734377 := 2+(7\times 3+4)^{-3+7}\times 7$
$2734587 := 2^7+(3\times 4+5^8)\times 7$
$2741856 := (-2+7\times 4)^{1+8-5}\times 6$
$2742328 := ((-2+74)\times 23)^2-8$
$2743973 := -27+(43+97)^3$
$2746744 := 2\times 7^4\times(6+7)\times 44$
$2752466 := -2+(7+52)\times(-4+6^6)$
$2752848 := 2\times 7\times(5-2)\times(8+4^8)$
$2764752 := -2+(7^6\times 47+5)/2$
$2764754 := 2\times(7^6\times 47+5)/4$
$2765954 := 2+(7+65)\times(9+5)^4$
$2767989 := (-27+6^7)/9\times 89$
$2784385 := (2+(7+8)^4\times(3+8))\times 5$
$2785253 := -27+85\times 2^{5\times 3}$
$2785877 := 2+(7+8^5)\times(8+77)$
$2788425 := (2-7+8)^8\times 425$
$2793472 := (-2+7^{9/3})\times 4^7/2$
$2796660 := ((2-7)\times 9+6^6)\times 60$
$2798410 := (2\times 7+9)^{8-4}\times 10$
$2799360 := ((2-7+9)\times 9)^3\times 60$
$2812329 := (281\times 2-3)^2\times 9$
$2812572 := 2\times(8+1)\times 2\times(5^7+2)$
$2812574 := 2+(8+1)\times(2+5^7)\times 4$
$2822400 := (2+82)^2\times 400$
$2823576 := (28-2+3-5)\times 7^6$
$2823624 := (2+(8/2+3)^6)\times 24$
$2823768 := 2\times 8/2\times 3\times(7^6+8)$
$2825759 := -2+(8-2+5\times 7)^{-5+9}$
$2825764 := (-2+8)/2+(5\times 7+6)^4$
$2829134 := 2+8+29^{1+3}\times 4$
$2829154 := -2+(8+29^{-1+5})\times 4$
$2833918 := -2+8\times(-3+3^9)\times 18$
$2834256 := 2\times 8\times(3^{4^2-5}-6)$
$2834344 := 2\times(8\times 3^{4+3+4}-4)$
$2834346 := 2\times 8\times(3^{4+3+4}-6)$
$2834351 := 2\times 8\times(3^{-4+3\times 5}-1)$
$2834352 := 2\times 8\times 3^{4\times 3}/(5-2)$
$2834676 := (-2+8\times(3^{4+6}+7))\times 6$
$2834752 := 2\times 8\times(3^{4+7}+5^2)$
$2838672 := (2+8+3^8)\times 6\times 72$
$2839714 := 2\times(8+3^{9-7})^{1+4}$
$2850816 := (2+85)\times 08^{-1+6}$
$2857143 := (2^8\times 5^7+1)/(4+3)$
$2857216 := 2^8\times(5^7+2)/(1+6)$
$2857525 := 2\times 85\times(7^5+2)-5$
$2857728 := (2\times 8+5^7)/7\times 2^8$
$2858935 := (2\times 8+58+9)^3\times 5$
$2858963 := 28+5\times(89-6)^3$
$2859936 := 2\times(8+5\times 9+9)^3\times 6$
$2863288 := (2\times(8+63))^{2+8/8}$
$2869782 := (-2+8+6\times 9^7)/(8+2)$
$2882878 := -2+88\times(2^{8+7}-8)$

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2883234 $:= 2+88\times(32^3-4)$
2883446 $:= (2^{8+8}-3)\times 44-6$
2883497 $:= -2-8+(8+3)\times(4^9-7)$
2883561 $:= (-2+(8\times 8)^3)\times(5+6)-1$
2883568 $:= (-2+8^{8-3}\times(5+6))\times 8$
2883582 $:= -2+(8\times 8)^3\times(5+8-2)$
2883582 $:= -2+8^5\times(3\times 8+8^2)$
2883584 $:= 2\times 8^{8-3}\times(5\times 8+4)$
2883586 $:= 2-(8-8\times 3+5)\times 8^6$
2883846 $:= -2+88\times(3+8\times 4^6)$
2883862 $:= 2^8+(8+3)\times(8^6+2)$
2884992 $:= (2\times 8\times 8+4^9)\times(9+2)$
2893695 $:= (-2+(8+9)\times 3)\times(6+9^5)$
2923235 $:= (292-3)^2\times 35$
2939244 $:= (2-9)\times(3-(9\times 2)^4)\times 4$
2939328 $:= (2\times 9)^{(3+9)/3}\times 28$
2939657 $:= (2+9\times((-3+9)^6+5))\times 7$
2941225 $:= (-2+9)^4\times 1225$
2948445 $:= (-2-9+4^8-4)\times 45$
2948599 $:= -2^9+4^8\times 5\times 9-9$
2948725 $:= (2-(9-4^8)\times(7+2))\times 5$
2948755 $:= (2+9\times 4^8-75)\times 5$
2948765 $:= (-2+9\times(4^8-7)-6)\times 5$
2948795 $:= (-2+9\times 4^8-7\times 9)\times 5$
2948815 $:= (2+9\times(4^8-8+1))\times 5$
2948859 $:= (2+9+(4^8-8)\times 5)\times 9$
2948950 $:= (2+(9^4-8)\times 9)\times 50$
2949115 $:= (-2+9\times 4^{9-1}+1)\times 5$
2949154 $:= -2+9\times(4^{9-1}\times 5+4)$
2949155 $:= (2+9\times 4^{9-1}+5)\times 5$
2951950 $:= (-2+9^5+1-9)\times 50$
2952325 $:= (2\times 9^5-2-3)\times 25$
2952350 $:= (-2+9^5)\times(-2+3)\times 50$
2952432 $:= 2\times(-9+(5\times 243)^2)$
2952448 $:= -2+9^5\times(-2+4+48)$
2952450 $:= (2+9^5+2-4)\times 50$
2952452 $:= 2+9^5\times(2-4+52)$
2952525 $:= (2\times 9^5-2-5)\times 25$
2952535 $:= (2\times(9^5+2)\times 5-3)\times 5$
2952542 $:= ((2+9^5)\times 25-4)\times 2$
2952550 $:= 2\times(9^5\times 25+50)$
2952562 $:= ((2+9^5)\times 25+6)\times 2$
2952595 $:= (2\times(9^5+2)\times 5+9)\times 5$
2952725 $:= (2\times(9^5+2)+7)\times 25$
2952850 $:= (2+9^5-2+8)\times 50$
2953773 $:= ((2+9)^5-3+7^7)\times 3$
2954650 $:= (-2+9^5+46)\times 50$
2955050 $:= (2+9^5+50)\times 50$
2956583 $:= 2+9\times(5+6+58)^3$
2957312 $:= 2\times(9-(5\times 7)^{3-1})^2$
2958236 $:= 2+(95-8\times 2)^3\times 6$
2963568 $:= (((-2+9)\times 6)^3\times 5+6)\times 8$
2963840 $:= (((-2+9)\times 6)^3+8)\times 40$
2978694 $:= (2^9\times 7/8+6)\times 9^4$
2982912 $:= 2^9\times(8^2\times 91+2)$
2985264 $:= 2\times 9\times 8\times(-5+(2\times 6)^4)$
2985466 $:= -2^9+((8-5)\times 4)^6-6$
2985626 $:= 2-9\times 8\times 5+(6\times 2)^6$
2985662 $:= 2^9/8\times(-5+6^6)-2$
2985892 $:= (2\times 9\times 8)^{-5+8}-92$
2985896 $:= -(2+9)\times 8+(-5+8+9)^6$
2985963 $:= -2\times 9+(8-5+9)^6-3$
2985966 $:= -2\times(9+8\times(5-9)\times 6^6)$
2985977 $:= (2\times 9\times 8)^{5-9+7}-7$
2985982 $:= -2+(9/(8-5)+9)^{8-2}$
2985984 $:= (2\times 9\times 8\times 5+9)\times 8^4$
2985986 $:= 2+(9+8-5)^{(9-8)\times 6}$
2986216 $:= 29\times 8+(6\times 2\times 1)^6$
2986282 $:= 298+(6\times 2)^{8-2}$
2986496 $:= 2^9+(8\times 6-4\times 9)^6$
2986688 $:= ((2+9)\times 8+6^6\times 8)\times 8$
2986756 $:= -2+9\times 86+(7+5)^6$

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$2995750 := (2^9+9)\times 5750$
$2996352 := 2\times((9+9)\times(63+5))^2$
$2999824 := (2+(9+99)\times 8)^2\times 4$
$3111664 := -31-1+((1+6)\times 6)^4$
$3111674 := (-3+1)\times 11+(6\times 7)^4$
$3116475 := 3^{1+1+6}\times 475$
$3124988 := 3+1+(-2+(-4+9)^8)\times 8$
$3127323 := (-3+1\times 2^{7+3})^2\times 3$
$3133452 := 3\times(1^3-3+4^5)^2$
$3145488 := (3-1+4)\times(-5+4^8)\times 8$
$3145557 := 3\times(1\times 4^{5+5}-57)$
$3145569 := 3\times(1+4^{5+5}-6\times 9)$
$3145593 := ((3-1)^{4\times 5}-5\times 9)\times 3$
$3145722 := 3\times(1\times 4^{5+7-2}-2)$
$3145724 := 3\times 1\times 4^{5+7-2}-4$
$3145725 := 3\times(-1+4^{5\times 7-25})$
$3145728 := (3-1)^{4\times 5}\times(-7+2+8)$
$3145731 := 3\times(1+4^{5+7-3+1})$
$3145746 := 3\times(((1+4)\times 5+7)^4+6)$
$3145749 := 3\times(-1+4\times(-5+7+4^9))$
$3176379 := (3\times(1\times 7^6-3)-7)\times 9$
$3176418 := 3\times(1+(7^6-4)\times(1+8))$
$3176439 := -3+(1+7^6-4)\times 3\times 9$
$3176469 := 3\times(1\times 7^6+4-6)\times 9$
$3176499 := 3-(1-7^6)\times(4\times 9-9)$
$3176523 := ((31-7)\times 6+5-2)^3$
$3176525 := 3-1+7^6\times(-5+2^5)$
$3176526 := 3\times(1+7^6\times(5-2+6))$
$3176529 := -3+(1+7^6\times(5-2))\times 9$
$3176545 := 3\times(1+7^6)\times(5+4)-5$
$3176547 := 3\times(1+7^6\times(5+4)+7)$
$3176559 := (3\times(1+7^6)+5/5)\times 9$
$3176649 := (3\times(1\times 7^6+6)-4)\times 9$
$3176691 := 3\times(1+(7^6+6)\times 9+1)$
$3176694 := 3\times(-1+(7^6+6)\times 9+4)$
$3176709 := 3\times(-1+(7^6+7)\times 09)$
$3176739 := (3+(1\times 7^6+7)\times 3)\times 9$
$3176793 := (3+1\times 7^6+7)\times 9\times 3$
$3188628 := (-3+(1^8+8)^6)\times(-2+8)$
$3188646 := 3^{1^8\times 8+6}\times 4/6$
$3188662 := (3+(1^8+8)^6)\times 6-2$
$3189375 := (3\times 18-9)^3\times 7\times 5$
$3195396 := (3^{1+9}+5^3)\times 9\times 6$
$3219264 := 3^{2+1}\times 92\times 6^4$
$3226955 := 3^2+2+6\times(9+5)^5$
$3240125 := (3+2\times 401)^2\times 5$
$3247695 := (3-24+76)\times 9^5$
$3251250 := ((3+2)\times 51)^2\times 50$
$3255199 := (3\times(25^5-1)/9-9)$
$3255209 := 3\times(25^5+2)/09$
$3255212 := 3+(25^5+2)/(1+2)$
$3255213 := 3+2+(5^{5\times 2}-1)/3$
$3265570 := (3\times 2\times 6^5-5)\times 70$
$3265816 := 3^{2\times 6}+5^8\times(1+6)$
$3265837 := 3^{2\times 6}+(5^8+3)\times 7$
$3265915 := ((3\times 2)^6\times(5+9)-1)\times 5$
$3265935 := ((3\times 2)^6\times(5+9)+3)\times 5$
$3266235 := (3^2+6^6\times 2)\times 35$
$3266970 := ((3\times 2)^6+6+9)\times 70$
$3274850 := (-32-7+4^8)\times 50$
$3278125 := (3+2)^7+(8+12)^5$
$3281376 := ((3+2)^{8-1}+3)\times 7\times 6$
$3285669 := 3\times((2\times 8)^5+6^6-9)$
$3286972 := 3+((2^8-6+9)\times 7)^2$
$3289755 := (-(3+2)^8+(9+7)^5)\times 5$
$3290724 := (32+907^2)\times 4$
$3292515 := (3\times 29)^{-2+5}\times 1\times 5$
$3292525 := ((3\times 29)^{-2+5}+2)\times 5$
$3294177 := 3+2+(9-4-1)\times 7^7$
$3294187 := 3\times 2+9+4\times(-1+8)^7$
$3294675 := 3\times((2+9)^4+6)\times 75$
$3307275 := (-3+(30\times 7)^2)\times 75$

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3325582 $:= (3^{3^2} - 5) \times (5 + 8)^2$
3342336 $:= (3 \times 34) \times 2^{3 \times 3 + 6}$
3342357 $:= 3 \times (34 \times 2^{3 \times 5} + 7)$
3342489 $:= 3 \times (3 + 4^{2 \times 4}) \times (8 + 9)$
3352671 $:= -3^{3+5} + 2 \times 6^{7+1}$
3352689 $:= -3^{3+5} + 2 \times (6^8 + 9)$
3359226 $:= (3 + 3)^{(-5+9) \times 2} \times 2 - 6$
3359232 $:= (3/3 + 5)^{9+2-3} \times 2$
3359243 $:= -3 + (-3 + 5^{9-2}) \times 43$
3359244 $:= (3 + (3 + 5) \times (9 \times 2)^4) \times 4$
3359259 $:= (3 + ((3 + 5) \times 9)^{-2+5}) \times 9$
3359268 $:= (3 \times 3 - 5) \times 9 + 2 \times 6^8$
3359367 $:= 3^3 \times 5 + (9 + 3) \times 6^7$
3359442 $:= (3 \times 35 + (9 \times 4)^4) \times 2$
3365739 $:= 3 \times (-3 \times 6 + 57 \times 3^9)$
3365796 $:= 3 + (3 + 6)^5 \times (7 \times 9 - 6)$
3374583 $:= 3 \times (-3 + ((-7 + 4 \times 5) \times 8)^3)$
3375024 $:= (3 + 3) \times (750^2 + 4)$
3375648 $:= 3^3 \times (7 + 5^6 - 4) \times 8$
3407355 $:= (3^4 + 07)^3 \times 5 - 5$
3417974 $:= (3 + (4 + 1^7)^9) \times 7/4$
3421956 $:= 3^4 + 219 \times 5^6$
3429248 $:= (3 \times (42 \times 9)^2 + 4) \times 8$
3444765 $:= -3 + (-4 + 447) \times 6^5$
3445435 $:= (-3 + 44) \times 5 \times (4 + 3)^5$
3449928 $:= (-3 + 44 \times 99^2) \times 8$
3451273 $:= (3 + 4) \times (-5 + 12 \times 7)^3$
3473408 $:= (3 + 47 + 3) \times 4^{08}$
3478225 $:= (-3 + 47 \times 8)^2 \times 25$
3479895 $:= 3 \times (4^7 \times 9 \times 8) - 9^5$
3484656 $:= 3 \times ((4 + 8)^4 + 6) \times 56$
3504384 $:= (3 \times 5^{04} - 3)^{8/4}$
3511793 $:= -3 \times 5 + (-1 + 17 \times 9)^3$
3512320 $:= (3 + 51 + 2)^3 \times 20$
3515622 $:= -3 + (5^{-1+5} \times 6/2)^2$
3515625 $:= (3 + 5 + 1) \times 5^6 \times 25$
3515778 $:= 3 \times (51 + 5^7 \times (7 + 8))$
3515795 $:= (35 - 1 + 5^7 \times 9) \times 5$
3518739 $:= (3 + (5 \times 1)^8 + 7^3) \times 9$
3529470 $:= 3 \times (5 + 2)^{9-4} \times 70$
3538629 $:= (-35 + 3 \times 8^6/2) \times 9$
3542770 $:= ((3 \times 5)^4 - 2 \times 7) \times 70$
3543115 $:= (35 + 4 \times 3^{11}) \times 5$
3543116 $:= (3 + 5)/4 \times (-3 + 11^6)$
3543122 $:= ((3 \times 5 - 4)^3 \times 1)^2 \times 2$
3546270 $:= ((3 \times 5)^4 + 6^2) \times 70$
3556544 $:= 3^5 \times (-5 + (6 + 5)^4) - 4$
3556548 $:= 3^5 \times (-5 + (6 + 5)^{-4+8})$
3562576 $:= (3 \times (5^6 + 2) - 5) \times 76$
3562848 $:= 356 \times ((2 + 8)^4 + 8)$
3569184 $:= (-35 + 69) \times 18^4$
3573587 $:= 3 + (-5 + (7 \times 3)^5)/8 \times 7$
3577392 $:= 3 \times ((5 \times 7 - 7) \times 39)^2$
3585746 $:= (-3 \times 58 + 5^7) \times 46$
3594824 $:= 3 + 5 + 948^2 \times 4$
3608550 $:= 3^{6 \times 0 + 8} \times 550$
3639870 $:= (36^3 + 9) \times (8 + 70)$
3640464 $:= (3 \times (640 - 4))^{6-4}$
3646944 $:= 3 \times 6^4 \times (-6 + 944)$
3650103 $:= 3^6 \times (5010 - 3)$
3652993 $:= 3^6 + (5 \times 29 + 9)^3$
3656133 $:= (-3 + 6 \times 5^6) \times 13 \times 3$
3656276 $:= (3 \times 6 \times 5^6 + 2) \times (7 + 6)$
3656367 $:= 3 \times (6 \times 5^6 + 3) \times (6 + 7)$
3657393 $:= -3 + 6 \times (5^7 + 3^{9+3})$
3662877 $:= -(3 + 6)^6 + 2 \times (8^7 + 7)$
3672702 $:= 3^6 \times (72 \times 70 - 2)$
3672720 $:= (3^6 \times 7 - 2) \times 720$
3676491 $:= (3 \times 67)^{6-4} \times 91$
3685000 $:= (3^6 + 8) \times 5000$
3687936 $:= (36 - 8)^{7-9/3} \times 6$
3696834 $:= 3 \times (6 \times (-9 + 68)^3 + 4)$

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3697929 $:= (3^6 - 9 - 79)^2 \times 9$
3704832 $:= (-3 + 70) \times 48^3/2$
3718953 $:= 3 \times 7 \times (-18 + 9^5) \times 3$
3718967 $:= ((-3 \times 7 + 1) \times 8 + 9^6) \times 7$
3719583 $:= 3 \times 7 \times (1 \times 9^5 - 8) \times 3$
3719643 $:= -3 + 7 \times (1 + 9^6 - 4^3)$
3719951 $:= -3 + 7 \times (-19 + 9^{5+1})$
3728761 $:= (3^7 - 2^8)^{7-6+1}$
3732555 $:= 3 \times ((7 + 3 + 2)^5 + 5) \times 5$
3735552 $:= (-3 + 7)^{3+5} \times (5 + 52)$
3744390 $:= (-3 + 7^4 \times 4) \times 390$
3746522 $:= (37^4 - (6 \times 5)^2) \times 2$
3747328 $:= (-3 + (7 + 4)^{7-3}) \times 2^8$
3747375 $:= ((3 + 7)^4 - 7) \times 375$
3747552 $:= (37^4 - 7 \times 55) \times 2$
3747593 $:= 37^4 \times (7 - 5) - 9^3$
3748224 $:= (-3 + 7) \times 4 \times (8 + 22^4)$
3748242 $:= (37^4 - (8 + 2) \times 4) \times 2$
3748253 $:= (37^4 - 8) \times 2 - 53$
3748269 $:= (37^4 + 8) \times 2 - 69$
3748282 $:= (37^4 + 8 - 28) \times 2$
3748289 $:= (37^4 - 8) \times 2 - 8 - 9$
3748292 $:= (37^4 - 8 + 2 - 9) \times 2$
3748312 $:= (37^4 - 8 + 3 \times 1) \times 2$
3748316 $:= 37^4 \times 8/(3 + 1) - 6$
3748321 $:= 37^{(4+8)/3} \times 2 - 1$
3748322 $:= 37^4 \times (8 \times 3 - 22)$
3748326 $:= ((37^4 + 8)/3 - 2) \times 6$
3748338 $:= (37^4 + 8) \times (-3 - 3 + 8)$
3748352 $:= (37^{-4+8} + 3 \times 5) \times 2$
3748382 $:= (37^4 - 8 + 38) \times 2$
3748386 $:= ((37^4 + 8)/3 + 8) \times 6$
3748392 $:= (37^4 + 8 + 3 \times 9) \times 2$
3748402 $:= (37^{-4+8} + 40) \times 2$
3748422 $:= (37^4 + 8 + 42) \times 2$
3749042 $:= (37^4 + 90 \times 4) \times 2$
3749852 $:= (37^4 + 9 \times 85) \times 2$
3751680 $:= 3 \times (7 + (5 \times 1)^6) \times 80$
3752775 $:= 3 \times (7^5 - 2^7) \times 75$
3758445 $:= (3^{7-5} + 8)^4 \times 45$
3764488 $:= (-3 + 7^6 \times 4 - 4 \times 8) \times 8$
3764624 $:= ((-3 + 7^6) \times 4 - 6) \times 2 \times 4$
3764666 $:= (3 - 7^6) \times (4 - 6 \times 6) - 6$
3764672 $:= (3 - 7^6) \times 4 \times (6 - 7 \times 2)$
3764688 $:= ((-3 + 7^6) \times 4 - 6 + 8) \times 8$
3764724 $:= (3 + (7^6 \times 4 - 7) \times 2) \times 4$
3764744 $:= (-3 + 7^6 \times 4) \times (7 + 4/4)$
3764759 $:= (3 \times 76 - 4) \times 7^5 - 9$
3764765 $:= -3 + 7^6 \times 4 \times (7 + 6 - 5)$
3764768 $:= (3 + 7 + 6)/4 \times (7^6 \times 8)$
3764792 $:= (3 + 7^6 \times 4) \times (7 + 9)/2$
3764808 $:= (-3 + 7^6 \times 4 + 8) \times 08$
3764832 $:= (3 + 7^6) \times 4 \times 8 - 32$
3764835 $:= 3 + (7^6 \times 4 + 8) \times (3 + 5)$
3764848 $:= ((3 + 7^6) \times 4 - 8/4) \times 8$
3764864 $:= (3 + 7^6) \times 48/6 \times 4$
3764865 $:= (3 + 7^6) \times 4 \times 8 + 6 - 5$
3764871 $:= (3 + 7^6) \times 4 \times 8 + 7 \times 1$
3764884 $:= (-3 + (7^6 + 4) \times 8) \times (8 - 4)$
3764925 $:= -3 + (7^6 - 4 + 9) \times 2^5$
3765632 $:= (-3 + 7^6 + 5 \times 6) \times 32$
3766848 $:= (-3 + 7^6 + 68) \times 4 \times 8$
3776768 $:= (3 \times 7 - 7 - 6)^7 + 6^8$
3779264 $:= (3^{7/7+9} + 2) \times 64$
3779588 $:= -3 + 7 + (7 + 9^5) \times 8 \times 8$
3781575 $:= (37 + 8 \times 1) \times 5 \times 7^5$
3782475 $:= 3 \times (-7 + 82) \times (4 + 7^5)$
3782969 $:= -(3 + 7)^{8-2} + 9^6 \times 9$
3795655 $:= 3^7/9 \times (5^6 - 5) - 5$
3796368 $:= (((-3 + 7 + 9) \times 6)^3 - 6) \times 8$
3796875 $:= (3 \times 7 + 9)/6 \times (8 + 7)^5$
3816336 $:= (3 \times 8 - 1 + 63)^3 \times 6$

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3819231 $:= ((38+1)\times 9)^2 \times 31$
3833853 $:= (38\times 3+3)\times 8^5 - 3$
3844746 $:= 3^8 \times ((4+4)\times 74 - 6)$
3865224 $:= 3\times 8\times (6+5)^{2/2+4}$
3865233 $:= 3\times (8\times (6+5)^{2+3}+3)$
3865272 $:= 3\times 8\times ((6+5)^{-2+7}+2)$
3865512 $:= 3\times 8\times ((6+5)^5+12)$
3868711 $:= (3+8)^6 + 8^7 - 1 - 1$
3868712 $:= (3+8)^6 + 8^7 + 1 - 2$
3868713 $:= (3+8)^6 + 8^7 \times 1^3$
3868714 $:= (3+8)^6 + 8^7 + 1^4$
3868727 $:= (3+8)^6 + 8^7 + 2\times 7$
3868749 $:= (3+8)^6 + 8^7 + 4\times 9$
3869893 $:= ((3+8)\times (6+9) - 8)^{9/3}$
3875031 $:= (3\times 8+7)\times (50^3+1)$
3885600 $:= (3^8 - 85)\times 600$
3891945 $:= 389\times ((1+9)^4+5)$
3893295 $:= ((3+89)^3 - 29)\times 5$
3893385 $:= ((3+89)^3 - 3 - 8)\times 5$
3893415 $:= ((3+89)^3 - 4 - 1)\times 5$
3893435 $:= ((3+89)^3 - 4 + 3)\times 5$
3893445 $:= ((3+89)^3 + 4/4)\times 5$
3893875 $:= ((3+89)^3 + 87)\times 5$
3897276 $:= (3^8\times (97+2)+7)\times 6$
3906259 $:= 3\times (9-06) + 2\times 5^9$
3918640 $:= (-3^9 + (-1+8)^6)\times 40$
3925911 $:= 3^9 + 2\times (5^9 - 11)$
3925917 $:= 3^9 + 2\times (5^9 - 1 - 7)$
3925923 $:= 3^9 + 2\times (5^9 - 2 - 3)$
3925941 $:= 3^9 + 2\times (5^9 + 4\times 1)$
3925957 $:= 3^9 + 2\times (5^9 + 5 + 7)$
3931965 $:= (-39 + 3\times (-1+9)^6)\times 5$
3931985 $:= (3\times (-9 + (3+1)^9) - 8)\times 5$
3932175 $:= (3 + (9-3)\times 2^{17})\times 5$
3932295 $:= 3\times (9 + (3\times 2 - 2)^9)\times 5$
3934200 $:= (3^9 - 3\times 4)\times 200$
3936375 $:= -3 + 9\times (3\times 6)^3 \times 75$
3936600 $:= 3^9/(-3+6)\times 600$
3937200 $:= (3 + 9\times 3^7)\times 200$
3938200 $:= ((3\times 9)^3 + 8)\times 200$
3955747 $:= (-3 + 9^5 - 5)\times (74 - 7)$
3956076 $:= (-3 + 9^5)\times (60+7) - 6$
3956295 $:= 3 + 9 + (5+62)\times 9^5$
3956676 $:= -3 + (9^5+6)\times 67 - 6$
3956679 $:= 3 + (9^5+6)\times 67 - 9$
3961629 $:= -3^9 + 6^{-1+6}\times 2^9$
3962865 $:= (-3 + 96^2\times 86)\times 5$
3966185 $:= (-3 + 9 + 6^6 - 1)\times 85$
3969585 $:= ((-3+9)^6 + 9\times 5)\times 85$
3975350 $:= (3\times (9+7) - 5)^3 \times 50$
3997684 $:= -3 - 9 + 976\times 8^4$
4032126 $:= (40^3+2)\times (-1+2^6)$
4054738 $:= 40 + (5^4 - 7)\times 3^8$
4088832 $:= (4+08)\times 88^3/2$
4088836 $:= 4 + (0\times 8 + 88)^3 \times 6$
4088856 $:= (4 + 088^{8-5})\times 6$
4112649 $:= (-4 - 11 + 26^4)\times 9$
4117565 $:= ((-4+11)^7 - 5\times 6)\times 5$
4117675 $:= -41 + 1 + 7^6\times 7\times 5$
4117705 $:= (-4 + 1 + 1 + 7^7)\times 05$
4117761 $:= 41 + (1+7^7)\times (6-1)$
4117765 $:= (4 + (1 - 1 + 7)^7 + 6)\times 5$
4117768 $:= (4+1)\times (1+7^7) + 6\times 8$
4117769 $:= (4+1)\times 1\times 7^7 + 6\times 9$
4117775 $:= (4+1)\times 1\times (7^7 + 7 + 5)$
4117785 $:= (4 + 1 + 1 + 7^7 + 8)\times 5$
4117795 $:= (-4 + 11 + 7^7 + 9)\times 5$
4117835 $:= ((-4+11)^7 + 8\times 3)\times 5$
4117925 $:= (41 + 1 + 7^{9-2})\times 5$
4128579 $:= (-4 + 1 + 2\times 8^5)\times 7\times 9$
4134516 $:= (41\times (3+4)^5 - 1)\times 6$
4134546 $:= (41\times (3+4)^5 + 4)\times 6$
4134660 $:= (41^3 - 4 - 6)\times 60$

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4134960 $:= (41^3 + 4 - 9) \times 60$
4135284 $:= (41^3 \times 5 + 2) \times (8 + 4)$
4135752 $:= 41 \times 3 \times (5 + 7^5) \times 2$
4152923 $:= 4 - 1 + 5 \times (2 + 92)^3$
4161282 $:= (4^{1+6} - 1) \times (2^8 - 2)$
4176250 $:= (4 + 17^{6-2}) \times 50$
4186112 $:= -4 + (186 \times 11)^2$
4192256 $:= 4^{1\times 9+2} - 2^{5+6}$
4193924 $:= (4^{1+9} - 3 - 92) \times 4$
4194104 $:= (-41 - 9 + 4^{10}) \times 4$
4194152 $:= 4^{1+9} \times 4 - 152$
4194164 $:= (4^{1+9} - 41 + 6) \times 4$
4194251 $:= 4^{1+9} \times 4 - 2 - 51$
4194252 $:= 4^{1\times 9+4-2} - 52$
4194253 $:= 4^{1+9} \times 4 + 2 - 53$
4194254 $:= -41 - 9 + 4^{2\times 5} \times 4$
4194257 $:= 4 \times (-1 - 9 + 4^{2\times 5}) - 7$
4194259 $:= 4^{1\times 9+4-2} - 5 \times 9$
4194264 $:= (4^{1+9} - 4^2 + 6) \times 4$
4194266 $:= 4^{1+9} \times 4 - 2 - 6 \times 6$
4194269 $:= 4^{1+9} \times 4 - 26 - 9$
4194272 $:= 4 \times (1 - 9) + (4 \times 2)^7 \times 2$
4194274 $:= 4^{1+9} \times 4 - 2 - 7 \times 4$
4194281 $:= -4 - 19 + 4^{2+8+1}$
4194284 $:= 4^{1+9} \times 4 - 2 \times 8 - 4$
4194287 $:= 4^{1+9} \times 4 - 2 - 8 - 7$
4194288 $:= 4^{1\times 9+4-2} - 8 - 8$
4194289 $:= 4^{1+9} \times 4 + 2 - 8 - 9$
4194301 $:= 4^{1+9} \times 4 - 3 \times 01$
4194302 $:= 4^{1+9} \times 4 - 3 \times 0 - 2$
4194303 $:= 4^{1+9} \times 4 - 3/03$
4194304 $:= 4^{1^9\times 4+3+04}$
4194307 $:= 4^{1+9} \times 4 + 3 + 0 \times 7$
4194308 $:= 4 + 1^9 \times 4^{3+08}$
4194312 $:= 4^{1+9} \times 4 + (3 + 1) \times 2$
4194313 $:= 4^{1+9} \times 4 + 3 \times 1 \times 3$
4194315 $:= (4^{1+9} + 4) \times (3 + 1) - 5$
4194316 $:= 4^{1+9} \times 4 + (3 - 1) \times 6$
4194317 $:= 4 \times 1 + 9 + 4^{3+1+7}$
4194318 $:= 4 + 1 + 9 + 4^{3\times 1+8}$
4194319 $:= -4 + 19 + 4^{3-1+9}$
4194322 $:= 4^{1+9} \times 4 + 3^2 \times 2$
4194324 $:= ((41 - 9)^4 + 3 + 2) \times 4$
4194325 $:= 4^{1+9} \times 4 + 3 \times (2 + 5)$
4194327 $:= 4 + 19 + 4^{-3+2\times 7}$
4194328 $:= 4^{1+9} \times 4 + 32 - 8$
4194331 $:= 4^{1+9} \times 4 + 3^3 \times 1$
4194344 $:= 4 \times (1 + 9) + 4^{3+4+4}$
4194346 $:= 4^{1+9} \times 4 + (3 + 4) \times 6$
4194354 $:= 41 + 9 + 4^{3\times 5-4}$
4194367 $:= 4^{1+9} \times 4 + (3 + 6) \times 7$
4194372 $:= 4 \times (19 + 4^{3+7} - 2)$
4194375 $:= 4 \times (19 + 4^{3+7}) - 5$
4194432 $:= 4^{1+9} \times 4 + 4 \times 32$
4194433 $:= 4^{1+9} \times 4 + 43 \times 3$
4194452 $:= 4 \times (1 + 9 \times 4 + 4^{5\times 2})$
4194464 $:= 4 \times (1 + 9 + (4 + 4)^6) \times 4$
4194504 $:= ((41 - 9)^4 + 50) \times 4$
4194529 $:= 4^{1+9} \times 4 + 5^2 \times 9$
4194549 $:= 4^{1+9} \times 4 + 5 \times 49$
4194688 $:= ((4 \times 1)^9/4 + 6) \times 8 \times 8$
4194723 $:= 419 + 4^{7\times 2-3}$
4194766 $:= 4^{1+9} \times 4 + 7 \times 66$
4194816 $:= ((4 \times 1)^9 + 4 \times 8) \times 16$
4194864 $:= 4 \times (-1 + 9 \times 4 + 8^6) \times 4$
4194944 $:= (4 \times (1 + 9) + 4^9) \times 4 \times 4$
4194997 $:= 4^{1+9} \times 4 + 99 \times 7$
4195704 $:= (4^{1+9} + 5 \times 70) \times 4$
4195924 $:= (4^{1+9} + 5 \times 9^2) \times 4$
4197888 $:= (4^{-1+9} + 7 \times 8) \times 8 \times 8$
4218754 $:= 4 + (-2 - 1 + 8)^7 \times 54$
4239872 $:= (4 \times 2)^3 \times (98 - 7)^2$

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4251496 $:= 4 \times (2 - 5 + 1) \times (4 - 9^6)$
4251528 $:= (4 \times 2 - 5)^{(1+5)\times 2} \times 8$
4251696 $:= 4 \times 2 \times (5 + 16 + 9^6)$
4251968 $:= 4 \times (2 \times (51 + 9^6) + 8)$
4252175 $:= 4 + (252 + 1) \times 7^5$
4284296 $:= 4 \times (2 \times 8^4 + 2 \times 9^6)$
4285275 $:= (4 + 2^8 - 5) \times (-2 + 7^5)$
4287616 $:= (4 - 2) \times (8^7 + (6 \times 1)^6)$
4292336 $:= -4^2 + 92 \times (3 + 3)^6$
4302586 $:= (4 \times 3 + 02)^5 \times 8 - 6$
4324848 $:= (4^3 - 2 + 4) \times (-8 + 4^8)$
4334722 $:= 4 \times (3 \times 347)^2 - 2$
4342992 $:= -4^3 + (4 \times (2^9 + 9))^2$
4359356 $:= -4 + 3 \times (-5 + 93 \times 5^6)$
4373936 $:= -4^3 + ((7 + 3) \times 9)^3 \times 6$
4374957 $:= -43 + (7 + 49) \times 5^7$
4375035 $:= (4 + 3 + 7 \times 50^3) \times 5$
4377500 $:= (4 \times 3^7 + 7) \times 500$
4386694 $:= -4 + (3 + 8 + 6^6) \times 94$
4393952 $:= -(4^3 + 9)^3 + 9^{5+2}$
4410937 $:= (4 \times 41)^{0\times 9+3} - 7$
4428675 $:= (4/4 + 2)^8 \times 675$
4429575 $:= (4 + 4 \times 2 + 9^5) \times 75$
4431975 $:= (44 + 3^{1+9}) \times 75$
4435236 $:= 4 \times (4 + 35)^2 \times 3^6$
4452357 $:= ((-4 + 45 \times 2)^3 - 5) \times 7$
4452392 $:= (-4 + 45 \times 2)^3 \times (9 - 2)$
4455516 $:= (4 + 4 + 5)^5 \times (5 + 1 + 6)$
4456448 $:= (4 \times 4 - 5 + 6) \times 4 \times 4^8$
4473917 $:= (4 + 4^7) \times 3 \times 91 - 7$
4477446 $:= -4 + (-4 \times 7 + 74)^4 - 6$
4477448 $:= (4/4 + 7 \times 7 - 4)^4 - 8$
4477464 $:= 4 + 4 + 7 - 7 + 46^4$
4477644 $:= 4 \times 47 + (7 \times 6 + 4)^4$
4478973 $:= 4 \times 4 \times (7 + 8 - 9)^7 - 3$
4483072 $:= 4^4 \times 8 \times (3^{07} + 2)$
4484877 $:= -4 + 48^4 + 8 - 7^7$
4492125 $:= (-4 + (4 + 9)^2)^{-1\times 2+5}$
4498556 $:= -4 + (4 \times 9 \times 8) \times (-5 + 5^6)$
4499856 $:= 4 \times (-4 \times 9 + 9 \times 8 \times 5^6)$
4532969 $:= -(4 \times (5^3))^2 + 9^6 \times 9$
4538462 $:= (-4 + 5 \times (3 + 8)^4) \times 62$
4553975 $:= (4^{5+5} - 3^9 \times 7) \times 5$
4556196 $:= ((4 \times 5 - 5)^{6-1} - 9) \times 6$
4556250 $:= ((4 + 5) \times 5)^{6/2} \times 50$
4556256 $:= (-4 + 5 + (5 \times 6/2)^5) \times 6$
4556295 $:= (45 \times 5 - 6)^2 \times 95$
4562496 $:= -4 + 5^6 \times (-2 + 49 \times 6)$
4563376 $:= 4 \times (5^6 + 3) \times (-3 + 76)$
4574296 $:= ((4 + 5 + 74) \times 2)^{9-6}$
4579245 $:= (4 + 5 \times 7 \times 9)^2 \times 45$
4587475 $:= -45 + 8 \times 7 \times 4^7 \times 5$
4587479 $:= 4 + 5 \times (8 \times 7 \times 4^7 - 9)$
4588528 $:= (-4 + 5 \times (8 + 8^5)) \times 28$
4592700 $:= ((4 + 5) \times 9)^2 \times 700$
4593726 $:= (-4 + 5^{9-3} \times 7^2) \times 6$
4595616 $:= (-4 + 595) \times 6^{-1+6}$
4616157 $:= (4^6 \times 161 - 5) \times 7$
4616192 $:= 4^6 \times 161 \times (9 - 2)$
4644936 $:= (-4^6 + 4 + 4^9) \times 3 \times 6$
4644986 $:= -4 + ((6 \times 4)^4 + 9) \times (8 + 6)$
4645214 $:= ((4 \times 6)^4 + 5^2) \times 14$
4651897 $:= (4 - 6) \times (5 - 1)^8 + 9^7$
4652488 $:= (4 + 65 + 2) \times (4^8 - 8)$
4657463 $:= (-4 + 6 \times 57/(-4 + 6))^3$
4665125 $:= (4 \times (6^6 - 5) + 1) \times 25$
4665280 $:= 4 \times (6^6 \times 5^2 - 80)$
4665360 $:= (-4 + 6^6 \times 5/3) \times 60$
4665520 $:= 4 \times (6^6 \times 5 \times 5 - 20)$
4665550 $:= 4 \times (6^6 \times 5 \times 5 - 50)$
4665552 $:= 4 \times 6 \times (6^5 \times 5 \times 5 - 2)$
4665556 $:= 4 \times (6^6 \times 5 \times 5 - 5 - 6)$

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$4665568 := 4 \times (6^6 \times 5 \times 5 - 6) - 8$
$4665571 := 4 \times (6^6 \times 5 \times 5 - 7) - 1$
$4665584 := 4 \times (6^6 \times 5 \times 5 - 8 + 4)$
$4665585 := (4 \times 6^6 \times 5 + 5 - 8) \times 5$
$4665586 := 4 \times 6^6 \times 5 \times 5 - 8 - 6$
$4665591 := 4 \times 6^6 \times 5 \times 5 - 9 \times 1$
$4665592 := (-4 + 6^6 \times (5 + 5 \times 9)) \times 2$
$4665596 := -4 + 6^6 \times 5 \times (5 + 9 + 6)$
$4665599 := 4 \times 6^6 \times 5 \times 5 - 9/9$
$4665625 := (4 \times 6^6 - 5 + 6) \times 25$
$4665655 := (4 \times 6^6 \times 5 + 6 + 5) \times 5$
$4665725 := (4 \times 6^6 + 5) \times (7 - 2) \times 5$
$4665775 := (4 \times (6^6 \times 5 + 7) + 7) \times 5$
$4666520 := (46 + 6^6 \times 5) \times 20$
$4667544 := 4 \times 6 \times (-6 + 7 + 5 \times 4)^4$
$4667544 := 4 \times 6 \times (-6 + 7 + 5 \times 4)^4$
$4668800 := (4 + 6^6/8) \times 800$
$4687556 := 4 \times (6 + 8 + 75 \times 5^6)$
$4687584 := 4 \times 6/8 \times (7 + 5^8) \times 4$
$4688732 := -4 + 6 \times (887 - 3)^2$
$4715760 := (471 + 5^7) \times 60$
$4718348 := 4 \times (-7 + 18 \times (-3 + 4^8))$
$4718529 := (4^{7+1} \times 8 - 5 - 2) \times 9$
$4718549 := 47 + 18 \times (-5 + 4^9)$
$4718568 := (4 - 7) \times (1 - 8^5 \times 6) \times 8$
$4718592 := 4 \times (7 + 1) \times 8^5 \times 9/2$
$4718616 := ((-4 + 7) \times (1 + 8^6) + 1) \times 6$
$4718629 := 4 \times 7 + (1 + 8^6 \times 2) \times 9$
$4718636 := -4 + (7 + 1 + 8^6 \times 3) \times 6$
$4718646 := (4 - 7) \times (1 - 8^6 - 4) \times 6$
$4718688 := (4^7 \times 18 + 6) \times (8 + 8)$
$4718692 := (-4 + (7 - 1 + 8^6) \times 9) \times 2$
$4718848 := (4^7 \times (1 + 8) + 8) \times 4 \times 8$
$4719672 := (4^{7+1} + 9 + 6) \times 72$
$4723968 := ((4 \times 7 + 2) \times 3^9 + 6) \times 8$
$4733817 := -4^7 \times 3 + 3^{8-1+7}$
$4734964 := 4^7 + 3 \times (4^9 \times 6 - 4)$
$4734968 := 4^7 + 3 \times 4^9 \times 6 - 8$
$4739574 := 47 \times (5 \times 9 - 3) \times 7^4$
$4739574 := 47 \times 3 \times (9 + 5) \times 7^4$
$4741631 := (4 \times 7)^{4-1} \times 6^3 - 1$
$4741633 := 4 + (7 \times 4 \times 1 \times 6)^3 - 3$
$4741643 := 4 + 7 + (4 + 164)^3$
$4741683 := 47 + 4 + 168^3$
$4743428 := 4 \times ((7 + 4) \times 3)^4 - 2^8$
$4743684 := 4 \times (7 \times 4 + 3 - 6 + 8)^4$
$4751360 := 4^7 \times 5 \times (1 - 3 + 60)$
$4752372 := -4 \times 7 + (-5 - 2 + 3^7)^2$
$4753158 := (4^7 \times 5 + 31) \times 58$
$4758967 := (4 + 7) \times 5 + (8 + 9) \times 6^7$
$4767737 := 4^7 \times (6 \times 7 \times 7 - 3) - 7$
$4767744 := 4^7 \times (6 \times 7 - 7 + 4^4)$
$4773969 := ((-4 + 7 + 7)^3 + 9^6) \times 9$
$4775926 := 4 \times 7 \times (7 \times 59)^2 - 6$
$4778297 := (4 - 77) \times 8^2 + 9^7$
$4779397 := -47 \times (79 - 3) + 9^7$
$4779567 := (4 + 77) \times (9^5 - 6 \times 7)$
$4781597 := -4 \times 7^{8 \times 1 - 5} + 9^7$
$4782497 := 4 - 7 \times (8^2 + 4) + 9^7$
$4782657 := -4 \times 78 + (-2 + 6 + 5)^7$
$4782697 := -4 \times (7 \times 8 + 2 \times 6) + 9^7$
$4782817 := 4 - 78 \times 2 + (8 + 1)^7$
$4782897 := (4 - 7 - 8 + 2) \times 8 + 9^7$
$4782907 := -4 - 7 \times 8 - 2 + 9^{07}$
$4782916 := 4 + 7 - 8^2 + 9^{1+6}$
$4782917 := -4 \times (7 + 8 - 2) + (9 \times 1)^7$
$4782918 := -47 - 8/2 + 9^{-1+8}$
$4782925 := -(4 + 7) \times 8/2 + 9^{2+5}$
$4782929 := -(4 \times 7 - 8) \times 2 + 9^{-2+9}$
$4782934 := 47 - 82 + 9^{3+4}$
$4782943 := (4 - 7) \times 8 - 2 + 9^{4+3}$
$4782952 := 47 - 8^2 + 9^{5+2}$

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$4782961 := 4 \times (7-8) \times 2 + 9^{6+1}$
$4782963 := (4-7) \times (8-(2+9^6) \times 3)$
$4782969 := ((4+7-8-2) \times 9)^6 \times 9$
$4782981 := 4 \times 7 - 8 \times 2 + 9^{8-1}$
$4782996 := 4 + 7 + 8 \times 2 + 9 \times 9^6$
$4782997 := 4 \times 7 + ((8+2-9) \times 9)^7$
$4783133 := -4 + (7 \times 8 + 3^{13}) \times 3$
$4783197 := 4 \times 7 \times 8 + 3 + 1 + 9^7$
$4783277 := 4 \times 7 \times (8+3) + (2+7)^7$
$4783281 := 4 \times 78 + (3^2)^{8-1}$
$4783297 := 4 + (7+8+3)^2 + 9^7$
$4783597 := 4 + 78 \times (3+5) + 9^7$
$4783697 := 4 \times 7 \times (8+3 \times 6) + 9^7$
$4783897 := 4 \times 78 \times 3 - 8 + 9^7$
$4784397 := 4 \times 7 \times (8+43) + 9^7$
$4785146 := -4 + (7+8^5) \times 146$
$4785359 := 478 \times 5 + 3^{5+9}$
$4787372 := 4 \times 7 + (8-7+3^7)^2$
$4787897 := (4+7) \times 8 \times 7 \times 8 + 9^7$
$4789525 := (-4+7)^8 + 9^{5+2} - 5$
$4791297 := 47 + 91^2 + 9^7$
$4793397 := 4 \times 79 \times 33 + 9^7$
$4799342 := 4^7 - 9 + 9^{3+4} - 2$
$4799353 := 4^7 + 9 \times 9^{3 \times (5-3)}$
$4799362 := 4^7 + 9 + 9^{3+6-2}$
$4813632 := -4 + (8-1+3^6 \times 3)^2$
$4816896 := 4^8 \times (1+6 \times 8) \times 9/6$
$4826723 := -4 - 82 + (6+7)^{2 \times 3}$
$4826793 := -4 \times 8/2 + (6+7)^{9-3}$
$4826813 := 4 + (82+6+81)^3$
$4828574 := (4^8 - 285) \times 74$
$4831530 := ((-4+8) \times 3 - 1)^5 \times 30$
$4832897 := (-4+83)^2 \times 8 + 9^7$
$4848457 := 4^8 - 48 + (4+5)^7$
$4848497 := 4^8 - 4 - 8 + 4 + 9^7$
$4848697 := 4^8 + 4 \times 8 \times 6 + 9^7$
$4849368 := (4^8 - 4) \times (9 - 3 + 68)$
$4849664 := 4^8 \times (4^{9-6} + 6 + 4)$
$4855285 := (-4 + (8-5)^5)^2 \times 85$
$4861944 := 486 \times ((1+9)^4 + 4)$
$4875264 := (-4 + 8 \times 7 \times 5)^2 \times 64$
$4882812 := ((4 + 8/8)^{2+8} - 1)/2$
$4915575 := (4^{9-1^5} + 5) \times 75$
$4917248 := (4 + 9 + 17 - 2)^4 \times 8$
$4917284 := 4 \times 9 + (1+7) \times 28^4$
$4923522 := (4 + 9 + (2+3)^5)^2/2$
$4939776 := (-4 - 9 \times 3 \times 9 + 7^7) \times 6$
$4941257 := 49^4 - 1 - (2+5)^7$
$4941258 := 49^{4-1} \times (2 + 5 \times 8)$
$4943445 := (4 + 9^4) \times 3 \times (4^4 - 5)$
$4946994 := (4+9) \times (4 + 6 \times 9) \times 9^4$
$4958373 := (4 \times 9^5 - 83) \times 7 \times 3$
$4973238 := (4 \times 9 \times 7 \times 3 + 2) \times 3^8$
$4974836 := 4 \times (-9 + 7^4 \times (8^3 + 6))$
$4976595 := (4 \times ((9-7) \times 6)^5 - 9) \times 5$
$4980736 := 4^9 \times (8 - 07 + 3 \times 6)$
$4983576 := ((-4+98)^3 + 5 + 7) \times 6$
$5032969 := 50^3 \times 2 + 9^6 \times 9$
$5036448 := (-50 + (3 \times 6)^4) \times 48$
$5038683 := (-5 \times (03+8) + 6^8) \times 3$
$5038798 := -50 + 3 \times (8+7-9)^8$
$5038848 := 5 \times 0 + 3 \times (8 - 8/4)^8$
$5039068 := -50 + 3 \times (90 + 6^8)$
$5046277 := 5 + 04^{6+2} \times 77$
$5092545 := 509 \times ((2 \times 5)^4 + 5)$
$5098853 := 5^{09} + (8+8)^5 \times 3$
$5119483 := -5 + (-1 + (1+9)^4) \times 8^3$
$5153566 := (5 \times 1 \times 5 - 3)^5 - 66$
$5153627 := -5 + (1 + 5 \times 3 + 6)^{-2+7}$
$5153632 := (5 \times 1 \times 5 - 3)^{6-3+2}$
$5156556 := (51 + 5^6 \times 55) \times 6$
$5173592 := 5^{1+7} + 3^{5+9} - 2$

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5174576 $:= (51-7)\times(-45+7^6)$
5176517 $:= 5+(-1+7^6)\times(51-7)$
5176556 $:= (51-7)\times(6+5/5)^6$
5176644 $:= (-5+1+7^6+6)\times 44$
5183995 $:= (5\times 1\times 8)^3\times 9\times 9-5$
5211042 $:= 521\times(10^4+2)$
5239755 $:= 5\times 2^{3\times 9-7}-5^5$
5240880 $:= (-5^2+4^{08})\times 80$
5242480 $:= 5\times(2^4\times 2)^4-80$
5242565 $:= 5\times(2+4^{2\times 5}-65)$
5242730 $:= 5\times(2^{4\times(-2+7)}-30)$
5242755 $:= 5\times(2^{4\times(-2+7)}-5\times 5)$
5242790 $:= 5\times(2^{4\times(-2+7)}-90)$
5242799 $:= 5\times(2^{4\times(-2+7)})-9\times 9$
5242815 $:= 5\times(2+4^{2+8}-15)$
5242826 $:= 5\times(2+4^{2+8})-2^6$
5242835 $:= 5\times(-2+4^{2+8})-35$
5242840 $:= 5\times 2^{4+2\times 8}-40$
5242845 $:= 5\times(2+4^{2+8}-4-5)$
5242846 $:= 5\times(-2+4^{2+8})-4\times 6$
5242848 $:= 5\times 2^{4+2\times 8}-4\times 8$
5242870 $:= 5\times(-2+4^{2+8})+7\times 0$
5242915 $:= 5+2+4^{2+9-1}\times 5$
5242925 $:= 5\times(2\times 9/2+4^{2\times 5})$
5242945 $:= (52+4^{2+9})/4\times 5$
5243280 $:= 5\times(2^{4\times(3+2)}+80)$
5244880 $:= (5^{-2+4}+4^8)\times 80$
5245530 $:= 5\times(2^{4\times 5}+530)$
5246525 $:= 5\times((-2+5)^6+4^{2\times 5})$
5248800 $:= (5+2-4)^8\times 800$
5254885 $:= 5\times((2+5)^4+(8+8)^5)$
5265675 $:= (5^2+6^5)\times 675$
5268330 $:= (-5+(2^6-8)^3)\times 30$
5293845 $:= ((5+2)^{9-3}-8)\times 45$
5308424 $:= 5+3+(08\times(4+2))^4$
5314392 $:= (5\times(3\times 1)^{4\times 3}-9)\times 2$
5314412 $:= (5\times(31-4)^4+1)\times 2$
5314653 $:= (-5+(-3+14)^6-5)\times 3$
5314667 $:= 5+3\times((1+4+6)^6-7)$
5314669 $:= -5+3\times(1+4+6)^6-9$
5315567 $:= (5-3+15^5-6)\times 7$
5315571 $:= -53+15^5\times 7-1$
5315597 $:= ((5\times 3\times 1)^5+5-9)\times 7$
5315617 $:= -5-3+15^{6-1}\times 7$
5315625 $:= (5+3-1)\times(5\times 6/2)^5$
5334381 $:= (5+(3+3^4)^3)\times(8+1)$
5345324 $:= (-5+34^{(5+3)/2})\times 4$
5345344 $:= ((5+3)\times 4+5-3)^4\times 4$
5345364 $:= (5+34^{-5+3+6})\times 4$
5356974 $:= (5\times 35)^{-6+9}-7^4$
5359225 $:= 5\times(3+5\times 92)^2\times 5$
5359347 $:= (5\times 35)^{9/3}-4\times 7$
5359373 $:= -5+3+5^{9-3}\times 7^3$
5359375 $:= (5\times 35)^{(9-3)/(7-5)}$
5359376 $:= (5\times 35)^{9/3}+7-6$
5365465 $:= 5\times(3\times 6^5\times 46)+5$
5373912 $:= (5+3^{7+3})\times 91-2$
5378235 $:= -5+(3+7)\times(8+2\times 3)^5$
5378245 $:= 5+(3+7)\times(8+2+4)^5$
5384120 $:= (5+3^8)\times 41\times 20$
5411762 $:= (5+41)\times(1\times 7^6-2)$
5418656 $:= (5^4+1)\times 8656$
5429592 $:= -54^2+9^5\times 92$
5439483 $:= -5+(4+3+9)^4\times 83$
5439488 $:= (5^4+39)\times 4^8/8$
5462275 $:= (54\times 6+2/2)\times 7^5$
5463745 $:= 5^4\times(-6+3^7\times 4)-5$
5468742 $:= (5^{4\times(-6+8)}\times 7-4)\times 2$
5468750 $:= 5^{4-6+8}\times 7\times 50$
5468762 $:= (5^{4\times(-6+8)}\times 7+6)\times 2$
5469484 $:= (5^4-6)\times 94^{8/4}$
5473434 $:= -(5+4)^7+3\times 43^4$

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5475564 $:= (-5+(4+7)^5)\times(5\times 6+4)$
5475739 $:= 5+(4+7)^5\times(7+3\times 9)$
5514264 $:= (5^5+1)\times 42^{6-4}$
5529926 $:= (-5+52)\times(9+(9-2)^6)$
5545233 $:= ((5+5)\times 4\times 5-23)^3$
5571342 $:= (-5+57-1)^3\times 42$
5584653 $:= (5\times 5-8)\times(4+65)^3$
5595390 $:= (5^5+9^5-3)\times 90$
5598745 $:= 5\times(5+9-8)^7\times 4+5$
5624190 $:= ((5^6-2)\times 4-1)\times 90$
5639220 $:= ((56+3)\times 9)^2\times 20$
5639752 $:= (-5-6+3\times 9\times 7)^{5-2}$
5643755 $:= 5+6\times 43\times 7\times 5^5$
5647162 $:= (5+6\times 4\times(7\times 1)^6)\times 2$
5647688 $:= (-5+6\times(4+7^6+8))\times 8$
5657284 $:= (-5+6^5)\times 728-4$
5658248 $:= (5\times 6+5-8+2)^4\times 8$
5658368 $:= (-5+6^5)\times 8^3+6^8$
5667687 $:= 5+66\times 7^6-8^7$
5668893 $:= (56+6^8)/8\times 9\times 3$
5672349 $:= (5+6^{7-2})\times 3^4\times 9$
5679634 $:= -5+(6^7+9^6)\times(3+4)$
5679672 $:= (5+6^7+9^6)\times 7-2$
5679697 $:= -5+(6^7+9^6+9)\times 7$
5684329 $:= 5^6+8\times 4\times 3^{2+9}$
5692845 $:= 569\times((2+8)^4+5)$
5695312 $:= (5\times((6+9)^5\times 3)-1)/2$
5695325 $:= (5+(6+9)^5\times 3)/2\times 5$
5695362 $:= ((5+6)\times 9+(5\times 3)^6)/2$
5702375 $:= (5\times 7)^3\times(2^{07}+5)$
5714375 $:= -5+(7^{-1+4}-3)\times 7^5$
5714375 $:= -5+(7^3-4+1)\times 7^5$
5729772 $:= (5+7)\times(-2+9\times 77)^2$
5731228 $:= (-5+7^{3+1}-2)^2-8$
5737875 $:= 5\times(7\times 3^7-8)\times 75$
5738683 $:= -5+738\times 6^{8-3}$

5740816 $:= (-5+7^4)^{08\times 1-6}$
5740875 $:= (-5\times 7+80)^4\times 7/5$
5758238 $:= (5\times 7/5)^8-2-3^8$
5761777 $:= (-5-7\times 61+7^7)\times 7$
5763777 $:= 5+(7^6-3\times 7)\times 7\times 7$
5764348 $:= -5-7\times 64+(3+4)^8$
5764378 $:= -5\times 76-43+7^8$
5764548 $:= (-5+7^6)\times(45+4)-8$
5764698 $:= -5+7^{6-4+6}+98$
5764724 $:= -5-76+4+7^{2\times 4}$
5764726 $:= 5-76-4+7^{2+6}$
5764735 $:= 5-7-64+7^{3+5}$
5764742 $:= -57-6+4+7^{4\times 2}$
5764744 $:= -57+(6+47-4)^4$
5764752 $:= (-5+7^6+4)\times 7\times(5+2)$
5764753 $:= (5-7)\times 6\times 4+7^{5+3}$
5764775 $:= -5+7\times(6-4+7^7-5)$
5764776 $:= -5-7\times(6-4-7^7)-6$
5764777 $:= 5-7+6-(4-7^7)\times 7$
5764778 $:= (5-7)\times 6-4-7+7^8$
5764781 $:= (5-7)\times(6+4)+7^8\times 1$
5764783 $:= 5\times(7-6-4)+7^8-3$
5764785 $:= -5\times 7+6\times 4+7^8-5$
5764786 $:= 5-7\times(6-4)+7^8-6$
5764787 $:= 57-64+7^8-7$
5764788 $:= -5+((7-6)^4\times 7)^8-8$
5764789 $:= (5-7)\times 6/4+7^8-9$
5764791 $:= -5-7+6-4+7^{9-1}$
5764792 $:= 5+7\times(-6+4+7^{9-2})$
5764793 $:= -5+7^{6\times 4-7-9}-3$
5764796 $:= -5+7^6\times(-47+96)$
5764797 $:= 5-7-6+4+7^9/7$
5764798 $:= 5+7^{6\times 4-7-9}-8$
5764801 $:= (-57+64)^8\times 01$
5764803 $:= 5+7^{64/8}-03$
5764806 $:= 5+7^{6+4-8+06}$

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5764858 $:= 57 + (6 + 4 - 8 + 5)^8$
5764875 $:= 5 + 7^8 + 4 + (6 + 7) \times 5$
5764878 $:= 5 \times 7 - 6 + 48 + 7^8$
5764973 $:= (5 + 7^6) \times 49 - 73$
5764982 $:= (5 + 7^6) \times 49 - 8^2$
5767855 $:= 5 - 76 + 7^8 + 5^5$
5768777 $:= (576 - 8 + 7^7) \times 7$
5769678 $:= 5 + 7 \times 696 + 7^8$
5772975 $:= (5^7 - 9 \times 2^7) \times 75$
5774352 $:= -57 + (7^4 - 3 + 5)^2$
5778304 $:= (-5 + 7^7) \times 8 + 30^4$
5781842 $:= (5^7 + 8) \times (18 \times 4 + 2)$
5782575 $:= (5^7 - (8/2)^5) \times 75$
5782762 $:= 5 + 7^8 + (2^7 + 6)^2$
5786874 $:= (5^7 + 8 + 68) \times 74$
5788125 $:= 5 \times (7 \times (8 + 8 - 1))^{-2+5}$
5794888 $:= (5 \times 7 \times 9 + 4^8) \times 88$
5803236 $:= (-5 + 803^2) \times (3 + 6)$
5814648 $:= 581 \times ((4 + 6)^4 + 8)$
5832764 $:= -5^8 - 3 + 2 \times (7 \times 6)^4$
5834430 $:= (5 \times (8 - 3) - 4)^4 \times 30$
5846470 $:= (5 + 8/4 \times 6)^4 \times 70$
5851635 $:= (5^8 - 516) \times 3 \times 5$
5856675 $:= (5^8/5 - 6 \times 6) \times 75$
5856974 $:= 5^8 \times 5 \times (-6 + 9) - 7^4$
5857215 $:= (5^8 - (5 + 7)^2) \times 15$
5858475 $:= (5^8/5 - 8 - 4) \times 75$
5859135 $:= (-5 + 8) \times (5^9 + 1) - 3^5$
5859168 $:= (-5 + 8) \times ((5^9 - 1) - 68)$
5859183 $:= (5^8 \times 5 - (9 - 1) \times 8) \times 3$
5859201 $:= (-58 + 5^9) \times (2 + 01)$
5859225 $:= (-5 + 8) \times (5^9 - 2 \times 25)$
5859243 $:= (5^8 \times 5 - (9 + 2) \times 4) \times 3$
5859247 $:= (-5 + 8) \times 5^9 - (-2 + 4)^7$
5859255 $:= (-5 \times 8 + 5^9) \times (2 + 5/5)$
5859259 $:= (-58 + 5^9) \times 2 + 5^9$
5859276 $:= (-5 + 8) \times (5^9 - 27 - 6)$
5859277 $:= (-5 + 8) \times 5^9 - 2 \times 7 \times 7$
5859279 $:= (-5 + 8) \times (5^9 - 2 \times (7 + 9))$
5859285 $:= (-5 + 8) \times (5^9 + (2 - 8) \times 5)$
5859285 $:= 5^8 + 2 \times (-9 + 5^8) \times 5$
5859291 $:= (-5 + 8) \times (5^9 - 29 + 1)$
5859292 $:= (-5 + 8) \times 5^9 - 2 - 9^2$
5859385 $:= (5 - (8 - 3)^9) \times (5 - 8) - 5$
5859403 $:= 5 \times 8 + (5^9 - 4) \times 03$
5859412 $:= (5 + 8 + 5^9) \times (4 - 1) - 2$
5859413 $:= 5 + (8 + 5^9 + 4 - 1) \times 3$
5859414 $:= (5 + 8 + 5^9) \times (4 - 1^4)$
5859415 $:= 5 \times (8 + (5^9 \times (4 - 1))/5)$
5859421 $:= 58 + (5^9 - 4) \times (2 + 1)$
5859423 $:= (58 + 5^9 - 42) \times 3$
5859426 $:= (5 + 8 + 5^9 + 4)/2 \times 6$
5859429 $:= (-5 + 8) \times 5^9 + (4 + 2) \times 9$
5859433 $:= 58 + 5^9 \times (4 - 3) \times 3$
5859435 $:= (-5 + 8) \times 5^9 + 4 \times 3 \times 5$
5859443 $:= (-5 + 8) \times 5^9 + 4 + 4^3$
5859447 $:= (-5 + 8) \times ((5^9 - 4) + 4 \times 7)$
5859463 $:= 58 + (5^9 + 4 + 6) \times 3$
5859471 $:= (-5 + 8) \times (5^9 + 4 \times (7 + 1))$
5859483 $:= (5 \times 8 + 5^9 + 4 - 8) \times 3$
5859493 $:= -5 + (-8 + 5^9 + 49) \times 3$
5859498 $:= (-5 + 8) \times (5^9 + 49 - 8)$
5859513 $:= 5 \times 8 + (5^9 + 5 + 1) \times 3$
5859519 $:= (-5 + 8) \times (5^9 + 51) - 9$
5859522 $:= (-5 + 8) \times (5^9 + (5 + 2)^2)$
5859525 $:= (-5 + 8) \times (5^9 + 5 \times 2 \times 5)$
5859531 $:= (-5 + 8) \times (5^9 + 53 - 1)$
5859532 $:= (58 + 5^9 - 5) \times 3 - 2$
5859543 $:= (5^8 \times 5 + (9 + 5) \times 4) \times 3$
5859553 $:= 5 + 8 + (5^9 + 55) \times 3$
5859555 $:= (-5 + 8) \times (5^9 + 5 + 55)$
5859570 $:= (-5 + 8) \times (5^9 - 5 + 70)$

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5859573 $:= (5^8 \times 5 + 9 + 57) \times 3$
5859579 $:= (-5 + 8) \times (5^9 + 5 + 7 \times 9)$
5859582 $:= (-5 + 8) \times (5^9 + 5 + 8^2)$
5859585 $:= (5^8 + 5 + 9) \times 5 \times (8 - 5)$
5859627 $:= (-5 + 8) \times 5^9 + 6^2 \times 7$
5859645 $:= (-5 + 8) \times 5^9 + 6 \times 45$
5859663 $:= (5^8 \times 5 + 96) \times (6 - 3)$
5859699 $:= (-5 + 8) \times (5^9 + 6 \times (9 + 9))$
5859745 $:= (-5 + 8) \times 5^9 + 74 \times 5$
5859783 $:= (58 + 5^9 + 78) \times 3$
5859879 $:= (-5 + 8) \times 5^9 + 8 \times 7 \times 9$
5859915 $:= (5^8 + 5 \times 9 - 9) \times 15$
5862615 $:= (5^8 + 6^2 \times 6) \times 15$
5878656 $:= (-5 + 8)^7 \times 8 \times 6 \times 56$
5878677 $:= (-5 + 8) \times (-7 + 8 + 6^7) \times 7$
5883462 $:= (-5^8 + 83^4)/(6 + 2)$
5887650 $:= ((5 + 8) \times 8 + 7^6) \times 50$
5895649 $:= 5^8 + (-9 + 5 \times 6) \times 4^9$
5915965 $:= ((5 + 9 \times 1)^5 - 9) \times (6 + 5)$
5924342 $:= -5 - 9 + 2434^2$
5929741 $:= (59 \times 2 + 9 \times 7)^{4-1}$
5929976 $:= (5^{9-2} - 99) \times 76$
5933463 $:= 5^9 \times 3 + ((3 + 4) \times 6)^3$
5935858 $:= (59 \times 3)^{-5+8} + 5^8$
5937507 $:= 5^9 \times 3 + 7 + 5^{07}$
5946374 $:= (59 \times 46) \times (3^7 + 4)$
5963949 $:= (5 + 96) \times (3 \times 9)^4/9$
5971928 $:= (-5 + ((97 - 1) \times 9)^2) \times 8$
5972328 $:= (5 \times 9 + 72^3 \times 2) \times 8$
5978645 $:= (-5 + 9^7 + 8 \times 6)/4 \times 5$
5978715 $:= (5 \times 9^7 + 8 + 7)/(-1 + 5)$
6046656 $:= ((6 + 04)^6 + 6^5) \times 6$
6158592 $:= 6^{1+5} \times (8 \times 5 + 92)$
6171793 $:= ((6 - 1)^7 - 1) \times 79 - 3$
6176574 $:= 6 \times (1 + 7^6 \times 5 \times 7)/4$
6184669 $:= (6 + 1)^8 + (-4 + 6^6) \times 9$
6223394 $:= 6 + 2 \times (-2 + (3 + 39)^4)$
6223454 $:= 62 + 2 \times (-3 + 45)^4$
6249888 $:= (-6 + 2 \times (4 - 9)^8 - 8) \times 8$
6249994 $:= -6 + (2 + 49 - 9/9)^4$
6250004 $:= 6 - 2 + 50^{004}$
6250062 $:= 62 + 50^{06-2}$
6259353 $:= (6 \times (-2 + 5)^9 + 3) \times 53$
6262784 $:= (6 \times 2^{6+2} - 7) \times 8^4$
6283488 $:= 6 \times 2 \times (-83 + 4^8) \times 8$
6286848 $:= 6 \times 2 \times 8 \times (-6 \times 8 + 4^8)$
6287384 $:= (6 + 2 + 8^7) \times 3 - 8^4$
6291168 $:= 6 \times (2^{9+11} - 6 \times 8)$
6291426 $:= (-6/2 + 4^{1+9} - 2) \times 6$
6291432 $:= ((6 - 2)^9 - 1) \times 4 \times 3 \times 2$
6291442 $:= 6 \times (-2 + ((9 - 1) \times 4)^4) - 2$
6291444 $:= 6 \times (2 + ((9 - 1) \times 4)^4 - 4)$
6291448 $:= 6 \times (2 \times 9 + 14)^4 - 8$
6291453 $:= 6 \times (2 + 9 + 1 + 4)^5 - 3$
6291456 $:= (6 \times 2 - 9 - 1)^{4 \times 5} \times 6$
6291477 $:= 6/2 \times ((9 - 1^4)^7 + 7)$
6291496 $:= (6 - 2) \times (9 + 1 + 4^9 \times 6)$
6291564 $:= 6 \times (2 \times 9 + (-1 + 5)^{6+4})$
6291624 $:= ((6 - 2)^9 + 1 + 6) \times 24$
6291654 $:= 6 \times (29 + 16^5 + 4)$
6291864 $:= 6 \times (2 \times 9 - 1 + 8^6) \times 4$
6292224 $:= 6 \times (2^9 + 2^{22})/4$
6292428 $:= 6 \times (2 \times 9^2 + 4^{2+8})$
6294524 $:= 6 \times (2^9 + 4^{5 \times 2}) - 4$
6298555 $:= (6 \times 2 \times 9)^{8-5} \times 5 - 5$
6327639 $:= (-6 + (3 + 2)^7) \times (6 + 3) \times 9$
6331625 $:= (6^3 - 31)^{6+2-5}$
6338297 $:= -63^3 + 8 \times (-2 + 9)^7$
6362544 $:= 636 \times ((2 \times 5)^4 + 4)$
6376536 $:= 6 \times (3^{5+6} - 7 \times 3) \times 6$
6376924 $:= ((6 - 3)^{7+6} - 92) \times 4$
6377291 $:= 6 \times 3^{7+7} \times 2/9 - 1$

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6377292 $:= 6 \times 3^{7/7+2+9} \times 2$
6377324 $:= (6 + 3^{7+7}/3 + 2) \times 4$
6377436 $:= 6 \times (3^{4+7} + 7 - 3) \times 6$
6378745 $:= 6 \times 3 \times 7 \times (8 + 7)^4 - 5$
6396945 $:= (-6 + 3^9 \times (69 - 4)) \times 5$
6400240 $:= (6 + 400^2) \times 40$
6413526 $:= 6 \times (41^3 + (5 \times 2)^6)$
6422528 $:= (64 \times 2 \times (2 + 5))^2 \times 8$
6423998 $:= (6 + 4^{2^3} + 9) \times 98$
6434846 $:= (-6 + 48 \times 4)^3 - 4 - 6$
6436235 $:= -6 \times (4 \times 3 + 6) + 23^5$
6436345 $:= 6 - 4 + ((3 + 6) \times 3 - 4)^5$
6436415 $:= 6 \times 4 \times 3 + (6 \times 4 - 1)^5$
6438528 $:= 6^{4+3} \times (8 + 5 + 2 + 8)$
6455000 $:= (6^4 - 5) \times 5000$
6474397 $:= 6 + 47 \times (-4 + 3^9) \times 7$
6481304 $:= 6^4 + 8 \times (1 + 30^4)$
6482592 $:= 6^4 \times 82 \times (59 + 2)$
6487965 $:= (6 + 4^8 - 7) \times 9 \times (6 + 5)$
6488658 $:= (6 + 4^8) \times (86 + 5 + 8)$
6495385 $:= (6 + 4) \times 9^5 \times (3 + 8) - 5$
6496262 $:= 6 + (4^9 + (6 \times 2)^6) \times 2$
6519843 $:= (6 + 5) \times (1 \times 9 + 84^3)$
6531840 $:= 6^5 \times (3 + 18) \times 40$
6539139 $:= (-(6 \times 5)^3 + 91^3) \times 9$
6539203 $:= ((6 + 5 \times 3) \times 9 - 2)^{03}$
6552840 $:= (6^5 + 5^2) \times 840$
6553494 $:= -6 + 5^{5-3} \times (4^9 - 4)$
6553495 $:= -6 \times 5 + 5 \times (-3 + 4^9) \times 5$
6553519 $:= -6 + 5 \times 5 \times (-3 + (5 - 1)^9)$
6553586 $:= 6 - 5 + 5 \times (-3 + 5 \times 8^6)$
6553625 $:= (6 - 5 + (5 + 3)^6) \times 25$
6553655 $:= (6 + 5 + (5 + 3)^6 \times 5) \times 5$
6554439 $:= (65 \times 5 + 4 + 4) \times 3^9$
6559350 $:= (6 \times 5^5 - 9) \times 350$
6561870 $:= (6 \times 5^6 - 1 - 8) \times 70$
6562577 $:= (6 + 5 + 6 \times 2 \times 5^7) \times 7$
6563760 $:= (6 + 5^6 - 3) \times 7 \times 60$
6565248 $:= 656 \times ((5 \times 2)^4 + 8)$
6568170 $:= (6 \times 5^6 + 81) \times 70$
6572778 $:= -(6^5 + 7) \times 2 + 7^7 \times 8$
6577254 $:= (6 \times 57 + 7)^2 \times 54$
6579255 $:= (6 + (57 \times 9)^2 \times 5) \times 5$
6584362 $:= 6 + (5 \times 8 \times 4^3 + 6)^2$
6587768 $:= (-6 \times (5 + 8) + 7^7 + 6) \times 8$
6587798 $:= 6 \times 5 + 8 \times (7^7 - 9 \times 8)$
6587928 $:= (6 - 58 + 7^{9-2}) \times 8$
6588347 $:= 6 + 5 - 8 + 8 \times (3 + 4)^7$
6588377 $:= 6 - 5 + 8 + 8 \times (3 + 7^7)$
6588778 $:= -6 + 5 \times 88 + 7^7 \times 8$
6596850 $:= (6^5 - 9 - 6) \times 850$
6612523 $:= (66^{1+2} + 5) \times 23$
6625152 $:= 6^6 \times (-2 \times 5 + 152)$
6635782 $:= 6 + ((63 \times 5 + 7) \times 8)^2$
6639684 $:= (-6 - 6 - 3^9 + 6^8) \times 4$
6644358 $:= 6 + 6 \times 44^3 \times (5 + 8)$
6644734 $:= 66 + (4 \times 47)^3 - 4$
6666939 $:= 6 \times 6 \times (66 - 9)^3 - 9$
6671808 $:= 6^6 \times (71 + 80 - 8)$
6677748 $:= 6 \times 6 \times 77 \times (7^4 + 8)$
6684384 $:= 6 \times (6 + 8)^4 \times (-3 + 8 \times 4)$
6684529 $:= (6 \times (6 + 8)^4 + 5) \times 29$
6684624 $:= 6 \times (68 \times 4^6 - 2) \times 4$
6684672 $:= 6 \times 68 \times (-4 + 6)^{7 \times 2}$
6684738 $:= 6 \times (68 \times 4^7 + 3 + 8)$
6685684 $:= -6 - 6 - 8^5 + 6^8 \times 4$
6716744 $:= (6 \times (-71 + 6^7) - 4) \times 4$
6717264 $:= (6^7 - 1 - 7^2) \times 6 \times 4$
6717864 $:= (6^7 - 17 - 8) \times 6 \times 4$
6718164 $:= (6^{7+1} - 81 + 6) \times 4$
6718224 $:= (6^7 \times 1 - 8 - 2) \times 24$
6718244 $:= (6^7 - 1 - 8) \times 24 - 4$

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6718248 $:= (6^7 - 1 - 8) \times (2^4 + 8)$
6718296 $:= (6^7 + 1 - 8) \times (2 \times 9 + 6)$
6718370 $:= (6^7 - 1) \times 8 \times 3 - 70$
6718374 $:= -6 + ((7-1)^8 - 3 \times 7) \times 4$
6718382 $:= 6^7 \times 1 \times 8 \times 3 - 82$
6718394 $:= (6^7 + 1) \times 8 \times 3 - 94$
6718395 $:= (6^7 - 1) \times 8 \times 3 - 9 \times 5$
6718416 $:= (6^{7+1} - 8) \times 4 - 16$
6718420 $:= (-6 + (7-1)^8) \times 4 - 20$
6718424 $:= (6^{7+1} - 8) \times 4 - 2 \times 4$
6718425 $:= (6^{7+1} - 8) \times 4 - 2 - 5$
6718427 $:= (6^{7+1} - 8) \times 4 + 2 - 7$
6718429 $:= -6 + (7-1)^8 \times 4 - 29$
6718432 $:= (6^{7+1} - 8) \times 4 \times (3 - 2)$
6718433 $:= (6^{7+1} - 8) \times 4 + 3/3$
6718435 $:= 6 + (7-1)^8 \times 4 - 35$
6718437 $:= -6 + (7-1)^8 \times 4 - 3 \times 7$
6718452 $:= (6^7 \times 1 \times 8 - 4) \times (5 - 2)$
6718454 $:= -6 + ((7-1)^8 + 4 - 5) \times 4$
6718462 $:= 6 + (7-1)^8 \times 4 - 6 - 2$
6718465 $:= 6^{7+1} \times (8 - 4) + 6 - 5$
6718468 $:= (6 + (7-1)^8) \times 4 + 6 - 8$
6718470 $:= 6 + (7-1)^8 \times 4 + 7 \times 0$
6718471 $:= 6^{7+1} \times (8 - 4) + 7 \times 1$
6718472 $:= -6 + (7-1)^8 \times 4 + 7 \times 2$
6718473 $:= (6^7 \times 1 \times 8 - 4 + 7) \times 3$
6718475 $:= (-6 + (7-1)^8) \times 4 + 7 \times 5$
6718476 $:= (6^7 \times 4 + 8 + 1 - 7) \times 6$
6718479 $:= (6^7 + 1) \times 8 \times (-4 + 7) - 9$
6718493 $:= (6^{7+1} + 8) \times 4 - 9/3$
6718494 $:= (-6 + (7-1)^8) \times 4 - 9 \times 4$
6718503 $:= ((6^7 + 1) \times 8 + 5) \times 03$
6718524 $:= (6^{7+1} + 8 + 5 + 2) \times 4$
6718533 $:= ((6^7 + 1) \times 8 + 5 \times 3) \times 3$
6718544 $:= (6^{7+1^8} + 5 \times 4) \times 4$
6718624 $:= ((6^7 - 1 + 8) \times 6 - 2) \times 4$

6718648 $:= (6^7 \times 1 + 8) \times 6 \times 4 - 8$
6718656 $:= (6^7 \times 1 + 8) \times (6 \times 5 - 6)$
6718674 $:= 6 \times (7 - (1 - 8 - 6^7) \times 4)$
6718684 $:= (6 - 7 \times (1 - 8) + 6^8) \times 4$
6718824 $:= (6^7 - 1 + 8 + 8) \times 24$
6718896 $:= (6^7 + 18) \times 8 \times (9 - 6)$
6719424 $:= (6^7 + (1 + 9) \times 4) \times 24$
6720048 $:= 6 \times (7 \times (20^{04}) + 8)$
6720480 $:= 6 \times (7 \times 20^4 + 80)$
6723649 $:= (6^{7-2} + 3)^{6-4}/9$
6745235 $:= (6 \times 74 - 5)^2 \times 35$
6749487 $:= (67 + 4 \times 9) \times (4^8 - 7)$
6754002 $:= (-6 + 7^5) \times (400 + 2)$
6756408 $:= -6 + 7^5 \times (-6 + 408)$
6756414 $:= 6 \times 7^5 \times (64 - 1 + 4)$
6756749 $:= 67 \times (5 + 6 \times 7^{-4+9})$
6765131 $:= 6 - 76 + 51^{3+1}$
6765182 $:= -6 - 7 - 6 + 51^{8/2}$
6765195 $:= (6 - 7) \times 6 + 51^{9-5}$
6765214 $:= 6 + 7 + (6 \times 5 + 21)^4$
6782139 $:= ((6 + 7) \times (8 - 2 + 1))^3 \times 9$
6823816 $:= (-6 + 8^2) \times (3 + (8 - 1)^6)$
6834375 $:= (-6 + 8 + 3)^4 \times 3^7 \times 5$
6835723 $:= 6^8 \times 3 + 5^7 \times 23$
6835944 $:= (6 + 8) \times (3 + 5^9)/4 - 4$
6835948 $:= (6 + 8) \times (3 + 5^9)/(-4 + 8)$
6835972 $:= (6 \times 8 + (3 + 5^9) \times 7)/2$
6899256 $:= (((((6 \times 8) - 9) \times 9)^2) \times 56)$
6917814 $:= 6 \times (9 - (1 - 7^8)/(1 + 4))$
6928383 $:= (6^9/(2 \times 8) - 3) \times (8 + 3)$
6928416 $:= 6^9/(2 \times 8) \times (4 + 1 + 6)$
6952688 $:= 6^9 - 5^{2+6} \times 8 - 8$
6952947 $:= (6 - 95) \times (2 - (9 - 4)^7)$
6954684 $:= (6 + 9^5) \times 4 + 6^8 \times 4$
6987492 $:= 69 \times ((8 + 7)^4 + 9) \times 2$
6998325 $:= (6^{-9/9+8} - 3) \times 25$

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6998525 $:= (6^{-9/9+8}+5)\times 25$
6998750 $:= (6^9/(9\times 8)+7)\times 50$
7056420 $:= (7^{05}-6)\times 420$
7112844 $:= 711\times((2+8)^4+4)$
7176162 $:= (-7+1\times 7^6)\times(-1+62)$
7176583 $:= -7+1+7^6\times(58+3)$
7176589 $:= 7^{-1+7}\times(-6+58+9)$
7176643 $:= -7+(1+7^6)\times(64-3)$
7247565 $:= (7+2)\times((4+7)^5+6)\times 5$
7252495 $:= -72+52^4-9^5$
7267391 $:= (7\times 2)^6-(7-3)^9-1$
7285374 $:= (7^2+8^5)\times 3\times 74$
7285565 $:= 7\times((2\times 8)^5-5-6^5)$
7286784 $:= (7\times 2^8-6-7)\times 8^4$
7289903 $:= -7+(2+8)\times(-9+90^3)$
7289993 $:= -7+(2+8)\times(99-9)^3$
7290035 $:= (7+2\times 90^{03})\times 5$
7290049 $:= 7^2+90^{04}/9$
7294176 $:= (7^2+9+4)\times(-1+7^6)$
7339864 $:= 7\times((3-3\times 9)+8^6\times 4)$
7340872 $:= 7\times(3\times 40+8^7/2)$
7349844 $:= (7+3^4)\times(9+8)^4-4$
7349848 $:= (7+3^4)\times(9+8)^{-4+8}$
7397847 $:= (-7+(3^9-7)\times 8)\times 47$
7408346 $:= (7+4)^{08-3}\times 46$
7411779 $:= (-7-4-1+1\times 7^7)\times 9$
7411799 $:= -7+((-4+11)^7-9)\times 9$
7411869 $:= (7^{-4+11}-8+6)\times 9$
7411877 $:= -7-4+1+(1+8)\times 7^7$
7411887 $:= 7^{4+1}\times(-1+8\times 8)\times 7$
7418157 $:= 7\times 4^{1+8+1}+5^7$
7423367 $:= (-7^4+2\times(3\times 3)^6)\times 7$
7425720 $:= ((7+4+2)^5-7)\times 20$
7425855 $:= (7\times 4-2)^5/8\times 5-5$
7428694 $:= 7^4\times(-2+86\times 9\times 4)$
7439628 $:= 7\times((-43+9^6)\times 2+8)$

7464925 $:= (-7+(4\times 6)^4\times 9/2)\times 5$
7465248 $:= (7\times(4+65))^2\times 4\times 8$
7476445 $:= (7^4\times 7-6)\times 445$
7481516 $:= 7^4\times(-8-1+5^{-1+6})$
7493745 $:= 749\times((3+7)^4+5)$
7496644 $:= (7\times 4+9-6+6)^4\times 4$
7499657 $:= -7\times 49+96\times 5^7$
7503125 $:= (7\times 5)^{03-1+2}\times 5$
7503145 $:= ((7\times 5)^{03+1}+4)\times 5$
7512726 $:= -7^5-1-2+(7\times 2)^6$
7512728 $:= -7^5-1+(2\times 7)^{-2+8}$
7519344 $:= 7\times(-(5-1)^9+34^4)$
7525776 $:= -752\times 5+(7+7)^6$
7528776 $:= -752-8+(7+7)^6$
7529386 $:= -75\times 2+(9-3+8)^6$
7529461 $:= -75+(2\times 9-4)^6\times 1$
7529515 $:= -7\times(5-2)+(9+5)^{1+5}$
7529528 $:= (7+5+2)^{9-5+2}-8$
7529532 $:= -7+5-2+(9+5)^{3\times 2}$
7529533 $:= ((7+5+2)\times(9+5))^3-3$
7529536 $:= (7\times 5-29+5+3)^6$
7529542 $:= (7+5)/2+(9+5)^{4+2}$
7529664 $:= (7-5+(-2+9)^6)\times 64$
7533568 $:= (7^5+3\times 3)\times 56\times 8$
7537534 $:= -7^5\times 3\times 7+53^4$
7541465 $:= -7^5+4\times((-1+4)\times 6)^5$
7546343 $:= 7^5+((46+3)\times 4)^3$
7558272 $:= (7-5/5)^8/2\times(7+2)$
7560035 $:= 7\times(5+60^{03}\times 5)$
7560350 $:= 7\times(5\times 60^3+50)$
7560375 $:= (75+60^3\times 7)\times 5$
7560450 $:= (7^5-6)\times 0450$
7562775 $:= (7^5\times 6+2-7)\times 75$
7563125 $:= (7^5\times 6\times 3-1)\times 25$
7563150 $:= 7^5\times(6-3)\times 150$
7563250 $:= (7^5\times(6+3)+2)\times 50$

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7565490 $:= ((7^5+6)\times 5-4)\times 90$
7565775 $:= (7^5\times 6+5\times 7)\times 75$
7565973 $:= -75+6^5\times 973$
7592832 $:= (7+5+9\times 2\times 8)^3\times 2$
7596764 $:= 7^5\times((9+67)\times 6-4)$
7597638 $:= ((7+5)\times 97-6)\times 3^8$
7602176 $:= (-7+6^{02})\times(1+7)^6$
7623175 $:= 7^{6-2}\times 3175$
7645373 $:= (7+(6\times 4-5)\times(3+7))^3$
7646665 $:= (7^6+4-6-6)\times 65$
7646925 $:= (7^6-4)\times(6+9-2)\times 5$
7647185 $:= 7^6\times(4+7\times 1\times 8+5)$
7647445 $:= (7^6+4)\times(74-4-5)$
7647965 $:= (7^6-4+7+9)\times 65$
7655795 $:= 7\times(-65+5^7\times(9+5))$
7669270 $:= (7+6\times 6\times 9)^2\times 70$
7719236 $:= (7+7)\times((1+9^2)^3+6)$
7764372 $:= (7-7^6)\times(4-37)\times 2$
7764647 $:= (7+(7^6-4)\times 6)\times(4+7)$
7764827 $:= -7+7^6\times(-4+(8+2)\times 7)$
7764876 $:= (7-7^6\times(4-8-7))\times 6$
7764966 $:= (7+7^6+4-9)\times 66$
7765625 $:= (77-6)\times 5^6\times(2+5)$
7765667 $:= ((77-6)\times 5^6+6)\times 7$
7797153 $:= 7\times(7\times(9-7)-1)^5\times 3$
7836693 $:= 7\times 8\times 3\times(6^6-9)-3$
7861892 $:= 7^8-61+8^{9-2}$
7863365 $:= (7+(8^6-33)\times 6)\times 5$
7863930 $:= (-7+8^6+3-9)\times 30$
7864110 $:= (-7+8^6)\times(4-1)\times 10$
7864116 $:= ((-7+8^6)\times(4+1)+1)\times 6$
7864165 $:= (-7+(8^6-4\times 1)\times 6)\times 5$
7864193 $:= -7+(8^6-4)\times(1+9)\times 3$
7864215 $:= (-7+8^6\times 4/2)\times 15$
7864235 $:= (7+(8^6-4)\times 2\times 3)\times 5$
7864285 $:= (-7+8^6\times(-4+2+8))\times 5$
7864313 $:= -7+8^6\times(-4+31+3)$
7864335 $:= 7+8+6\times 4^{3\times 3}\times 5$
7864355 $:= (7+8^6\times(4-3+5))\times 5$
7864596 $:= ((7+8^6+4)\times 5-9)\times 6$
7864635 $:= ((7+8^6+4)\times 6-3)\times 5$
7864695 $:= ((7+8^6+4)\times 6+9)\times 5$
7867544 $:= 78\times 6\times(7^5+4)-4$
7867548 $:= 78\times 6\times(7^5-4+8)$
7875336 $:= 7\times 8\times(75^3/3+6)$
7879249 $:= (7\times 8\times 7+9)^2\times 49$
7924225 $:= (7\times 9^2-4)^2\times 25$
7934495 $:= (7+9-3+4)^4\times 95$
7962545 $:= -79+((6-2)\times 5+4)^5$
7962562 $:= (7+9+6+2)^5-62$
7962617 $:= (7+9+6+2)^{6-1}-7$
7962624 $:= (7+9+6+2)^6/24$
7962645 $:= 7\times 9/(6/2)+(6\times 4)^5$
7963296 $:= (7+(96\times 3)^2)\times 96$
7964462 $:= (7\times 9^6+(4+4)^6)\times 2$
7964534 $:= ((7+9+6)^4-5)\times 34$
7968757 $:= 7+(9+6+87)\times 5^7$
7971510 $:= (-7+9^{7-1})\times(5+10)$
7971513 $:= ((-7+9^{7-1})\times 5+1)\times 3$
7971573 $:= (-7+9^{7-1}\times 5-7)\times 3$
7971599 $:= -7+9^7\times 15/9-9$
7971613 $:= (-7+9^7\times(-1+6)+1)/3$
7971615 $:= ((7+9-7)\times 1)^6\times 15$
7971625 $:= (7+9^7-1)/(6/2)\times 5$
7971635 $:= (7+9^7-1+6)/3\times 5$
7997584 $:= (-7+9\times 9\times 7\times 5)^{8/4}$
8052550 $:= (8+05-2)^5\times 50$
8056550 $:= (80+(5+6)^5)\times 50$
8066448 $:= 806\times((6+4)^4+8)$
8128512 $:= 8\times(12\times(85-1))^2$
8165772 $:= 81\times 6\times(-5+7^{7-2})$
8193532 $:= (-8+19+3^5)^3/2$

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$8235775 := (8+2)\times(35+7^7)-5$
$8253738 := (8+2\times 5^{-3+7})\times 3^8$
$8253952 := (8\times(2+5))^3\times(9\times 5+2)$
$8290528 := 8\times(2\times 509)^2-8$
$8301447 := (8+30-1-4)^4\times 7$
$8338947 := (8^3-3)\times(8-9+4^7)$
$8339552 := 8\times(3+(-3+(9-5)^5)^2)$
$8340544 := (83-40-5)^4\times 4$
$8347648 := 8^3\times(4^7-(6+4)\times 8)$
$8353125 := (8+3)\times(5\times 3)^{1^2\times 5}$
$8353258 := (8\times 3)^5+3^2+5^8$
$8369235 := (83\times 6-9)^2\times 35$
$8374272 := 8^3\times(-7\times 4+2^{7\times 2})$
$8374652 := (8+3)^{7+4-6}\times 52$
$8382528 := (8^3-8)^2\times(5+28)$
$8384512 := 8^3\times(-8+4^{5\times 1+2})$
$8385536 := 8^3\times(8^5/(5-3)-6)$
$8385792 := (-8-3+8^5)\times(7+9)^2$
$8385864 := -8\times(3+(85-8^6)\times 4)$
$8386784 := (-8^3+(8^6+7)\times 8)\times 4$
$8387784 := -8^3+(8^7-78)\times 4$
$8388256 := 8\times(-38+(8\times 2)^5-6)$
$8388276 := (-8^3+8^8)/2-76$
$8388288 := (-8^3+8^8)/2-8\times 8$
$8388351 := (8^3-8^8)/(3-5)-1$
$8388442 := (-83+8^8/4)\times(4-2)$
$8388452 := (-83+8^8/4+5)\times 2$
$8388512 := 8\times((3\times 8-8)^5-12)$
$8388525 := -83+(8^8\times 5)/(2\times 5)$
$8388528 := 8\times((3\times 8-8)^5-2-8)$
$8388536 := 8\times((3\times 8-8)^5-3-6)$
$8388542 := -8\times(3-(8+8)^5)-42$
$8388544 := 8\times((3\times 8-8)^5-4-4)$
$8388546 := -8\times(3-(8+8)^5+4)-6$
$8388552 := 8\times((3\times 8-8)^5-5-2)$
$8388554 := 8\times(3\times 8-8)^5-54$
$8388559 := 8\times((3\times 8-8)^5-5)-9$
$8388573 := 8\times(3+(8+8)^5-7)-3$
$8388576 := 8\times(-3+(8+8)^5-7+6)$
$8388577 := -8\times 3+8^8/(-5+7)-7$
$8388582 := -8\times 3+(8+8)^5\times 8-2$
$8388584 := -8\times 3+8\times 8^5\times 8\times 4$
$8388586 := 8+(-3+(8+8)^5)\times 8-6$
$8388592 := 8+(-3+8^8-5\times 9)/2$
$8388596 := (-8\times 3+8^8)/(5-9+6)$
$8388597 := -8-3+8^8/((5+9)/7)$
$8388728 := (8+3+(8+8^7)/2)\times 8$
$8388744 := (-8+38+8^7+4)\times 4$
$8388746 := -8+(38+8^7)\times 4-6$
$8388768 := 8\times 3\times(-8+8^7)/6-8$
$8388784 := -8+(38+8^7+8)\times 4$
$8388862 := (8^3+8^8)/(8-6)-2$
$8388864 := (8^3+8^8)\times(8-6)/4$
$8388868 := (8^3+8^8+8)/(-6+8)$
$8388912 := 8\times 38+8^{9-1}/2$
$8394752 := 8^3\times(9+4^7+5-2)$
$8396730 := (-(8-3)\times 9+6^7)\times 30$
$8398072 := -8+(-3+9)^8\times(07-2)$
$8398075 := (-8+(-3+9)^8+07)\times 5$
$8398115 := (8+(-3+9)^8-1)\times 1\times 5$
$8398135 := (8+(-3+9)^8+1\times 3)\times 5$
$8398145 := (8+(-3+9)^8+1+4)\times 5$
$8398235 := (8+(-3+9)^8+23)\times 5$
$8399685 := (8\times 39+9+6^8)\times 5$
$8425452 := (8^4-2)\times(5+4^5)\times 2$
$8433224 := 8+4\times 3\times 3\times 22^4$
$8454208 := 8\times((4^5+4)^2-08)$
$8454216 := 8\times((4^5+4)^2-1-6)$
$8454224 := 8\times((4^5+4)^2-2-4)$
$8454232 := 8\times((4^5+4)^2-3-2)$
$8454236 := 8\times(4^5+4)^2-36$
$8454239 := 8\times((4^5+4)^2-3)-9$

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8454263 $:= 8 \times (4^5 + 4)^2 - 6 - 3$
8454269 $:= 8 \times (4^5 + 4)^2 + 6 - 9$
8454296 $:= 8 \times ((4^5 + 4)^2 + 9 - 6)$
8459982 $:= ((8 + 4)^5 - 9) \times (9 + 8) \times 2$
8470693 $:= 8 \times (-4 + 7^{06} \times 9) - 3$
8487364 $:= -8 + (4 + 8) \times (-7 + 36)^4$
8489631 $:= 8 \times (-4 + ((8 + 9) \times 6)^3) - 1$
8489664 $:= ((8 + 4) \times (8 + 9))^{(6+6)/4}$
8489696 $:= 8 \times (4 + ((8 + 9) \times 6)^{9-6})$
8502544 $:= -8^{5-02} + 54^4$
8502964 $:= 8 - 50 \times 2 + (9 \times 6)^4$
8502968 $:= 8 \times (5 + 02 \times (9^6 - 8))$
8503296 $:= 8 \times (5 + 03^{2+9}) \times 6$
8519420 $:= (8^5 - 1) \times (9 + 4) \times 20$
8522739 $:= (852/2 + 7) \times 3^9$
8535824 $:= 8^5 + ((35 - 8) \times 2)^4$
8547697 $:= 8 \times (-5 + 4 \times 7^6) + 9^7$
8552444 $:= 8^5 \times (5 + 2^{4+4}) - 4$
8552448 $:= 8^5 \times (5 + (2 \times 4/4)^8)$
8561915 $:= (8^5 + 6^{-1+9} - 1) \times 5$
8561935 $:= (8^5 + 6^{-1+9} + 3) \times 5$
8566884 $:= (8 + 5^6) \times (68 \times 8 + 4)$
8567575 $:= 85 \times (6 \times (7^5 - 7) - 5)$
8571546 $:= (85 \times (7 \times 1)^5 - 4) \times 6$
8571565 $:= 85 \times (7 \times 1)^5 \times 6 - 5$
8573184 $:= (8 \times (5 \times 73 + 1))^{8/4}$
8588553 $:= (8 \times (5^8 - 8^5) - 5) \times 3$
8593758 $:= 8 + (59 - 37) \times 5^8$
8605216 $:= ((8 + 6)^{05} + 2) \times 16$
8613677 $:= (8^6 + 1) \times 36 - 7^7$
8615133 $:= 8 + (615 \times 1/3)^3$
8629248 $:= (8 \times (62 - 9))^2 \times 48$
8643375 $:= ((8 + 6)^4 \times 3 - 3) \times 75$
8650587 $:= (8^6 - 5) \times (05 \times 8 - 7)$
8650746 $:= 8^6 \times (5 + 07 \times 4) - 6$
8650752 $:= 8^6 \times ((5 \times 0 + 7) \times 5 - 2)$
8675516 $:= 8 + (6 + 7^5) \times 516$
8675733 $:= (8^6 + 757) \times 33$
8677985 $:= (8 - 6^7 - 7) \times (9 - 8 \times 5)$
8678256 $:= -8 + (6^7 + 8) \times (25 + 6)$
8745813 $:= (-8 + 7^4 \times 5) \times (8 + 1)^3$
8747271 $:= (8 + 7^4/7)^2 \times 71$
8752149 $:= (8 \times 7 + 5 \times 21^4) \times 9$
8752279 $:= (-8 + 7^5) \times (2^{2+7} + 9)$
8754375 $:= 87 \times (5^4 + (3 + 7)^5)$
8759664 $:= (-8 + 759) \times 6^6/4$
8765127 $:= (8 \times 7 + 6^5 + 1)^2/7$
8773236 $:= (87 \times 7^{3+2} - 3) \times 6$
8794653 $:= 87 \times (9 + 4) \times 6^5 - 3$
8796928 $:= 8^7 \times 9 - 6^9 + 2^8$
8817978 $:= (8 + (-8 + (-1 + 7)^9) \times 7)/8$
8823675 $:= (8 - 8/2 + 3)^6 \times 75$
8857765 $:= (-8 + (8 - 5 - 7 - 7)^6) \times 5$
8869743 $:= (8 \times 8 + 69 + 74)^3$
8871456 $:= 88 \times (7^{1+4} - 5) \times 6$
8871656 $:= 8 \times (8 + 71 \times (-6 + 5^6))$
8874096 $:= 88 \times 7^{-4+09} \times 6$
8912488 $:= (8 + 9) \times (-1 - 2 + 4^8) \times 8$
8912862 $:= (8 + 9) \times (1 \times 2 \times 8^6 - 2)$
8933376 $:= 8^{(9+3)/3} \times (3^7 - 6)$
8937676 $:= (-8 \times (9 - 3) + 7^6) \times 76$
8943376 $:= (8 \times 9 + 4) \times (3^3 + 7^6)$
8945276 $:= (8 \times 9 + 4) \times (52 + 7^6)$
8957685 $:= (-89 + (5 + 7)^6) \times (8 - 5)$
8957933 $:= 8 + (-9 + (5 + 7)^{9-3}) \times 3$
8957944 $:= -8 + 9 \times (5 + 7)^{9-4} \times 4$
8957951 $:= (8 + 9 - 5)^7/(9 - 5) - 1$
8968323 $:= ((8 \times 9)^{-6+8} + 3)^2/3$
8974926 $:= (89 \times 7^{-4+9} - 2) \times 6$
8974986 $:= (89 \times 7^{-4+9} + 8) \times 6$
8998912 $:= ((8 + 9 + 9) \times 8)^{9/(1+2)}$
8999856 $:= 8 \times (-9 - 9 + 9 \times 8 \times 5^6)$

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9036595 $:= -90^3 + (-6 + 5^9) \times 5$
9075690 $:= 90 \times 7^5 \times 6 - 90$
9075699 $:= 90 \times 7^5 \times 6 - 9 \times 9$
9075726 $:= (90 \times 7^5 - 7 - 2) \times 6$
9075786 $:= (90 \times 7^5 - 7 + 8) \times 6$
9075828 $:= (90 \times 7^5 + 8) \times (-2 + 8)$
9122470 $:= (9 + 12 - 2)^4 \times 70$
9139571 $:= 9 \times 13 \times (-9 + 5^7) - 1$
9142569 $:= ((91 \times 4)^2 + 5) \times 69$
9174925 $:= (-9 + 1 \times 7 \times (4^9 - 2)) \times 5$
9174935 $:= (-9 - 1 + 7 + 4^9) \times 35$
9174945 $:= (9 + 1 \times 7 \times (4^9 - 4)) \times 5$
9174949 $:= -91 + 7 \times 4^9 \times (-4 + 9)$
9174965 $:= (-9 + (1 \times 7 \times 4^9 - 6)) \times 5$
9174975 $:= (-91/7 + 4^9 \times 7) \times 5$
9174995 $:= ((9 - 1)^7 - 4^9 - 9) \times 5$
9175049 $:= 9 + 1 \times 7 \times 5 \times 04^9$
9176328 $:= ((9 + 1 + 7) \times 63)^2 \times 8$
9176378 $:= -9 - 1 + (7^6 - 3) \times 78$
9176457 $:= (9 + 1)^7 - (6 - 4 + 5)^7$
9176613 $:= -9 + 1 \times 7^6 \times 6 \times 13$
9176676 $:= (9 + 1 \times 7^6 \times (6 + 7)) \times 6$
9176778 $:= (9 + 1 \times 7^6 - 7) \times 78$
9216447 $:= 921 \times ((6 + 4)^4 + 7)$
9236799 $:= (9 + 2) \times (3 \times 6^7 - 99)$
9237884 $:= (9 \times 2)^{-3+7} \times 88 - 4$
9237888 $:= (9 \times 2)^{3-7+8} \times 88$
9243850 $:= (9 - 2)^4 \times 3850$
9252846 $:= -9 \times (2 + (5 - 2^8) \times 4^6)$
9253764 $:= (9 \times 2)^{5-3} \times (7 + 6)^4$
9277462 $:= 92 \times 7 \times 7^4 \times 6 - 2$
9294645 $:= 929 \times ((4 + 6)^4 + 5)$
9334953 $:= ((9 + 33)^4 - 9 \times 5) \times 3$
9338595 $:= (-9/3 + 3 \times 8^5) \times 95$
9363276 $:= (9 \times (36 + 3))^2 \times 76$
9363744 $:= 936 \times ((3 + 7)^4 + 4)$
9375516 $:= 93 \times (7^5 - 5) \times 1 \times 6$
9375864 $:= (-9 \times (3 - 7) + 5^8) \times 6 \times 4$
9377469 $:= 93 \times (7 \times 7^4 \times 6 - 9)$
9378306 $:= 93 \times 7^{8-3} \times 06$
9383112 $:= 9 \times 38^{3+1}/(1 \times 2)$
9383121 $:= 9 \times (38^{3+1}/2 + 1)$
9391653 $:= 9 \times (3^9 \times 1 + 6) \times 53$
9434882 $:= (9^{4+3} - 4^8 + 8) \times 2$
9434988 $:= 9 \times 4 \times (3 + 4^9 - 8 \times 8)$
9436536 $:= 9 \times 4 \times (-3 \times 6 + (5 + 3)^6)$
9436824 $:= 9 \times (4^{3+6} - 8 - 2) \times 4$
9437067 $:= 9 \times (4^{3+7} - 06 - 7)$
9437092 $:= 9 \times 4^{3+7} - 092$
9437139 $:= 9 \times (4^{3+7} + 1 + 3 - 9)$
9437142 $:= 9 \times 4^{3+7} - 1 \times 42$
9437144 $:= 9 \times (4^{3+7} - 1 \times 4) - 4$
9437147 $:= 9 \times (4^{3+7} - 1) - 4 \times 7$
9437148 $:= 9 \times 4^{3+7} + 1 \times 4 - 8$
9437149 $:= 9 \times 4^{3+7} + 1 - 4 \times 9$
9437157 $:= 9 \times (4^{3+7} - 1 + 5 - 7)$
9437163 $:= 9 \times 4^{3+7} - (1 + 6) \times 3$
9437164 $:= 9 \times 4^{3+7} - 16 - 4$
9437166 $:= 9 \times (4^{3+7} - 1 - 6/6)$
9437169 $:= 9 \times 4^{3+7} - 1 \times 6 - 9$
9437172 $:= 9 \times 4^{3+7} + (1 - 7) \times 2$
9437173 $:= 9 \times 4^{3+7} - 1 - 7 - 3$
9437174 $:= 9 \times 4^{3+7} + 1 - 7 - 4$
9437175 $:= 9 \times (4^{3+7} - 1^7 5)$
9437176 $:= 9 \times (4^{3+7} - 1) + 7 - 6$
9437177 $:= 9 \times 4^{3+7} - 1^7 \times 7$
9437178 $:= 9 \times (4^{3+7} + 1) - 7 - 8$
9437182 $:= 9 \times 4^{3+7} - 1^8 \times 2$
9437183 $:= 9 \times 4^{3+7} - 1^8 3$
9437184 $:= (9 - 4 + 3)^7 \times 18/4$
9437185 $:= 9 \times 4^{3+7} + 1^8 5$
9437186 $:= 9 \times 4^{3+7} + 1 \times 8 - 6$

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9437191 $:= 9 \times 4^{3+7} - 1 + 9 - 1$
9437192 $:= 9 \times 4^{3+7} + 1 + 9 - 2$
9437193 $:= 9 \times (4^{3+7} + 1^9 3)$
9437196 $:= 9 + (4^{3+7} + 1) \times 9 - 6$
9437201 $:= 9 \times (4^{3+7} + 2) - 01$
9437202 $:= 9 \times (4^{3+7} + 2 \times 0 + 2)$
9437211 $:= 9 \times (4^{3+7} + 2 \times 1 + 1)$
9437216 $:= 9 \times 4^{3+7} + 2 \times 16$
9437234 $:= 9 \times (4^{3+7} + 2 \times 3) - 4$
9437247 $:= 9 \times ((4 \times (3 + 7 - 2))^4 + 7)$
9437248 $:= 9 \times 4^{3+7} + 2 \times 4 \times 8$
9437265 $:= 9 \times (4^{3+7} - 2 + 6 + 5)$
9437274 $:= 9 \times (4^{3+7} + 2 \times 7 - 4)$
9437304 $:= 9 \times 4^{3+7} + 30 \times 4$
9437346 $:= 9 \times (4^{3+7} + 3 \times 4 + 6)$
9437358 $:= 9 \times 4^{3+7} + 3 \times 58$
9437382 $:= 9 \times (4^{3+7} + 3 \times 8 - 2)$
9437472 $:= 9 \times 4^{3+7} + 4 \times 72$
9437481 $:= 9 \times (4^{3+7} + 4 \times 8 + 1)$
9437499 $:= 9 \times (4^{3+7} + 4 \times 9) - 9$
9437544 $:= 9 \times (4^{3+7} + 5 \times (4 + 4))$
9437579 $:= 9 \times 4^{3+7} + 5 \times 79$
9437597 $:= 9 \times 4^{3+7} + 59 \times 7$
9437652 $:= 9 \times (4^{-3+7+6} + 52)$
9437688 $:= 9 \times (4^{3+7} + 6 \times 8 + 8)$
9437697 $:= 9 \times (4^{3+7} - 6 + 9 \times 7)$
9437786 $:= 9 \times 4^{3+7} + 7 \times 86$
9437832 $:= 9 \times (4^{3+7} + 8 \times 3^2)$
9437868 $:= 9 \times (4^{3+7} + 8 + 68)$
9437886 $:= 9 \times (4^{3+7} - 8 + 86)$
9437888 $:= 9 \times 4^{3+7} + 8 \times 88$
9437913 $:= 9 \times 4^{3+7} + (9 \times 1)^3$
9437949 $:= 9 \times (4^{3+7} + 94 - 9)$
9437949 $:= 9 + (4^9 + 7 \times 3) \times 4 \times 9$
9443745 $:= 9^4 + 4^{3+7} \times (4 + 5)$
9445977 $:= 9 \times ((4 \times 4)^5 + 977)$
9446144 $:= (9 \times (4 + 4^6) - 1) \times 4^4$
9446445 $:= 9 \times ((4 + 4^6) \times 4^4 + 5)$
9447840 $:= 9^4 \times (4 \times 7 + 8) \times 40$
9483264 $:= (9 + 4 + 8)^3 \times 2^{6+4}$
9487404 $:= 9 \times 4 + 8 \times (-7 + 40)^4$
9492552 $:= -9 + (-4 \times (9 + 2) + 5^5)^2$
9528759 $:= 9 \times (-5 + 7^{8-2} - 5) \times 9$
9529569 $:= (9 \times 5 - 29 + 5)^6 / 9$
9557692 $:= 9 \times (5^5 + 7^6 \times 9) - 2$
9559724 $:= (9 - (5^5 - 9^7)/2) \times 4$
9563949 $:= 9 \times (-5 + 6 \times (3^9 - 4) \times 9)$
9564399 $:= 9 \times ((5 - 6 \times (4 - 3^9)) \times 9)$
9565929 $:= 9^{5+6-5} \times 9 \times 2 - 9$
9565932 $:= (9^{5+6+5-9} - 3) \times 2$
9565938 $:= 9^5 \times 6^5 / ((9 - 3) \times 8)$
9565972 $:= 9 \times 5 - 6 - 5 + 9^7 \times 2$
9565973 $:= 9 \times 5 + 6 \times (-5 + 9^7)/3$
9566127 $:= (9^5 \times 6 + 6 + 1) \times 27$
9566913 $:= ((9^5 + 6) \times 6 \times 9 + 1) \times 3$
9567668 $:= (9 \times 5^6 + 76) \times 68$
9567944 $:= 9 + 5 \times 67 \times (9 + 4)^4$
9573417 $:= (9 \times (5 + 7) + 3)^{4-1} \times 7$
9637744 $:= (-96^3 + 7^7 \times 4) \times 4$
9653622 $:= ((9 + 6 - 5 + 3)^6 + 2) \times 2$
9663597 $:= (-9 + 6 + 6^3)^{5-9+7}$
9663693 $:= 96 + (6^3 + 6 - 9)^3$
9677568 $:= 96 \times ((-7 + 7^5) \times 6 + 8)$
9680832 $:= 9 \times (6 + 8)^{08-3} \times 2$
9683892 $:= (9^6 - 8 + 3^8) \times 9 \times 2$
9684426 $:= (-9 + 6^8 - 4^{4 \times 2}) \times 6$
9711942 $:= 971 \times ((1 + 9)^4 + 2)$
9715592 $:= -97 + (1 + 5^5 - 9)^2$
9739440 $:= ((9 \times 7)^3 - 9^4) \times 40$
9739557 $:= 9 \times (-7 + 3^9) \times 55 + 7$
9763573 $:= -9 \times 76 \times 3 + 5^{7+3}$
9765521 $:= -97 - 6 + 5^{5 \times 2} - 1$

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$9765527 := -97+6+5^{5\times 2}-7$
$9765528 := -97+(6-5)\times 5^{2+8}$
$9765553 := -9\times 7-6+(5\times 5)^5-3$
$9765554 := 9-76+(5\times 5)^5-4$
$9765556 := -9\times 7+(6\times 5-5)^5-6$
$9765558 := 9-76+5\times 5\times 5^8$
$9765559 := -9\times 7+6+(5\times 5)^5-9$
$9765561 := -(9-7)^6+5^{5+6-1}$
$9765562 := -9\times 7+(6+5^5-6)^2$
$9765568 := -9\times 7+6+5^{5\times(-6+8)}$
$9765573 := -9\times 7+6+5+5^{7+3}$
$9765585 := (-9+7-6+5\times 5^8)\times 5$
$9765591 := 9-7\times 6+5\times 5^9-1$
$9765594 := -9-7\times 6+5\times(5^9+4)$
$9765598 := 9-76+5\times(5^9+8)$
$9765613 := -(9-7)\times 6+5^{6+1+3}$
$9765615 := -9-7+6+5^{6-1+5}$
$9765616 := -9+(7-6)\times 5^{-6+16}$
$9765625 := ((9-7)\times 6+5+6+2)^5$
$9765635 := 9+7-6+5^{(6/3)\times 5}$
$9765637 := (9-7)\times 6+5^{6-3+7}$
$9765659 := (9-7)^6+5\times(-6+5^9)$
$9765682 := 9\times 7-6+5^{6+8/2}$
$9765721 := (9+7)\times 6+5^{7+2+1}$
$9765736 := 9\times(7+6)+5^{7+3}-6$
$9765825 := (9-7+6+5^8)\times 25$
$9765855 := (9+7+(6+5^8)\times 5)\times 5$
$9765915 := (9\times 7-6+5^9+1)\times 5$
$9765955 := (-9+76+5^9)\times 5-5$
$9765985 := ((9-7)^6+5^9+8)\times 5$
$9766255 := 9\times(76-6)+25^5$
$9766595 := 976-6+5^9\times 5$
$9772573 := 9\times 772+5^{7+3}$
$9781674 := 97\times(8-1)\times 6\times 7^4$
$9809424 := (9\times(80+94))^2\times 4$
$9830485 := (9+8+30\times 4^8)\times 5$
$9834424 := -9\times 8+((3+4)\times 4\times 2)^4$
$9834448 := ((9+8-3)\times 4)^4-48$
$9834475 := -9+(8\times(3+4))^4-7-5$
$9834484 := ((9+8-3)\times 4)^4-8-4$
$9834487 := -9+(8\times(3+4))^4\times(8-7)$
$9834488 := -9+(8\times(3+4))^4+(8/8)$
$9834543 := 9\times((8+3)\times(4+5)+4)^3$
$9834874 := ((9\times(8+34))+((8\times 7)^4))$
$9841500 := 9^{8-4}\times 1500$
$9842679 := 9\times 8^4\times 267-9$
$9863177 := 9+86\times(3+1)^7\times 7$
$9871875 := (98/7-1)\times(8+7)^5$
$9874284 := (-98+7^{4+2})\times 84$
$9882477 := 9-(8+8/2)\times(4-7^7)$
$9933858 := ((9^9-3)/3-8)/(5+8)$
$9938957 := (-(9+9)/3+(8+9)^5)\times 7$
$9961472 := (99-61)\times 4^{7+2}$
$9966788 := ((-9+(9+6)^6)\times 7-8)/8$
$9966789 := (9+(9+6)^6\times 7)/8-9$
$9987516 := 99\times(8+7^5-1)\times 6$
$9987534 := -99+8^7+53^4$
$9999744 := ((9/9)^9+9)^7-4^4$
$9999976 := -9-9+(9/9+9)^7-6$

3 Reverse Order of Digits

This section brings **selfie numbers** written in reverse order of Digits. The results are up to 7-digits numbers. It is divided in three subsections. One with symmetric and consecutive. Second symmetric and nonconsecutive and third general values.

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3.1 Without Addition and Subtraction Coefficients

$$\mathbf{25} := 5^2$$

$$\mathbf{126} := 6 \times 21$$
$$\mathbf{153} := 3 \times 51$$
$$\mathbf{688} := 8 \times 86$$

$$\mathbf{1395} := 5 \times 9 \times 31$$
$$\mathbf{2048} := 8^4/02$$
$$\mathbf{2916} := (6 \times 1 \times 9)^2$$

$$\mathbf{22264} := 46 \times 22^2$$
$$\mathbf{22528} := (8/2)^5 \times 22$$
$$\mathbf{26973} := 37 \times 9^{6/2}$$
$$\mathbf{33579} := 9 \times 7 \times 533$$
$$\mathbf{36864} := (4 \times 6 \times 8)^{6/3}$$
$$\mathbf{37668} := 86 \times 6 \times 73$$

$$\mathbf{015625} := 5^{2 \times 6 \times 5/10}$$
$$\mathbf{102912} := (2 \times 1)^9 \times 201$$
$$\mathbf{112536} := 6^3 \times 521 \times 1$$
$$\mathbf{124416} := 6 \times 144^2 \times 1$$
$$\mathbf{170471} := 1 \times 7^4 \times 071$$
$$\mathbf{187029} := 9 \times 20781$$
$$\mathbf{209952} := 2^5 \times (9 \times 9)^{02}$$
$$\mathbf{223524} := 42 \times 5322$$
$$\mathbf{262144} := (4^4 \times 12/6)^2$$
$$\mathbf{267034} := 4307 \times 62$$
$$\mathbf{314928} := 8 \times 2 \times 9^4 \times 1 \times 3$$
$$\mathbf{354375} := 5 \times 7 \times 3^4 \times 5^3$$
$$\mathbf{441344} := 4 \times 431 \times 4^4$$
$$\mathbf{589824} := 4^2/8 \times 9 \times 8^5$$

$$\mathbf{1008126} := 6 \times 21 \times 8001$$
$$\mathbf{1240029} := 9^{20/04} \times 21$$
$$\mathbf{1329264} := 4 \times 6^2 \times 9231$$
$$\mathbf{1333248} := 84 \times 2^{3 \times 3} \times 31$$
$$\mathbf{1480368} := 8 \times 6 \times 30841$$
$$\mathbf{1492992} := 2^9 \times 9^2 \times 9 \times 4 \times 1$$
$$\mathbf{1514955} := 5 \times 5941 \times 51$$
$$\mathbf{1574253} := 3 \times 524751$$
$$\mathbf{1766196} := 691 \times 6 \times 6 \times 71$$
$$\mathbf{1791495} := 5 \times 9 \times 41 \times 971$$
$$\mathbf{1831086} := 6 \times 801 \times 381$$
$$\mathbf{1945944} := 44 \times 9 \times 54 \times 91$$
$$\mathbf{2162688} := 88 \times 6 \times (2^6 \times 1)^2$$
$$\mathbf{2328576} := 6 \times 758 \times 2^{3^2}$$
$$\mathbf{2336064} := (46 \times 06)^3/(3^2)$$
$$\mathbf{2624832} := 2 \times 3 \times 84^2 \times 62$$
$$\mathbf{2722734} := 4 \times (3 \times 7)^{2 \times 2} \times 7/2$$
$$\mathbf{2784384} := 4834 \times 8 \times 72$$
$$\mathbf{2794764} := 4 \times 6 \times 7^4 \times 97/2$$
$$\mathbf{3359232} := 2^{3^2} \times 9^5/(3 \times 3)$$
$$\mathbf{3927552} := 2557 \times 2^9 \times 3$$
$$\mathbf{3981312} := 2^{13} \times 18 \times 9 \times 3$$
$$\mathbf{4456448} := 8/4 \times 4^6 \times 544$$
$$\mathbf{4499712} := 217 \times 9 \times 9 \times 4^4$$
$$\mathbf{4782969} := 9^6 \times 9 \times 28/(7 \times 4)$$
$$\mathbf{6377292} := 2 \times (9^2 \times 7/7)^3 \times 6$$
$$\mathbf{7012352} := 2^{5 \times 3} \times 2 \times 107$$
$$\mathbf{7483392} := 29 \times 3 \times 3 \times 8^4 \times 7$$
$$\mathbf{7503125} := (5 \times 21/3)^{05}/7$$
$$\mathbf{8126464} := 4^6 \times 4 \times 62 \times 1 \times 8$$

3.2 Symmetric and Consecutive

$$\mathbf{013950} := 0 + 5 \times 9 \times 310$$
$$\mathbf{013951} := 1 + 5 \times 9 \times 310$$
$$\mathbf{013952} := 2 + 5 \times 9 \times 310$$
$$\mathbf{013953} := 3 + 5 \times 9 \times 310$$

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$\mathbf{013954} := 4 + 5 \times 9 \times 310$
$\mathbf{013955} := 5 + 5 \times 9 \times 310$
$\mathbf{013956} := 6 + 5 \times 9 \times 310$
$\mathbf{013957} := 7 + 5 \times 9 \times 310$
$\mathbf{013958} := 8 + 5 \times 9 \times 310$
$\mathbf{013959} := 9 + 5 \times 9 \times 310$

$\mathbf{061440} := 0 + 4^{4+1} \times 60$
$\mathbf{061441} := 1 + 4^{4+1} \times 60$
$\mathbf{061442} := 2 + 4^{4+1} \times 60$
$\mathbf{061443} := 3 + 4^{4+1} \times 60$
$\mathbf{061444} := 4 + 4^{4+1} \times 60$
$\mathbf{061445} := 5 + 4^{4+1} \times 60$
$\mathbf{061446} := 6 + 4^{4+1} \times 60$
$\mathbf{061447} := 7 + 4^{4+1} \times 60$
$\mathbf{061448} := 8 + 4^{4+1} \times 60$
$\mathbf{061449} := 9 + 4^{4+1} \times 60$

$\mathbf{081920} := 0 + 2^{9+1} \times 80$
$\mathbf{081921} := 1 + 2^{9+1} \times 80$
$\mathbf{081922} := 2 + 2^{9+1} \times 80$
$\mathbf{081923} := 3 + 2^{9+1} \times 80$
$\mathbf{081924} := 4 + 2^{9+1} \times 80$
$\mathbf{081925} := 5 + 2^{9+1} \times 80$
$\mathbf{081926} := 6 + 2^{9+1} \times 80$
$\mathbf{081927} := 7 + 2^{9+1} \times 80$
$\mathbf{081928} := 8 + 2^{9+1} \times 80$
$\mathbf{081929} := 9 + 2^{9+1} \times 80$

$\mathbf{163840} := 0 + (4 \times 8)^3 \times (6 - 1)$
$\mathbf{163841} := 1 + (4 \times 8)^3 \times (6 - 1)$
$\mathbf{163842} := 2 + (4 \times 8)^3 \times (6 - 1)$
$\mathbf{163843} := 3 + (4 \times 8)^3 \times (6 - 1)$
$\mathbf{163844} := 4 + (4 \times 8)^3 \times (6 - 1)$
$\mathbf{163845} := 5 + (4 \times 8)^3 \times (6 - 1)$
$\mathbf{163846} := 6 + (4 \times 8)^3 \times (6 - 1)$
$\mathbf{163847} := 7 + (4 \times 8)^3 \times (6 - 1)$
$\mathbf{163848} := 8 + (4 \times 8)^3 \times (6 - 1)$
$\mathbf{163849} := 9 + (4 \times 8)^3 \times (6 - 1)$

$\mathbf{328510} := 0 + 1 + (5 + 8^2)^3$
$\mathbf{328511} := 1 + 1 + (5 + 8^2)^3$
$\mathbf{328512} := 2 + 1 + (5 + 8^2)^3$
$\mathbf{328513} := 3 + 1 + (5 + 8^2)^3$
$\mathbf{328514} := 4 + 1 + (5 + 8^2)^3$
$\mathbf{328515} := 5 + 1 + (5 + 8^2)^3$
$\mathbf{328516} := 6 + 1 + (5 + 8^2)^3$
$\mathbf{328517} := 7 + 1 + (5 + 8^2)^3$
$\mathbf{328518} := 8 + 1 + (5 + 8^2)^3$
$\mathbf{328519} := 9 + 1 + (5 + 8^2)^3$

$\mathbf{466520} := 0 + 2 \times 5 \times (6^6 - 4)$
$\mathbf{466521} := 1 + 2 \times 5 \times (6^6 - 4)$
$\mathbf{466522} := 2 + 2 \times 5 \times (6^6 - 4)$
$\mathbf{466523} := 3 + 2 \times 5 \times (6^6 - 4)$
$\mathbf{466524} := 4 + 2 \times 5 \times (6^6 - 4)$
$\mathbf{466525} := 5 + 2 \times 5 \times (6^6 - 4)$
$\mathbf{466526} := 6 + 2 \times 5 \times (6^6 - 4)$
$\mathbf{466527} := 7 + 2 \times 5 \times (6^6 - 4)$
$\mathbf{466528} := 8 + 2 \times 5 \times (6^6 - 4)$
$\mathbf{466529} := 9 + 2 \times 5 \times (6^6 - 4)$

$\mathbf{466560} := 0 + 6^5 \times 6 \times (6 + 4)$
$\mathbf{466561} := 1 + 6^5 \times 6 \times (6 + 4)$
$\mathbf{466562} := 2 + 6^5 \times 6 \times (6 + 4)$
$\mathbf{466563} := 3 + 6^5 \times 6 \times (6 + 4)$
$\mathbf{466564} := 4 + 6^5 \times 6 \times (6 + 4)$
$\mathbf{466565} := 5 + 6^5 \times 6 \times (6 + 4)$
$\mathbf{466566} := 6 + 6^5 \times 6 \times (6 + 4)$
$\mathbf{466567} := 7 + 6^5 \times 6 \times (6 + 4)$
$\mathbf{466568} := 8 + 6^5 \times 6 \times (6 + 4)$
$\mathbf{466569} := 9 + 6^5 \times 6 \times (6 + 4)$

$\mathbf{468750} := 0 + 5^7 \times (8 - 6 + 4)$
$\mathbf{468751} := 1 + 5^7 \times (8 - 6 + 4)$
$\mathbf{468752} := 2 + 5^7 \times (8 - 6 + 4)$

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$\mathbf{468753} := 3 + 5^7 \times (8 - 6 + 4)$
$\mathbf{468754} := 4 + 5^7 \times (8 - 6 + 4)$
$\mathbf{468755} := 5 + 5^7 \times (8 - 6 + 4)$
$\mathbf{468756} := 6 + 5^7 \times (8 - 6 + 4)$
$\mathbf{468757} := 7 + 5^7 \times (8 - 6 + 4)$
$\mathbf{468758} := 8 + 5^7 \times (8 - 6 + 4)$
$\mathbf{468759} := 9 + 5^7 \times (8 - 6 + 4)$

$\mathbf{573440} := 0 + 4^{4+3} \times 7 \times 5$
$\mathbf{573441} := 1 + 4^{4+3} \times 7 \times 5$
$\mathbf{573442} := 2 + 4^{4+3} \times 7 \times 5$
$\mathbf{573443} := 3 + 4^{4+3} \times 7 \times 5$
$\mathbf{573444} := 4 + 4^{4+3} \times 7 \times 5$
$\mathbf{573445} := 5 + 4^{4+3} \times 7 \times 5$
$\mathbf{573446} := 6 + 4^{4+3} \times 7 \times 5$
$\mathbf{573447} := 7 + 4^{4+3} \times 7 \times 5$
$\mathbf{573448} := 8 + 4^{4+3} \times 7 \times 5$
$\mathbf{573449} := 9 + 4^{4+3} \times 7 \times 5$

$\mathbf{656250} := 0 + (5 + 2) \times 6 \times 5^6$
$\mathbf{656251} := 1 + (5 + 2) \times 6 \times 5^6$
$\mathbf{656252} := 2 + (5 + 2) \times 6 \times 5^6$
$\mathbf{656253} := 3 + (5 + 2) \times 6 \times 5^6$
$\mathbf{656254} := 4 + (5 + 2) \times 6 \times 5^6$
$\mathbf{656255} := 5 + (5 + 2) \times 6 \times 5^6$
$\mathbf{656256} := 6 + (5 + 2) \times 6 \times 5^6$
$\mathbf{656257} := 7 + (5 + 2) \times 6 \times 5^6$
$\mathbf{656258} := 8 + (5 + 2) \times 6 \times 5^6$
$\mathbf{656259} := 9 + (5 + 2) \times 6 \times 5^6$

$\mathbf{937500} := 0 + 05^7 \times (3 + 9)$
$\mathbf{937501} := 1 + 05^7 \times (3 + 9)$
$\mathbf{937502} := 2 + 05^7 \times (3 + 9)$
$\mathbf{937503} := 3 + 05^7 \times (3 + 9)$
$\mathbf{937504} := 4 + 05^7 \times (3 + 9)$
$\mathbf{937505} := 5 + 05^7 \times (3 + 9)$
$\mathbf{937506} := 6 + 05^7 \times (3 + 9)$
$\mathbf{937507} := 7 + 05^7 \times (3 + 9)$
$\mathbf{937508} := 8 + 05^7 \times (3 + 9)$
$\mathbf{937509} := 9 + 05^7 \times (3 + 9)$

$\mathbf{0012600} := 0 + 06 \times 2100$
$\mathbf{0012601} := 1 + 06 \times 2100$
$\mathbf{0012602} := 2 + 06 \times 2100$
$\mathbf{0012603} := 3 + 06 \times 2100$
$\mathbf{0012604} := 4 + 06 \times 2100$
$\mathbf{0012605} := 5 + 06 \times 2100$
$\mathbf{0012606} := 6 + 06 \times 2100$
$\mathbf{0012607} := 7 + 06 \times 2100$
$\mathbf{0012608} := 8 + 06 \times 2100$
$\mathbf{0012609} := 9 + 06 \times 2100$

$\mathbf{0015300} := 0 + 03 \times 5100$
$\mathbf{0015301} := 1 + 03 \times 5100$
$\mathbf{0015302} := 2 + 03 \times 5100$
$\mathbf{0015303} := 3 + 03 \times 5100$
$\mathbf{0015304} := 4 + 03 \times 5100$
$\mathbf{0015305} := 5 + 03 \times 5100$
$\mathbf{0015306} := 6 + 03 \times 5100$
$\mathbf{0015307} := 7 + 03 \times 5100$
$\mathbf{0015308} := 8 + 03 \times 5100$
$\mathbf{0015309} := 9 + 03 \times 5100$

$\mathbf{0068800} := 0 + 08 \times 8600$
$\mathbf{0068801} := 1 + 08 \times 8600$
$\mathbf{0068802} := 2 + 08 \times 8600$
$\mathbf{0068803} := 3 + 08 \times 8600$
$\mathbf{0068804} := 4 + 08 \times 8600$
$\mathbf{0068805} := 5 + 08 \times 8600$
$\mathbf{0068806} := 6 + 08 \times 8600$
$\mathbf{0068807} := 7 + 08 \times 8600$
$\mathbf{0068808} := 8 + 08 \times 8600$
$\mathbf{0068809} := 9 + 08 \times 8600$

$\mathbf{0138240} := 0 + (4^2 + 8)^3 \times 10$
$\mathbf{0138241} := 1 + (4^2 + 8)^3 \times 10$
$\mathbf{0138242} := 2 + (4^2 + 8)^3 \times 10$
$\mathbf{0138243} := 3 + (4^2 + 8)^3 \times 10$

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$\mathbf{0138244} := 4 + (4^2 + 8)^3 \times 10$
$\mathbf{0138245} := 5 + (4^2 + 8)^3 \times 10$
$\mathbf{0138246} := 6 + (4^2 + 8)^3 \times 10$
$\mathbf{0138247} := 7 + (4^2 + 8)^3 \times 10$
$\mathbf{0138248} := 8 + (4^2 + 8)^3 \times 10$
$\mathbf{0138249} := 9 + (4^2 + 8)^3 \times 10$

$\mathbf{0155620} := 0 + 2 \times (6^5 + 5) \times 10$
$\mathbf{0155621} := 1 + 2 \times (6^5 + 5) \times 10$
$\mathbf{0155622} := 2 + 2 \times (6^5 + 5) \times 10$
$\mathbf{0155623} := 3 + 2 \times (6^5 + 5) \times 10$
$\mathbf{0155624} := 4 + 2 \times (6^5 + 5) \times 10$
$\mathbf{0155625} := 5 + 2 \times (6^5 + 5) \times 10$
$\mathbf{0155626} := 6 + 2 \times (6^5 + 5) \times 10$
$\mathbf{0155627} := 7 + 2 \times (6^5 + 5) \times 10$
$\mathbf{0155628} := 8 + 2 \times (6^5 + 5) \times 10$
$\mathbf{0155629} := 9 + 2 \times (6^5 + 5) \times 10$

$\mathbf{0155850} := 0 - 5 \times (8 - 5^5) \times 10$
$\mathbf{0155851} := 1 - 5 \times (8 - 5^5) \times 10$
$\mathbf{0155852} := 2 - 5 \times (8 - 5^5) \times 10$
$\mathbf{0155853} := 3 - 5 \times (8 - 5^5) \times 10$
$\mathbf{0155854} := 4 - 5 \times (8 - 5^5) \times 10$
$\mathbf{0155855} := 5 - 5 \times (8 - 5^5) \times 10$
$\mathbf{0155856} := 6 - 5 \times (8 - 5^5) \times 10$
$\mathbf{0155857} := 7 - 5 \times (8 - 5^5) \times 10$
$\mathbf{0155858} := 8 - 5 \times (8 - 5^5) \times 10$
$\mathbf{0155859} := 9 - 5 \times (8 - 5^5) \times 10$

$\mathbf{0156550} := 0 + (5^5 + 6) \times 5 \times 10$
$\mathbf{0156551} := 1 + (5^5 + 6) \times 5 \times 10$
$\mathbf{0156552} := 2 + (5^5 + 6) \times 5 \times 10$
$\mathbf{0156553} := 3 + (5^5 + 6) \times 5 \times 10$
$\mathbf{0156554} := 4 + (5^5 + 6) \times 5 \times 10$
$\mathbf{0156555} := 5 + (5^5 + 6) \times 5 \times 10$
$\mathbf{0156556} := 6 + (5^5 + 6) \times 5 \times 10$
$\mathbf{0156557} := 7 + (5^5 + 6) \times 5 \times 10$
$\mathbf{0156558} := 8 + (5^5 + 6) \times 5 \times 10$
$\mathbf{0156559} := 9 + (5^5 + 6) \times 5 \times 10$

$\mathbf{0196830} := 0 - 3^8 \times (6 - 9) \times 10$
$\mathbf{0196831} := 1 - 3^8 \times (6 - 9) \times 10$
$\mathbf{0196832} := 2 - 3^8 \times (6 - 9) \times 10$
$\mathbf{0196833} := 3 - 3^8 \times (6 - 9) \times 10$
$\mathbf{0196834} := 4 - 3^8 \times (6 - 9) \times 10$
$\mathbf{0196835} := 4 - 3^8 \times (6 - 9) \times 10$
$\mathbf{0196836} := 6 - 3^8 \times (6 - 9) \times 10$
$\mathbf{0196837} := 7 - 3^8 \times (6 - 9) \times 10$
$\mathbf{0196838} := 8 - 3^8 \times (6 - 9) \times 10$
$\mathbf{0196839} := 9 - 3^8 \times (6 - 9) \times 10$

$\mathbf{0225280} := 0 + (8/2)^5 \times 220$
$\mathbf{0225281} := 1 + (8/2)^5 \times 220$
$\mathbf{0225282} := 2 + (8/2)^5 \times 220$
$\mathbf{0225283} := 3 + (8/2)^5 \times 220$
$\mathbf{0225284} := 4 + (8/2)^5 \times 220$
$\mathbf{0225285} := 5 + (8/2)^5 \times 220$
$\mathbf{0225286} := 6 + (8/2)^5 \times 220$
$\mathbf{0225287} := 7 + (8/2)^5 \times 220$
$\mathbf{0225288} := 8 + (8/2)^5 \times 220$
$\mathbf{0225289} := 9 + (8/2)^5 \times 220$

$\mathbf{0233920} := 0 + (2 + 9^3) \times 320$
$\mathbf{0233921} := 1 + (2 + 9^3) \times 320$
$\mathbf{0233922} := 2 + (2 + 9^3) \times 320$
$\mathbf{0233923} := 3 + (2 + 9^3) \times 320$
$\mathbf{0233924} := 4 + (2 + 9^3) \times 320$
$\mathbf{0233925} := 5 + (2 + 9^3) \times 320$
$\mathbf{0233926} := 6 + (2 + 9^3) \times 320$
$\mathbf{0233927} := 7 + (2 + 9^3) \times 320$
$\mathbf{0233928} := 8 + (2 + 9^3) \times 320$
$\mathbf{0233929} := 9 + (2 + 9^3) \times 320$

$\mathbf{0282240} := 0 + 42^2 \times 8 \times 20$
$\mathbf{0282241} := 1 + 42^2 \times 8 \times 20$
$\mathbf{0282242} := 2 + 42^2 \times 8 \times 20$

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$\mathbf{0282243} := 3 + 42^2 \times 8 \times 20$
$\mathbf{0282244} := 4 + 42^2 \times 8 \times 20$
$\mathbf{0282245} := 5 + 42^2 \times 8 \times 20$
$\mathbf{0282246} := 6 + 42^2 \times 8 \times 20$
$\mathbf{0282247} := 7 + 42^2 \times 8 \times 20$
$\mathbf{0282248} := 8 + 42^2 \times 8 \times 20$
$\mathbf{0282249} := 9 + 42^2 \times 8 \times 20$

$\mathbf{0335790} := 0 + 9 \times 7 \times 5330$
$\mathbf{0335791} := 1 + 9 \times 7 \times 5330$
$\mathbf{0335792} := 2 + 9 \times 7 \times 5330$
$\mathbf{0335793} := 3 + 9 \times 7 \times 5330$
$\mathbf{0335794} := 4 + 9 \times 7 \times 5330$
$\mathbf{0335795} := 5 + 9 \times 7 \times 5330$
$\mathbf{0335796} := 6 + 9 \times 7 \times 5330$
$\mathbf{0335797} := 7 + 9 \times 7 \times 5330$
$\mathbf{0335798} := 8 + 9 \times 7 \times 5330$
$\mathbf{0335799} := 9 + 9 \times 7 \times 5330$

$\mathbf{0376680} := 0 + 86 \times 6 \times 730$
$\mathbf{0376681} := 1 + 86 \times 6 \times 730$
$\mathbf{0376682} := 2 + 86 \times 6 \times 730$
$\mathbf{0376683} := 3 + 86 \times 6 \times 730$
$\mathbf{0376684} := 4 + 86 \times 6 \times 730$
$\mathbf{0376685} := 5 + 86 \times 6 \times 730$
$\mathbf{0376686} := 6 + 86 \times 6 \times 730$
$\mathbf{0376687} := 7 + 86 \times 6 \times 730$
$\mathbf{0376688} := 8 + 86 \times 6 \times 730$
$\mathbf{0376689} := 9 + 86 \times 6 \times 730$

$\mathbf{0393540} := 0 + 4 \times (5 \times 3^9 - 30)$
$\mathbf{0393541} := 1 + 4 \times (5 \times 3^9 - 30)$
$\mathbf{0393542} := 2 + 4 \times (5 \times 3^9 - 30)$
$\mathbf{0393543} := 3 + 4 \times (5 \times 3^9 - 30)$
$\mathbf{0393544} := 4 + 4 \times (5 \times 3^9 - 30)$
$\mathbf{0393545} := 5 + 4 \times (5 \times 3^9 - 30)$
$\mathbf{0393546} := 6 + 4 \times (5 \times 3^9 - 30)$
$\mathbf{0393547} := 7 + 4 \times (5 \times 3^9 - 30)$
$\mathbf{0393548} := 8 + 4 \times (5 \times 3^9 - 30)$
$\mathbf{0393549} := 9 + 4 \times (5 \times 3^9 - 30)$

$\mathbf{0414680} := 0 + (8 \times 6^4 - 1) \times 40$
$\mathbf{0414681} := 1 + (8 \times 6^4 - 1) \times 40$
$\mathbf{0414682} := 2 + (8 \times 6^4 - 1) \times 40$
$\mathbf{0414683} := 3 + (8 \times 6^4 - 1) \times 40$
$\mathbf{0414684} := 4 + (8 \times 6^4 - 1) \times 40$
$\mathbf{0414685} := 5 + (8 \times 6^4 - 1) \times 40$
$\mathbf{0414686} := 6 + (8 \times 6^4 - 1) \times 40$
$\mathbf{0414687} := 7 + (8 \times 6^4 - 1) \times 40$
$\mathbf{0414688} := 8 + (8 \times 6^4 - 1) \times 40$
$\mathbf{0414689} := 9 + (8 \times 6^4 - 1) \times 40$

$\mathbf{0593750} := 0 + 5^{7-3} \times 950$
$\mathbf{0593751} := 1 + 5^{7-3} \times 950$
$\mathbf{0593752} := 2 + 5^{7-3} \times 950$
$\mathbf{0593753} := 3 + 5^{7-3} \times 950$
$\mathbf{0593754} := 4 + 5^{7-3} \times 950$
$\mathbf{0593755} := 5 + 5^{7-3} \times 950$
$\mathbf{0593756} := 6 + 5^{7-3} \times 950$
$\mathbf{0593757} := 7 + 5^{7-3} \times 950$
$\mathbf{0593758} := 8 + 5^{7-3} \times 950$
$\mathbf{0593759} := 9 + 5^{7-3} \times 950$

$\mathbf{0640240} := 0 + 4 \times (20^4 + 60)$
$\mathbf{0640241} := 1 + 4 \times (20^4 + 60)$
$\mathbf{0640242} := 2 + 4 \times (20^4 + 60)$
$\mathbf{0640243} := 3 + 4 \times (20^4 + 60)$
$\mathbf{0640244} := 4 + 4 \times (20^4 + 60)$
$\mathbf{0640245} := 5 + 4 \times (20^4 + 60)$
$\mathbf{0640246} := 6 + 4 \times (20^4 + 60)$
$\mathbf{0640247} := 7 + 4 \times (20^4 + 60)$
$\mathbf{0640248} := 8 + 4 \times (20^4 + 60)$
$\mathbf{0640249} := 9 + 4 \times (20^4 + 60)$

$\mathbf{1044480} := 0 + 8^4 \times (4^4 - 01)$
$\mathbf{1044481} := 1 + 8^4 \times (4^4 - 01)$
$\mathbf{1044482} := 2 + 8^4 \times (4^4 - 01)$

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$1044483 := 3 + 8^4 \times (4^4 - 01)$
$1044484 := 4 + 8^4 \times (4^4 - 01)$
$1044485 := 5 + 8^4 \times (4^4 - 01)$
$1044486 := 6 + 8^4 \times (4^4 - 01)$
$1044487 := 7 + 8^4 \times (4^4 - 01)$
$1044488 := 8 + 8^4 \times (4^4 - 01)$
$1044489 := 9 + 8^4 \times (4^4 - 01)$

$1474560 := 0 + 6 \times 5 \times 4^7 \times (4 - 1)$
$1474561 := 1 + 6 \times 5 \times 4^7 \times (4 - 1)$
$1474562 := 2 + 6 \times 5 \times 4^7 \times (4 - 1)$
$1474563 := 2 + 6 \times 5 \times 4^7 \times (4 - 1)$
$1474564 := 4 + 6 \times 5 \times 4^7 \times (4 - 1)$
$1474565 := 5 + 6 \times 5 \times 4^7 \times (4 - 1)$
$1474566 := 6 + 6 \times 5 \times 4^7 \times (4 - 1)$
$1474567 := 7 + 6 \times 5 \times 4^7 \times (4 - 1)$
$1474568 := 8 + 6 \times 5 \times 4^7 \times (4 - 1)$
$1474569 := 9 + 6 \times 5 \times 4^7 \times (4 - 1)$

$1562500 := 0 + 05^{2+6} \times (5 - 1)$
$1562501 := 1 + 05^{2+6} \times (5 - 1)$
$1562502 := 2 + 05^{2+6} \times (5 - 1)$
$1562503 := 3 + 05^{2+6} \times (5 - 1)$
$1562504 := 4 + 05^{2+6} \times (5 - 1)$
$1562505 := 5 + 05^{2+6} \times (5 - 1)$
$1562506 := 6 + 05^{2+6} \times (5 - 1)$
$1562507 := 7 + 05^{2+6} \times (5 - 1)$
$1562508 := 8 + 05^{2+6} \times (5 - 1)$
$1562509 := 9 + 05^{2+6} \times (5 - 1)$

$1594330 := 0 + 3 + 3^{4+9} + 5 - 1$
$1594331 := 1 + 3 + 3^{4+9} + 5 - 1$
$1594332 := 2 + 3 + 3^{4+9} + 5 - 1$
$1594333 := 3 + 3 + 3^{4+9} + 5 - 1$
$1594334 := 4 + 3 + 3^{4+9} + 5 - 1$
$1594335 := 5 + 3 + 3^{4+9} + 5 - 1$
$1594336 := 6 + 3 + 3^{4+9} + 5 - 1$
$1594337 := 7 + 3 + 3^{4+9} + 5 - 1$
$1594338 := 8 + 3 + 3^{4+9} + 5 - 1$
$1594339 := 9 + 3 + 3^{4+9} + 5 - 1$

$1771560 := 0 + (6 + 5)^{-1^7+7} - 1$
$1771561 := 1 + (6 + 5)^{-1^7+7} - 1$
$1771562 := 2 + (6 + 5)^{-1^7+7} - 1$
$1771563 := 3 + (6 + 5)^{-1^7+7} - 1$
$1771564 := 4 + (6 + 5)^{-1^7+7} - 1$
$1771565 := 5 + (6 + 5)^{-1^7+7} - 1$
$1771566 := 6 + (6 + 5)^{-1^7+7} - 1$
$1771567 := 7 + (6 + 5)^{-1^7+7} - 1$
$1771568 := 8 + (6 + 5)^{-1^7+7} - 1$
$1771569 := 9 + (6 + 5)^{-1^7+7} - 1$

$1837040 := 0 + 40 \times (7 \times 3^8 - 1)$
$1837041 := 1 + 40 \times (7 \times 3^8 - 1)$
$1837042 := 2 + 40 \times (7 \times 3^8 - 1)$
$1837043 := 3 + 40 \times (7 \times 3^8 - 1)$
$1837044 := 4 + 40 \times (7 \times 3^8 - 1)$
$1837045 := 5 + 40 \times (7 \times 3^8 - 1)$
$1837046 := 6 + 40 \times (7 \times 3^8 - 1)$
$1837047 := 7 + 40 \times (7 \times 3^8 - 1)$
$1837048 := 8 + 40 \times (7 \times 3^8 - 1)$
$1837049 := 9 + 40 \times (7 \times 3^8 - 1)$

$1866250 := 0 + 5 \times (2 + 6^6 \times 8 \times 1)$
$1866251 := 1 + 5 \times (2 + 6^6 \times 8 \times 1)$
$1866252 := 2 + 5 \times (2 + 6^6 \times 8 \times 1)$
$1866253 := 3 + 5 \times (2 + 6^6 \times 8 \times 1)$
$1866254 := 4 + 5 \times (2 + 6^6 \times 8 \times 1)$
$1866255 := 5 + 5 \times (2 + 6^6 \times 8 \times 1)$
$1866256 := 6 + 5 \times (2 + 6^6 \times 8 \times 1)$
$1866257 := 7 + 5 \times (2 + 6^6 \times 8 \times 1)$
$1866258 := 8 + 5 \times (2 + 6^6 \times 8 \times 1)$
$1866259 := 9 + 5 \times (2 + 6^6 \times 8 \times 1)$

$1941760 := 0 + 6^{7+1} + 4^9 \times 1$

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$1941761 := 1 + 6^{7+1} + 4^9 \times 1$
$1941762 := 2 + 6^{7+1} + 4^9 \times 1$
$1941763 := 3 + 6^{7+1} + 4^9 \times 1$
$1941764 := 4 + 6^{7+1} + 4^9 \times 1$
$1941765 := 5 + 6^{7+1} + 4^9 \times 1$
$1941766 := 6 + 6^{7+1} + 4^9 \times 1$
$1941767 := 7 + 6^{7+1} + 4^9 \times 1$
$1941768 := 8 + 6^{7+1} + 4^9 \times 1$
$1941769 := 9 + 6^{7+1} + 4^9 \times 1$

$1952980 := 0 - 8 \times 9 \times 2 + 5^9 - 1$
$1952981 := 1 - 8 \times 9 \times 2 + 5^9 - 1$
$1952982 := 2 - 8 \times 9 \times 2 + 5^9 - 1$
$1952983 := 3 - 8 \times 9 \times 2 + 5^9 - 1$
$1952984 := 4 - 8 \times 9 \times 2 + 5^9 - 1$
$1952985 := 5 - 8 \times 9 \times 2 + 5^9 - 1$
$1952986 := 6 - 8 \times 9 \times 2 + 5^9 - 1$
$1952987 := 7 - 8 \times 9 \times 2 + 5^9 - 1$
$1952988 := 8 - 8 \times 9 \times 2 + 5^9 - 1$
$1952989 := 9 - 8 \times 9 \times 2 + 5^9 - 1$

$1953120 := 0 - 2 - 1 - 3 + 5^9 + 1$
$1953121 := 1 - 2 - 1 - 3 + 5^9 + 1$
$1953122 := 2 - 2 - 1 - 3 + 5^9 + 1$
$1953123 := 3 - 2 - 1 - 3 + 5^9 + 1$
$1953124 := 4 - 2 - 1 - 3 + 5^9 + 1$
$1953125 := 5 - 2 - 1 - 3 + 5^9 + 1$
$1953126 := 6 - 2 - 1 - 3 + 5^9 + 1$
$1953127 := 7 - 2 - 1 - 3 + 5^9 + 1$
$1953128 := 8 - 2 - 1 - 3 + 5^9 + 1$
$1953129 := 9 - 2 - 1 - 3 + 5^9 + 1$

$1953130 := 0 + 3 + 1^3 + 5^9 + 1$
$1953131 := 1 + 3 + 1^3 + 5^9 + 1$
$1953132 := 2 + 3 + 1^3 + 5^9 + 1$
$1953133 := 3 + 3 + 1^3 + 5^9 + 1$
$1953134 := 4 + 3 + 1^3 + 5^9 + 1$
$1953135 := 5 + 3 + 1^3 + 5^9 + 1$
$1953136 := 6 + 3 + 1^3 + 5^9 + 1$
$1953137 := 7 + 3 + 1^3 + 5^9 + 1$
$1953138 := 8 + 3 + 1^3 + 5^9 + 1$
$1953139 := 9 + 3 + 1^3 + 5^9 + 1$

$1953750 := 0 + 5^{7-3} + 5^9 \times 1$
$1953751 := 1 + 5^{7-3} + 5^9 \times 1$
$1953752 := 2 + 5^{7-3} + 5^9 \times 1$
$1953753 := 3 + 5^{7-3} + 5^9 \times 1$
$1953754 := 4 + 5^{7-3} + 5^9 \times 1$
$1953755 := 5 + 5^{7-3} + 5^9 \times 1$
$1953756 := 6 + 5^{7-3} + 5^9 \times 1$
$1953757 := 7 + 5^{7-3} + 5^9 \times 1$
$1953758 := 8 + 5^{7-3} + 5^9 \times 1$
$1953759 := 9 + 5^{7-3} + 5^9 \times 1$

$1954420 := 0 + (2+4)^4 + 5^9 - 1$
$1954421 := 1 + (2+4)^4 + 5^9 - 1$
$1954422 := 2 + (2+4)^4 + 5^9 - 1$
$1954423 := 3 + (2+4)^4 + 5^9 - 1$
$1954424 := 4 + (2+4)^4 + 5^9 - 1$
$1954425 := 5 + (2+4)^4 + 5^9 - 1$
$1954426 := 6 + (2+4)^4 + 5^9 - 1$
$1954427 := 7 + (2+4)^4 + 5^9 - 1$
$1954428 := 8 + (2+4)^4 + 5^9 - 1$
$1954429 := 9 + (2+4)^4 + 5^9 - 1$

$1965840 := 0 - (4 - 8^5) \times 6 \times (9+1)$
$1965841 := 1 - (4 - 8^5) \times 6 \times (9+1)$
$1965842 := 2 - (4 - 8^5) \times 6 \times (9+1)$
$1965843 := 3 - (4 - 8^5) \times 6 \times (9+1)$
$1965844 := 4 - (4 - 8^5) \times 6 \times (9+1)$
$1965845 := 5 - (4 - 8^5) \times 6 \times (9+1)$
$1965846 := 6 - (4 - 8^5) \times 6 \times (9+1)$
$1965847 := 7 - (4 - 8^5) \times 6 \times (9+1)$
$1965848 := 8 - (4 - 8^5) \times 6 \times (9+1)$
$1965849 := 9 - (4 - 8^5) \times 6 \times (9+1)$

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$$\mathbf{2097170} := 0 + (7+1)^7 + 9 \times 02$$
$$\mathbf{2097171} := 1 + (7+1)^7 + 9 \times 02$$
$$\mathbf{2097172} := 2 + (7+1)^7 + 9 \times 02$$
$$\mathbf{2097173} := 3 + (7+1)^7 + 9 \times 02$$
$$\mathbf{2097174} := 4 + (7+1)^7 + 9 \times 02$$
$$\mathbf{2097175} := 5 + (7+1)^7 + 9 \times 02$$
$$\mathbf{2097176} := 6 + (7+1)^7 + 9 \times 02$$
$$\mathbf{2097177} := 7 + (7+1)^7 + 9 \times 02$$
$$\mathbf{2097178} := 8 + (7+1)^7 + 9 \times 02$$
$$\mathbf{2097179} := 9 + (7+1)^7 + 9 \times 02$$

$$\mathbf{2097240} := 0 + (4 \times 2)^7 + 90 - 2$$
$$\mathbf{2097241} := 1 + (4 \times 2)^7 + 90 - 2$$
$$\mathbf{2097242} := 2 + (4 \times 2)^7 + 90 - 2$$
$$\mathbf{2097243} := 3 + (4 \times 2)^7 + 90 - 2$$
$$\mathbf{2097244} := 4 + (4 \times 2)^7 + 90 - 2$$
$$\mathbf{2097245} := 5 + (4 \times 2)^7 + 90 - 2$$
$$\mathbf{2097246} := 6 + (4 \times 2)^7 + 90 - 2$$
$$\mathbf{2097247} := 7 + (4 \times 2)^7 + 90 - 2$$
$$\mathbf{2097248} := 8 + (4 \times 2)^7 + 90 - 2$$
$$\mathbf{2097249} := 9 + (4 \times 2)^7 + 90 - 2$$

$$\mathbf{2097780} := 0 + 8^7 + 7 \times 90 - 2$$
$$\mathbf{2097781} := 1 + 8^7 + 7 \times 90 - 2$$
$$\mathbf{2097782} := 2 + 8^7 + 7 \times 90 - 2$$
$$\mathbf{2097783} := 3 + 8^7 + 7 \times 90 - 2$$
$$\mathbf{2097784} := 4 + 8^7 + 7 \times 90 - 2$$
$$\mathbf{2097785} := 5 + 8^7 + 7 \times 90 - 2$$
$$\mathbf{2097786} := 6 + 8^7 + 7 \times 90 - 2$$
$$\mathbf{2097787} := 7 + 8^7 + 7 \times 90 - 2$$
$$\mathbf{2097788} := 8 + 8^7 + 7 \times 90 - 2$$
$$\mathbf{2097789} := 9 + 8^7 + 7 \times 90 - 2$$

$$\mathbf{2137440} := 0 - 4 + 4 \times 731^2$$
$$\mathbf{2137441} := 1 - 4 + 4 \times 731^2$$
$$\mathbf{2137442} := 2 - 4 + 4 \times 731^2$$
$$\mathbf{2137443} := 3 - 4 + 4 \times 731^2$$
$$\mathbf{2137444} := 4 - 4 + 4 \times 731^2$$
$$\mathbf{2137445} := 5 - 4 + 4 \times 731^2$$
$$\mathbf{2137446} := 6 - 4 + 4 \times 731^2$$
$$\mathbf{2137447} := 7 - 4 + 4 \times 731^2$$
$$\mathbf{2137448} := 8 - 4 + 4 \times 731^2$$
$$\mathbf{2137449} := 9 - 4 + 4 \times 731^2$$

$$\mathbf{2343750} := 0 + 5^7 \times (3 \times 4 + 3) \times 2$$
$$\mathbf{2343751} := 1 + 5^7 \times (3 \times 4 + 3) \times 2$$
$$\mathbf{2343752} := 2 + 5^7 \times (3 \times 4 + 3) \times 2$$
$$\mathbf{2343753} := 3 + 5^7 \times (3 \times 4 + 3) \times 2$$
$$\mathbf{2343754} := 4 + 5^7 \times (3 \times 4 + 3) \times 2$$
$$\mathbf{2343755} := 5 + 5^7 \times (3 \times 4 + 3) \times 2$$
$$\mathbf{2343756} := 6 + 5^7 \times (3 \times 4 + 3) \times 2$$
$$\mathbf{2343757} := 7 + 5^7 \times (3 \times 4 + 3) \times 2$$
$$\mathbf{2343758} := 8 + 5^7 \times (3 \times 4 + 3) \times 2$$
$$\mathbf{2343759} := 9 + 5^7 \times (3 \times 4 + 3) \times 2$$

$$\mathbf{2584960} := 0 + 6^9/4 + 8^5 \times 2$$
$$\mathbf{2584961} := 1 + 6^9/4 + 8^5 \times 2$$
$$\mathbf{2584962} := 2 + 6^9/4 + 8^5 \times 2$$
$$\mathbf{2584963} := 3 + 6^9/4 + 8^5 \times 2$$
$$\mathbf{2584964} := 4 + 6^9/4 + 8^5 \times 2$$
$$\mathbf{2584965} := 5 + 6^9/4 + 8^5 \times 2$$
$$\mathbf{2584966} := 6 + 6^9/4 + 8^5 \times 2$$
$$\mathbf{2584967} := 7 + 6^9/4 + 8^5 \times 2$$
$$\mathbf{2584968} := 8 + 6^9/4 + 8^5 \times 2$$
$$\mathbf{2584969} := 9 + 6^9/4 + 8^5 \times 2$$

$$\mathbf{2654210} := 0 + (1 + 24^5/6) \times 2$$
$$\mathbf{2654211} := 1 + (1 + 24^5/6) \times 2$$
$$\mathbf{2654212} := 2 + (1 + 24^5/6) \times 2$$
$$\mathbf{2654213} := 3 + (1 + 24^5/6) \times 2$$
$$\mathbf{2654214} := 4 + (1 + 24^5/6) \times 2$$
$$\mathbf{2654215} := 5 + (1 + 24^5/6) \times 2$$
$$\mathbf{2654216} := 6 + (1 + 24^5/6) \times 2$$
$$\mathbf{2654217} := 7 + (1 + 24^5/6) \times 2$$
$$\mathbf{2654218} := 8 + (1 + 24^5/6) \times 2$$

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$$\mathbf{2654219} := 9 + (1 + 24^5/6) \times 2$$

$$\mathbf{2733750} := 0 + 5^{7-3} \times 3^7 \times 2$$
$$\mathbf{2733751} := 1 + 5^{7-3} \times 3^7 \times 2$$
$$\mathbf{2733752} := 2 + 5^{7-3} \times 3^7 \times 2$$
$$\mathbf{2733753} := 3 + 5^{7-3} \times 3^7 \times 2$$
$$\mathbf{2733754} := 4 + 5^{7-3} \times 3^7 \times 2$$
$$\mathbf{2733755} := 5 + 5^{7-3} \times 3^7 \times 2$$
$$\mathbf{2733756} := 6 + 5^{7-3} \times 3^7 \times 2$$
$$\mathbf{2733757} := 7 + 5^{7-3} \times 3^7 \times 2$$
$$\mathbf{2733758} := 8 + 5^{7-3} \times 3^7 \times 2$$
$$\mathbf{2733759} := 9 + 5^{7-3} \times 3^7 \times 2$$

$$\mathbf{2968750} := 0 + 5^7 \times (8 + (6 + 9) \times 2)$$
$$\mathbf{2968751} := 1 + 5^7 \times (8 + (6 + 9) \times 2)$$
$$\mathbf{2968752} := 2 + 5^7 \times (8 + (6 + 9) \times 2)$$
$$\mathbf{2968753} := 3 + 5^7 \times (8 + (6 + 9) \times 2)$$
$$\mathbf{2968754} := 4 + 5^7 \times (8 + (6 + 9) \times 2)$$
$$\mathbf{2968755} := 5 + 5^7 \times (8 + (6 + 9) \times 2)$$
$$\mathbf{2968756} := 6 + 5^7 \times (8 + (6 + 9) \times 2)$$
$$\mathbf{2968757} := 7 + 5^7 \times (8 + (6 + 9) \times 2)$$
$$\mathbf{2968758} := 8 + 5^7 \times (8 + (6 + 9) \times 2)$$
$$\mathbf{2968759} := 9 + 5^7 \times (8 + (6 + 9) \times 2)$$

$$\mathbf{3255210} := 0 + 1 + (25^5 + 2)/3$$
$$\mathbf{3255211} := 1 + 1 + (25^5 + 2)/3$$
$$\mathbf{3255212} := 2 + 1 + (25^5 + 2)/3$$
$$\mathbf{3255213} := 3 + 1 + (25^5 + 2)/3$$
$$\mathbf{3255214} := 4 + 1 + (25^5 + 2)/3$$
$$\mathbf{3255215} := 5 + 1 + (25^5 + 2)/3$$
$$\mathbf{3255216} := 6 + 1 + (25^5 + 2)/3$$
$$\mathbf{3255217} := 7 + 1 + (25^5 + 2)/3$$
$$\mathbf{3255218} := 8 + 1 + (25^5 + 2)/3$$
$$\mathbf{3255219} := 9 + 1 + (25^5 + 2)/3$$

$$\mathbf{3542940} := 0 + 4 \times 9^{2+4} \times 5/3$$
$$\mathbf{3542941} := 1 + 4 \times 9^{2+4} \times 5/3$$
$$\mathbf{3542942} := 2 + 4 \times 9^{2+4} \times 5/3$$
$$\mathbf{3542943} := 3 + 4 \times 9^{2+4} \times 5/3$$
$$\mathbf{3542944} := 4 + 4 \times 9^{2+4} \times 5/3$$
$$\mathbf{3542945} := 5 + 4 \times 9^{2+4} \times 5/3$$
$$\mathbf{3542946} := 6 + 4 \times 9^{2+4} \times 5/3$$
$$\mathbf{3542947} := 7 + 4 \times 9^{2+4} \times 5/3$$
$$\mathbf{3542948} := 8 + 4 \times 9^{2+4} \times 5/3$$
$$\mathbf{3542949} := 9 + 4 \times 9^{2+4} \times 5/3$$

$$\mathbf{3581570} := 0 - 7 + (51 \times (8 - 5))^3$$
$$\mathbf{3581571} := 1 - 7 + (51 \times (8 - 5))^3$$
$$\mathbf{3581572} := 2 - 7 + (51 \times (8 - 5))^3$$
$$\mathbf{3581573} := 3 - 7 + (51 \times (8 - 5))^3$$
$$\mathbf{3581574} := 4 - 7 + (51 \times (8 - 5))^3$$
$$\mathbf{3581575} := 5 - 7 + (51 \times (8 - 5))^3$$
$$\mathbf{3581576} := 6 - 7 + (51 \times (8 - 5))^3$$
$$\mathbf{3581577} := 7 - 7 + (51 \times (8 - 5))^3$$
$$\mathbf{3581578} := 8 - 7 + (51 \times (8 - 5))^3$$
$$\mathbf{3581579} := 9 - 7 + (51 \times (8 - 5))^3$$

$$\mathbf{3639870} := 0 + 78 \times (9 + 36^3)$$
$$\mathbf{3639871} := 1 + 78 \times (9 + 36^3)$$
$$\mathbf{3639872} := 2 + 78 \times (9 + 36^3)$$
$$\mathbf{3639873} := 3 + 78 \times (9 + 36^3)$$
$$\mathbf{3639874} := 4 + 78 \times (9 + 36^3)$$
$$\mathbf{3639875} := 5 + 78 \times (9 + 36^3)$$
$$\mathbf{3639876} := 6 + 78 \times (9 + 36^3)$$
$$\mathbf{3639877} := 7 + 78 \times (9 + 36^3)$$
$$\mathbf{3639878} := 8 + 78 \times (9 + 36^3)$$
$$\mathbf{3639879} := 9 + 78 \times (9 + 36^3)$$

$$\mathbf{3895840} := 0 + 4 \times (8^5 + 98^3)$$
$$\mathbf{3895841} := 1 + 4 \times (8^5 + 98^3)$$
$$\mathbf{3895842} := 2 + 4 \times (8^5 + 98^3)$$
$$\mathbf{3895843} := 3 + 4 \times (8^5 + 98^3)$$
$$\mathbf{3895844} := 4 + 4 \times (8^5 + 98^3)$$
$$\mathbf{3895845} := 5 + 4 \times (8^5 + 98^3)$$
$$\mathbf{3895846} := 6 + 4 \times (8^5 + 98^3)$$
$$\mathbf{3895847} := 7 + 4 \times (8^5 + 98^3)$$

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$$\mathbf{3895848} := 8 + 4 \times (8^5 + 98^3)$$
$$\mathbf{3895849} := 9 + 4 \times (8^5 + 98^3)$$

$$\mathbf{4117710} := 0 - (1 - 7^7) \times (1 \times 1 + 4)$$
$$\mathbf{4117711} := 1 - (1 - 7^7) \times (1 \times 1 + 4)$$
$$\mathbf{4117712} := 2 - (1 - 7^7) \times (1 \times 1 + 4)$$
$$\mathbf{4117713} := 3 - (1 - 7^7) \times (1 \times 1 + 4)$$
$$\mathbf{4117714} := 4 - (1 - 7^7) \times (1 \times 1 + 4)$$
$$\mathbf{4117715} := 5 - (1 - 7^7) \times (1 \times 1 + 4)$$
$$\mathbf{4117716} := 6 - (1 - 7^7) \times (1 \times 1 + 4)$$
$$\mathbf{4117717} := 7 - (1 - 7^7) \times (1 \times 1 + 4)$$
$$\mathbf{4117718} := 8 - (1 - 7^7) \times (1 \times 1 + 4)$$
$$\mathbf{4117719} := 9 - (1 - 7^7) \times (1 \times 1 + 4)$$

$$\mathbf{4117720} := 0 + (2 + 7^7 - 1) \times (1 + 4)$$
$$\mathbf{4117721} := 1 + (2 + 7^7 - 1) \times (1 + 4)$$
$$\mathbf{4117722} := 2 + (2 + 7^7 - 1) \times (1 + 4)$$
$$\mathbf{4117723} := 3 + (2 + 7^7 - 1) \times (1 + 4)$$
$$\mathbf{4117724} := 4 + (2 + 7^7 - 1) \times (1 + 4)$$
$$\mathbf{4117725} := 5 + (2 + 7^7 - 1) \times (1 + 4)$$
$$\mathbf{4117726} := 6 + (2 + 7^7 - 1) \times (1 + 4)$$
$$\mathbf{4117727} := 7 + (2 + 7^7 - 1) \times (1 + 4)$$
$$\mathbf{4117728} := 8 + (2 + 7^7 - 1) \times (1 + 4)$$
$$\mathbf{4117729} := 9 + (2 + 7^7 - 1) \times (1 + 4)$$

$$\mathbf{4117730} := 0 + (3 + 7^7) \times (1 \times 1 + 4)$$
$$\mathbf{4117731} := 1 + (3 + 7^7) \times (1 \times 1 + 4)$$
$$\mathbf{4117732} := 2 + (3 + 7^7) \times (1 \times 1 + 4)$$
$$\mathbf{4117733} := 3 + (3 + 7^7) \times (1 \times 1 + 4)$$
$$\mathbf{4117734} := 4 + (3 + 7^7) \times (1 \times 1 + 4)$$
$$\mathbf{4117735} := 5 + (3 + 7^7) \times (1 \times 1 + 4)$$
$$\mathbf{4117736} := 6 + (3 + 7^7) \times (1 \times 1 + 4)$$
$$\mathbf{4117737} := 7 + (3 + 7^7) \times (1 \times 1 + 4)$$
$$\mathbf{4117738} := 8 + (3 + 7^7) \times (1 \times 1 + 4)$$
$$\mathbf{4117739} := 9 + (3 + 7^7) \times (1 \times 1 + 4)$$

$$\mathbf{4117740} := 0 + (4 + 7^7 + 1) \times (1 + 4)$$
$$\mathbf{4117741} := 1 + (4 + 7^7 + 1) \times (1 + 4)$$
$$\mathbf{4117742} := 2 + (4 + 7^7 + 1) \times (1 + 4)$$
$$\mathbf{4117743} := 3 + (4 + 7^7 + 1) \times (1 + 4)$$
$$\mathbf{4117744} := 4 + (4 + 7^7 + 1) \times (1 + 4)$$
$$\mathbf{4117745} := 5 + (4 + 7^7 + 1) \times (1 + 4)$$
$$\mathbf{4117746} := 6 + (4 + 7^7 + 1) \times (1 + 4)$$
$$\mathbf{4117747} := 7 + (4 + 7^7 + 1) \times (1 + 4)$$
$$\mathbf{4117748} := 8 + (4 + 7^7 + 1) \times (1 + 4)$$
$$\mathbf{4117749} := 9 + (4 + 7^7 + 1) \times (1 + 4)$$

$$\mathbf{4117750} := 0 + 5 \times (7^7 + 11 - 4)$$
$$\mathbf{4117751} := 1 + 5 \times (7^7 + 11 - 4)$$
$$\mathbf{4117752} := 2 + 5 \times (7^7 + 11 - 4)$$
$$\mathbf{4117753} := 3 + 5 \times (7^7 + 11 - 4)$$
$$\mathbf{4117754} := 4 + 5 \times (7^7 + 11 - 4)$$
$$\mathbf{4117755} := 5 + 5 \times (7^7 + 11 - 4)$$
$$\mathbf{4117756} := 6 + 5 \times (7^7 + 11 - 4)$$
$$\mathbf{4117757} := 7 + 5 \times (7^7 + 11 - 4)$$
$$\mathbf{4117758} := 8 + 5 \times (7^7 + 11 - 4)$$
$$\mathbf{4117759} := 9 + 5 \times (7^7 + 11 - 4)$$

$$\mathbf{4173290} := 0 + 9 + (23 \times 7)^{-1+4}$$
$$\mathbf{4173291} := 1 + 9 + (23 \times 7)^{-1+4}$$
$$\mathbf{4173292} := 2 + 9 + (23 \times 7)^{-1+4}$$
$$\mathbf{4173293} := 3 + 9 + (23 \times 7)^{-1+4}$$
$$\mathbf{4173294} := 4 + 9 + (23 \times 7)^{-1+4}$$
$$\mathbf{4173295} := 5 + 9 + (23 \times 7)^{-1+4}$$
$$\mathbf{4173296} := 6 + 9 + (23 \times 7)^{-1+4}$$
$$\mathbf{4173297} := 7 + 9 + (23 \times 7)^{-1+4}$$
$$\mathbf{4173298} := 8 + 9 + (23 \times 7)^{-1+4}$$
$$\mathbf{4173299} := 9 + 9 + (23 \times 7)^{-1+4}$$

$$\mathbf{4194140} := 0 - (41 - 4^{9+1}) \times 4$$
$$\mathbf{4194141} := 1 - (41 - 4^{9+1}) \times 4$$
$$\mathbf{4194142} := 2 - (41 - 4^{9+1}) \times 4$$
$$\mathbf{4194143} := 3 - (41 - 4^{9+1}) \times 4$$
$$\mathbf{4194144} := 4 - (41 - 4^{9+1}) \times 4$$
$$\mathbf{4194145} := 5 - (41 - 4^{9+1}) \times 4$$
$$\mathbf{4194146} := 6 - (41 - 4^{9+1}) \times 4$$

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$4194147 := 7-(41-4^{9+1})\times 4$
$4194148 := 8-(41-4^{9+1})\times 4$
$4194149 := 9-(41-4^{9+1})\times 4$

$4194240 := 0+4^2\times(4^9\times 1-4)$
$4194241 := 1+4^2\times(4^9\times 1-4)$
$4194242 := 2+4^2\times(4^9\times 1-4)$
$4194243 := 3+4^2\times(4^9\times 1-4)$
$4194244 := 4+4^2\times(4^9\times 1-4)$
$4194245 := 5+4^2\times(4^9\times 1-4)$
$4194246 := 6+4^2\times(4^9\times 1-4)$
$4194247 := 7+4^2\times(4^9\times 1-4)$
$4194248 := 8+4^2\times(4^9\times 1-4)$
$4194249 := 9+4^2\times(4^9\times 1-4)$

$4194280 := 0+8\times(2\times 4^9+1-4)$
$4194281 := 1+8\times(2\times 4^9+1-4)$
$4194282 := 2+8\times(2\times 4^9+1-4)$
$4194283 := 3+8\times(2\times 4^9+1-4)$
$4194284 := 4+8\times(2\times 4^9+1-4)$
$4194285 := 5+8\times(2\times 4^9+1-4)$
$4194286 := 6+8\times(2\times 4^9+1-4)$
$4194287 := 7+8\times(2\times 4^9+1-4)$
$4194288 := 8+8\times(2\times 4^9+1-4)$
$4194289 := 9+8\times(2\times 4^9+1-4)$

$4199040 := 0+40\times((9+9)\times 1)^4$
$4199041 := 1+40\times((9+9)\times 1)^4$
$4199042 := 2+40\times((9+9)\times 1)^4$
$4199043 := 3+40\times((9+9)\times 1)^4$
$4199044 := 4+40\times((9+9)\times 1)^4$
$4199045 := 5+40\times((9+9)\times 1)^4$
$4199046 := 6+40\times((9+9)\times 1)^4$
$4199047 := 7+40\times((9+9)\times 1)^4$
$4199048 := 8+40\times((9+9)\times 1)^4$
$4199049 := 9+40\times((9+9)\times 1)^4$

$4218750 := 0+5^7\times(8+1)\times(2+4)$
$4218751 := 1+5^7\times(8+1)\times(2+4)$
$4218752 := 2+5^7\times(8+1)\times(2+4)$
$4218753 := 3+5^7\times(8+1)\times(2+4)$
$4218754 := 4+5^7\times(8+1)\times(2+4)$
$4218755 := 5+5^7\times(8+1)\times(2+4)$
$4218756 := 6+5^7\times(8+1)\times(2+4)$
$4218757 := 7+5^7\times(8+1)\times(2+4)$
$4218758 := 8+5^7\times(8+1)\times(2+4)$
$4218759 := 9+5^7\times(8+1)\times(2+4)$

$4259840 := 0+4^8\times(9+52+4)$
$4259841 := 1+4^8\times(9+52+4)$
$4259842 := 2+4^8\times(9+52+4)$
$4259843 := 3+4^8\times(9+52+4)$
$4259844 := 4+4^8\times(9+52+4)$
$4259845 := 5+4^8\times(9+52+4)$
$4259846 := 6+4^8\times(9+52+4)$
$4259847 := 7+4^8\times(9+52+4)$
$4259848 := 8+4^8\times(9+52+4)$
$4259849 := 9+4^8\times(9+52+4)$

$4477460 := 0+(6+47-7)^4+4$
$4477461 := 1+(6+47-7)^4+4$
$4477462 := 2+(6+47-7)^4+4$
$4477463 := 3+(6+47-7)^4+4$
$4477464 := 4+(6+47-7)^4+4$
$4477465 := 5+(6+47-7)^4+4$
$4477466 := 6+(6+47-7)^4+4$
$4477467 := 7+(6+47-7)^4+4$
$4477468 := 8+(6+47-7)^4+4$
$4477469 := 9+(6+47-7)^4+4$

$4879690 := 0+9+(6\times 9-7)^{8-4}$
$4879691 := 1+9+(6\times 9-7)^{8-4}$
$4879692 := 2+9+(6\times 9-7)^{8-4}$
$4879693 := 3+9+(6\times 9-7)^{8-4}$
$4879694 := 4+9+(6\times 9-7)^{8-4}$
$4879695 := 5+9+(6\times 9-7)^{8-4}$

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$$\mathbf{4879696} := 6+9+(6\times 9-7)^{8-4}$$
$$\mathbf{4879697} := 7+9+(6\times 9-7)^{8-4}$$
$$\mathbf{4879698} := 8+9+(6\times 9-7)^{8-4}$$
$$\mathbf{4879699} := 9+9+(6\times 9-7)^{8-4}$$

$$\mathbf{5242840} := 0+(4^{8+2}-4\times 2)\times 5$$
$$\mathbf{5242841} := 1+(4^{8+2}-4\times 2)\times 5$$
$$\mathbf{5242842} := 2+(4^{8+2}-4\times 2)\times 5$$
$$\mathbf{5242843} := 3+(4^{8+2}-4\times 2)\times 5$$
$$\mathbf{5242844} := 4+(4^{8+2}-4\times 2)\times 5$$
$$\mathbf{5242845} := 5+(4^{8+2}-4\times 2)\times 5$$
$$\mathbf{5242846} := 6+(4^{8+2}-4\times 2)\times 5$$
$$\mathbf{5242847} := 7+(4^{8+2}-4\times 2)\times 5$$
$$\mathbf{5242848} := 8+(4^{8+2}-4\times 2)\times 5$$
$$\mathbf{5242849} := 9+(4^{8+2}-4\times 2)\times 5$$

$$\mathbf{5242850} := 0-5\times(8-2-4^{2\times 5})$$
$$\mathbf{5242851} := 1-5\times(8-2-4^{2\times 5})$$
$$\mathbf{5242852} := 2-5\times(8-2-4^{2\times 5})$$
$$\mathbf{5242853} := 3-5\times(8-2-4^{2\times 5})$$
$$\mathbf{5242854} := 4-5\times(8-2-4^{2\times 5})$$
$$\mathbf{5242855} := 5-5\times(8-2-4^{2\times 5})$$
$$\mathbf{5242856} := 6-5\times(8-2-4^{2\times 5})$$
$$\mathbf{5242857} := 7-5\times(8-2-4^{2\times 5})$$
$$\mathbf{5242858} := 8-5\times(8-2-4^{2\times 5})$$
$$\mathbf{5242859} := 9-5\times(8-2-4^{2\times 5})$$

$$\mathbf{5242880} := 0+((8\times 8)^2/4)^2\times 5$$
$$\mathbf{5242881} := 1+((8\times 8)^2/4)^2\times 5$$
$$\mathbf{5242882} := 2+((8\times 8)^2/4)^2\times 5$$
$$\mathbf{5242883} := 3+((8\times 8)^2/4)^2\times 5$$
$$\mathbf{5242884} := 4+((8\times 8)^2/4)^2\times 5$$
$$\mathbf{5242885} := 5+((8\times 8)^2/4)^2\times 5$$
$$\mathbf{5242886} := 6+((8\times 8)^2/4)^2\times 5$$
$$\mathbf{5242887} := 7+((8\times 8)^2/4)^2\times 5$$
$$\mathbf{5242888} := 8+((8\times 8)^2/4)^2\times 5$$
$$\mathbf{5242889} := 9+((8\times 8)^2/4)^2\times 5$$

$$\mathbf{5359380} := 0+((8+3\times 9)\times 5)^3+5$$
$$\mathbf{5359381} := 1+((8+3\times 9)\times 5)^3+5$$
$$\mathbf{5359382} := 2+((8+3\times 9)\times 5)^3+5$$
$$\mathbf{5359383} := 3+((8+3\times 9)\times 5)^3+5$$
$$\mathbf{5359384} := 4+((8+3\times 9)\times 5)^3+5$$
$$\mathbf{5359385} := 5+((8+3\times 9)\times 5)^3+5$$
$$\mathbf{5359386} := 6+((8+3\times 9)\times 5)^3+5$$
$$\mathbf{5359387} := 7+((8+3\times 9)\times 5)^3+5$$
$$\mathbf{5359388} := 8+((8+3\times 9)\times 5)^3+5$$
$$\mathbf{5359389} := 9+((8+3\times 9)\times 5)^3+5$$

$$\mathbf{5764870} := 0+7^8+4+(6+7)\times 5$$
$$\mathbf{5764871} := 1+7^8+4+(6+7)\times 5$$
$$\mathbf{5764872} := 2+7^8+4+(6+7)\times 5$$
$$\mathbf{5764873} := 3+7^8+4+(6+7)\times 5$$
$$\mathbf{5764874} := 4+7^8+4+(6+7)\times 5$$
$$\mathbf{5764875} := 5+7^8+4+(6+7)\times 5$$
$$\mathbf{5764876} := 6+7^8+4+(6+7)\times 5$$
$$\mathbf{5764877} := 7+7^8+4+(6+7)\times 5$$
$$\mathbf{5764878} := 8+7^8+4+(6+7)\times 5$$
$$\mathbf{5764879} := 9+7^8+4+(6+7)\times 5$$

$$\mathbf{5859380} := 0-(8-3)^9\times(5-8)-5$$
$$\mathbf{5859381} := 1-(8-3)^9\times(5-8)-5$$
$$\mathbf{5859382} := 2-(8-3)^9\times(5-8)-5$$
$$\mathbf{5859383} := 3-(8-3)^9\times(5-8)-5$$
$$\mathbf{5859384} := 4-(8-3)^9\times(5-8)-5$$
$$\mathbf{5859385} := 5-(8-3)^9\times(5-8)-5$$
$$\mathbf{5859386} := 6-(8-3)^9\times(5-8)-5$$
$$\mathbf{5859387} := 7-(8-3)^9\times(5-8)-5$$
$$\mathbf{5859388} := 8-(8-3)^9\times(5-8)-5$$
$$\mathbf{5859389} := 9-(8-3)^9\times(5-8)-5$$

$$\mathbf{5898240} := 0+(4+2\times 8)\times 9\times 8^5$$
$$\mathbf{5898241} := 1+(4+2\times 8)\times 9\times 8^5$$
$$\mathbf{5898242} := 2+(4+2\times 8)\times 9\times 8^5$$
$$\mathbf{5898243} := 3+(4+2\times 8)\times 9\times 8^5$$
$$\mathbf{5898244} := 4+(4+2\times 8)\times 9\times 8^5$$

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$5898245 := 5 + (4 + 2 \times 8) \times 9 \times 8^5$
$5898246 := 6 + (4 + 2 \times 8) \times 9 \times 8^5$
$5898247 := 7 + (4 + 2 \times 8) \times 9 \times 8^5$
$5898248 := 8 + (4 + 2 \times 8) \times 9 \times 8^5$
$5898249 := 9 + (4 + 2 \times 8) \times 9 \times 8^5$

$6249850 := 0 + (5^8 - 9) \times 4^2 - 6$
$6249851 := 1 + (5^8 - 9) \times 4^2 - 6$
$6249852 := 2 + (5^8 - 9) \times 4^2 - 6$
$6249853 := 3 + (5^8 - 9) \times 4^2 - 6$
$6249854 := 4 + (5^8 - 9) \times 4^2 - 6$
$6249855 := 5 + (5^8 - 9) \times 4^2 - 6$
$6249856 := 6 + (5^8 - 9) \times 4^2 - 6$
$6249857 := 7 + (5^8 - 9) \times 4^2 - 6$
$6249858 := 8 + (5^8 - 9) \times 4^2 - 6$
$6249859 := 9 + (5^8 - 9) \times 4^2 - 6$

$6291440 := 0 - 4 + (4^{1+9} - 2) \times 6$
$6291441 := 1 - 4 + (4^{1+9} - 2) \times 6$
$6291442 := 2 - 4 + (4^{1+9} - 2) \times 6$
$6291443 := 3 - 4 + (4^{1+9} - 2) \times 6$
$6291444 := 4 - 4 + (4^{1+9} - 2) \times 6$
$6291445 := 5 - 4 + (4^{1+9} - 2) \times 6$
$6291446 := 6 - 4 + (4^{1+9} - 2) \times 6$
$6291447 := 7 - 4 + (4^{1+9} - 2) \times 6$
$6291448 := 8 - 4 + (4^{1+9} - 2) \times 6$
$6291449 := 9 - 4 + (4^{1+9} - 2) \times 6$

$6291460 := 0 + 6 \times 4^{1+9} - 2 + 6$
$6291461 := 1 + 6 \times 4^{1+9} - 2 + 6$
$6291462 := 2 + 6 \times 4^{1+9} - 2 + 6$
$6291463 := 3 + 6 \times 4^{1+9} - 2 + 6$
$6291464 := 4 + 6 \times 4^{1+9} - 2 + 6$
$6291465 := 5 + 6 \times 4^{1+9} - 2 + 6$
$6291466 := 6 + 6 \times 4^{1+9} - 2 + 6$
$6291467 := 7 + 6 \times 4^{1+9} - 2 + 6$
$6291468 := 8 + 6 \times 4^{1+9} - 2 + 6$
$6291469 := 9 + 6 \times 4^{1+9} - 2 + 6$

$6718640 := 0 + 4 \times 6^8 + 176$
$6718641 := 1 + 4 \times 6^8 + 176$
$6718642 := 2 + 4 \times 6^8 + 176$
$6718643 := 3 + 4 \times 6^8 + 176$
$6718644 := 4 + 4 \times 6^8 + 176$
$6718645 := 5 + 4 \times 6^8 + 176$
$6718646 := 6 + 4 \times 6^8 + 176$
$6718647 := 7 + 4 \times 6^8 + 176$
$6718648 := 8 + 4 \times 6^8 + 176$
$6718649 := 9 + 4 \times 6^8 + 176$

$7968750 := 0 + 5^7 \times (86 + 9 + 7)$
$7968751 := 1 + 5^7 \times (86 + 9 + 7)$
$7968752 := 2 + 5^7 \times (86 + 9 + 7)$
$7968753 := 3 + 5^7 \times (86 + 9 + 7)$
$7968754 := 4 + 5^7 \times (86 + 9 + 7)$
$7968755 := 5 + 5^7 \times (86 + 9 + 7)$
$7968756 := 6 + 5^7 \times (86 + 9 + 7)$
$7968757 := 7 + 5^7 \times (86 + 9 + 7)$
$7968758 := 8 + 5^7 \times (86 + 9 + 7)$
$7968759 := 9 + 5^7 \times (86 + 9 + 7)$

$8387840 := 0 + 4 \times (8^7 - 8 \times 3 \times 8)$
$8387841 := 1 + 4 \times (8^7 - 8 \times 3 \times 8)$
$8387842 := 2 + 4 \times (8^7 - 8 \times 3 \times 8)$
$8387843 := 3 + 4 \times (8^7 - 8 \times 3 \times 8)$
$8387844 := 4 + 4 \times (8^7 - 8 \times 3 \times 8)$
$8387845 := 5 + 4 \times (8^7 - 8 \times 3 \times 8)$
$8387846 := 6 + 4 \times (8^7 - 8 \times 3 \times 8)$
$8387847 := 7 + 4 \times (8^7 - 8 \times 3 \times 8)$
$8387848 := 8 + 4 \times (8^7 - 8 \times 3 \times 8)$
$8387849 := 9 + 4 \times (8^7 - 8 \times 3 \times 8)$

$9436860 := 0 - (6 - 8^6 + 3) \times 4 \times 9$
$9436861 := 1 - (6 - 8^6 + 3) \times 4 \times 9$
$9436862 := 2 - (6 - 8^6 + 3) \times 4 \times 9$
$9436863 := 3 - (6 - 8^6 + 3) \times 4 \times 9$

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$$\mathbf{9436864} := 4-(6-8^6+3)\times 4\times 9$$
$$\mathbf{9436865} := 5-(6-8^6+3)\times 4\times 9$$
$$\mathbf{9436866} := 6-(6-8^6+3)\times 4\times 9$$
$$\mathbf{9436867} := 7-(6-8^6+3)\times 4\times 9$$
$$\mathbf{9436868} := 8-(6-8^6+3)\times 4\times 9$$
$$\mathbf{9436869} := 9-(6-8^6+3)\times 4\times 9$$

$$\mathbf{9437220} := 0+((2+2)^{7+3}+4)\times 9$$
$$\mathbf{9437221} := 1+((2+2)^{7+3}+4)\times 9$$
$$\mathbf{9437222} := 2+((2+2)^{7+3}+4)\times 9$$
$$\mathbf{9437223} := 3+((2+2)^{7+3}+4)\times 9$$
$$\mathbf{9437224} := 4+((2+2)^{7+3}+4)\times 9$$
$$\mathbf{9437225} := 5+((2+2)^{7+3}+4)\times 9$$
$$\mathbf{9437226} := 6+((2+2)^{7+3}+4)\times 9$$
$$\mathbf{9437227} := 7+((2+2)^{7+3}+4)\times 9$$
$$\mathbf{9437228} := 8+((2+2)^{7+3}+4)\times 9$$
$$\mathbf{9437229} := 9+((2+2)^{7+3}+4)\times 9$$

$$\mathbf{9437940} := 0+(4^9+7\times 3)\times 4\times 9$$
$$\mathbf{9437941} := 1+(4^9+7\times 3)\times 4\times 9$$
$$\mathbf{9437942} := 2+(4^9+7\times 3)\times 4\times 9$$
$$\mathbf{9437943} := 3+(4^9+7\times 3)\times 4\times 9$$
$$\mathbf{9437944} := 4+(4^9+7\times 3)\times 4\times 9$$
$$\mathbf{9437945} := 5+(4^9+7\times 3)\times 4\times 9$$
$$\mathbf{9437946} := 6+(4^9+7\times 3)\times 4\times 9$$
$$\mathbf{9437947} := 7+(4^9+7\times 3)\times 4\times 9$$
$$\mathbf{9437948} := 8+(4^9+7\times 3)\times 4\times 9$$
$$\mathbf{9437949} := 9+(4^9+7\times 3)\times 4\times 9$$

$$\mathbf{9638720} := 0-(-2+78)^3+6^9$$
$$\mathbf{9638721} := 1-(-2+78)^3+6^9$$
$$\mathbf{9638722} := 2-(-2+78)^3+6^9$$
$$\mathbf{9638723} := 3-(-2+78)^3+6^9$$
$$\mathbf{9638724} := 4-(-2+78)^3+6^9$$
$$\mathbf{9638725} := 5-(-2+78)^3+6^9$$
$$\mathbf{9638726} := 6-(-2+78)^3+6^9$$
$$\mathbf{9638727} := 7-(-2+78)^3+6^9$$
$$\mathbf{9638728} := 8-(-2+78)^3+6^9$$
$$\mathbf{9638729} := 9-(-2+78)^3+6^9$$

$$\mathbf{9765560} := 0-65+5^{-6+7+9}$$
$$\mathbf{9765561} := 1-65+5^{-6+7+9}$$
$$\mathbf{9765562} := 2-65+5^{-6+7+9}$$
$$\mathbf{9765563} := 3-65+5^{-6+7+9}$$
$$\mathbf{9765564} := 4-65+5^{-6+7+9}$$
$$\mathbf{9765565} := 5-65+5^{-6+7+9}$$
$$\mathbf{9765566} := 6-65+5^{-6+7+9}$$
$$\mathbf{9765567} := 7-65+5^{-6+7+9}$$
$$\mathbf{9765568} := 8-65+5^{-6+7+9}$$
$$\mathbf{9765569} := 9-65+5^{-6+7+9}$$

3.3 Symmetric and Nononsecutive

$$\mathbf{00025} := 5^2+000$$
$$\mathbf{00125} := 5^2+100$$
$$\mathbf{00225} := 5^2+200$$
$$\mathbf{00325} := 5^2+300$$
$$\mathbf{00425} := 5^2+400$$
$$\mathbf{00525} := 5^2+500$$
$$\mathbf{00625} := 5^2+600$$
$$\mathbf{00725} := 5^2+700$$
$$\mathbf{00825} := 5^2+800$$
$$\mathbf{00925} := 5^2+900$$

$$\mathbf{000025} := 5^2+0000$$
$$\mathbf{001125} := 5^2+1100$$
$$\mathbf{002225} := 5^2+2200$$
$$\mathbf{003325} := 5^2+3300$$
$$\mathbf{004425} := 5^2+4400$$
$$\mathbf{005525} := 5^2+5500$$
$$\mathbf{006625} := 5^2+6600$$

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$\mathbf{007725} := 5^2 + 7700$
$\mathbf{008825} := 5^2 + 8800$
$\mathbf{009925} := 5^2 + 9900$

$\mathbf{328510} := 01 + (5 + 8^2)^3$
$\mathbf{328521} := 12 + (5 + 8^2)^3$
$\mathbf{328532} := 23 + (5 + 8^2)^3$
$\mathbf{328543} := 34 + (5 + 8^2)^3$
$\mathbf{328554} := 45 + (5 + 8^2)^3$
$\mathbf{328565} := 56 + (5 + 8^2)^3$
$\mathbf{328576} := 67 + (5 + 8^2)^3$
$\mathbf{328587} := 78 + (5 + 8^2)^3$
$\mathbf{328598} := 89 + (5 + 8^2)^3$

$\mathbf{937500} := 00 + 5^7 \times (3 + 9)$
$\mathbf{937511} := 11 + 5^7 \times (3 + 9)$
$\mathbf{937522} := 22 + 5^7 \times (3 + 9)$
$\mathbf{937533} := 33 + 5^7 \times (3 + 9)$
$\mathbf{937544} := 44 + 5^7 \times (3 + 9)$
$\mathbf{937555} := 55 + 5^7 \times (3 + 9)$
$\mathbf{937566} := 66 + 5^7 \times (3 + 9)$
$\mathbf{937577} := 77 + 5^7 \times (3 + 9)$
$\mathbf{937588} := 88 + 5^7 \times (3 + 9)$
$\mathbf{937599} := 88 + 5^7 \times (3 + 9)$

$\mathbf{0000126} := 6 \times 21 + 0000$
$\mathbf{0001126} := 6 \times 21 + 1000$
$\mathbf{0002126} := 6 \times 21 + 2000$
$\mathbf{0003126} := 6 \times 21 + 3000$
$\mathbf{0004126} := 6 \times 21 + 4000$
$\mathbf{0005126} := 6 \times 21 + 5000$
$\mathbf{0006126} := 6 \times 21 + 6000$
$\mathbf{0007126} := 6 \times 21 + 7000$
$\mathbf{0008126} := 6 \times 21 + 8000$
$\mathbf{0009126} := 6 \times 21 + 9000$

$\mathbf{0000153} := 3 \times 51 + 0000$
$\mathbf{0001153} := 3 \times 51 + 1000$
$\mathbf{0002153} := 3 \times 51 + 2000$
$\mathbf{0003153} := 3 \times 51 + 3000$
$\mathbf{0004153} := 3 \times 51 + 4000$
$\mathbf{0005153} := 3 \times 51 + 5000$
$\mathbf{0006153} := 3 \times 51 + 6000$
$\mathbf{0007153} := 3 \times 51 + 7000$
$\mathbf{0008153} := 3 \times 51 + 8000$
$\mathbf{0009153} := 3 \times 51 + 9000$

$\mathbf{0000688} := 8 \times 86 + 0000$
$\mathbf{0001688} := 8 \times 86 + 1000$
$\mathbf{0002688} := 8 \times 86 + 2000$
$\mathbf{0003688} := 8 \times 86 + 3000$
$\mathbf{0004688} := 8 \times 86 + 4000$
$\mathbf{0005688} := 8 \times 86 + 5000$
$\mathbf{0006688} := 8 \times 86 + 6000$
$\mathbf{0007688} := 8 \times 86 + 7000$
$\mathbf{0008688} := 8 \times 86 + 8000$
$\mathbf{0009688} := 8 \times 86 + 9000$

$\mathbf{0000289} := (9 + 8)^2 + 0000$
$\mathbf{0001289} := (9 + 8)^2 + 1000$
$\mathbf{0002289} := (9 + 8)^2 + 2000$
$\mathbf{0003289} := (9 + 8)^2 + 3000$
$\mathbf{0004289} := (9 + 8)^2 + 4000$
$\mathbf{0005289} := (9 + 8)^2 + 5000$
$\mathbf{0006289} := (9 + 8)^2 + 6000$
$\mathbf{0007289} := (9 + 8)^2 + 7000$
$\mathbf{0008289} := (9 + 8)^2 + 8000$
$\mathbf{0009289} := (9 + 8)^2 + 9000$

$\mathbf{0000216} := 6^{1+2} + 0000$
$\mathbf{0001216} := 6^{1+2} + 1000$
$\mathbf{0002216} := 6^{1+2} + 2000$
$\mathbf{0003216} := 6^{1+2} + 3000$
$\mathbf{0004216} := 6^{1+2} + 4000$
$\mathbf{0005216} := 6^{1+2} + 5000$
$\mathbf{0006216} := 6^{1+2} + 6000$
$\mathbf{0007216} := 6^{1+2} + 7000$
$\mathbf{0008216} := 6^{1+2} + 8000$

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$\mathbf{0009216} := 6^{1+2} + 9000$

$\mathbf{0000125} := 5^{2+1} + 0000$
$\mathbf{0001125} := 5^{2+1} + 1000$
$\mathbf{0002125} := 5^{2+1} + 2000$
$\mathbf{0003125} := 5^{2+1} + 3000$
$\mathbf{0004125} := 5^{2+1} + 4000$
$\mathbf{0005125} := 5^{2+1} + 5000$
$\mathbf{0006125} := 5^{2+1} + 6000$
$\mathbf{0007125} := 5^{2+1} + 7000$
$\mathbf{0008125} := 5^{2+1} + 8000$
$\mathbf{0009125} := 5^{2+1} + 9000$

$\mathbf{0010468} := 8 \times (6^4) + 0100$
$\mathbf{0011468} := 8 \times (6^4) + 1100$
$\mathbf{0012468} := 8 \times (6^4) + 2100$
$\mathbf{0013468} := 8 \times (6^4) + 3100$
$\mathbf{0014468} := 8 \times (6^4) + 4100$
$\mathbf{0015468} := 8 \times (6^4) + 5100$
$\mathbf{0016468} := 8 \times (6^4) + 6100$
$\mathbf{0017468} := 8 \times (6^4) + 7100$
$\mathbf{0018468} := 8 \times (6^4) + 8100$
$\mathbf{0019468} := 8 \times (6^4) + 9100$

$\mathbf{0015300} := 00 + 3 \times 5100$
$\mathbf{0015311} := 11 + 3 \times 5100$
$\mathbf{0015322} := 22 + 3 \times 5100$
$\mathbf{0015333} := 33 + 3 \times 5100$
$\mathbf{0015344} := 44 + 3 \times 5100$
$\mathbf{0015355} := 55 + 3 \times 5100$
$\mathbf{0015366} := 66 + 3 \times 5100$
$\mathbf{0015377} := 77 + 3 \times 5100$
$\mathbf{0015388} := 88 + 3 \times 5100$
$\mathbf{0015399} := 99 + 3 \times 5100$

$\mathbf{0012600} := 00 + 6 \times 2100$
$\mathbf{0012611} := 11 + 6 \times 2100$
$\mathbf{0012622} := 22 + 6 \times 2100$
$\mathbf{0012633} := 33 + 6 \times 2100$
$\mathbf{0012644} := 44 + 6 \times 2100$
$\mathbf{0012655} := 55 + 6 \times 2100$
$\mathbf{0012666} := 66 + 6 \times 2100$
$\mathbf{0012677} := 77 + 6 \times 2100$
$\mathbf{0012688} := 88 + 6 \times 2100$
$\mathbf{0012699} := 99 + 6 \times 2100$

$\mathbf{0000025} := 5^2 + 00000$
$\mathbf{0001025} := 5^2 + 01000$
$\mathbf{0002025} := 5^2 + 02000$
$\mathbf{0003025} := 5^2 + 03000$
$\mathbf{0004025} := 5^2 + 04000$
$\mathbf{0005025} := 5^2 + 05000$
$\mathbf{0006025} := 5^2 + 06000$
$\mathbf{0007025} := 5^2 + 07000$
$\mathbf{0008025} := 5^2 + 08000$
$\mathbf{0009025} := 5^2 + 09000$
$\mathbf{0010125} := 5^2 + 10100$
$\mathbf{0011125} := 5^2 + 11100$
$\mathbf{0012125} := 5^2 + 12100$
$\mathbf{0013125} := 5^2 + 13100$
$\mathbf{0014125} := 5^2 + 14100$
$\mathbf{0015125} := 5^2 + 15100$
$\mathbf{0016125} := 5^2 + 16100$
$\mathbf{0017125} := 5^2 + 17100$
$\mathbf{0018125} := 5^2 + 18100$
$\mathbf{0019125} := 5^2 + 19100$
$\mathbf{0020225} := 5^2 + 20200$
$\mathbf{0021225} := 5^2 + 21200$
$\mathbf{0022225} := 5^2 + 22200$
$\mathbf{0023225} := 5^2 + 23200$
$\mathbf{0024225} := 5^2 + 24200$
$\mathbf{0025225} := 5^2 + 25200$
$\mathbf{0026225} := 5^2 + 26200$
$\mathbf{0027225} := 5^2 + 27200$
$\mathbf{0028225} := 5^2 + 28200$
$\mathbf{0029225} := 5^2 + 29200$

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$\mathbf{0030325} := 5^2 + 30300$
$\mathbf{0031325} := 5^2 + 31300$
$\mathbf{0032325} := 5^2 + 32300$
$\mathbf{0033325} := 5^2 + 33300$
$\mathbf{0034325} := 5^2 + 34300$
$\mathbf{0035325} := 5^2 + 35300$
$\mathbf{0036325} := 5^2 + 36300$
$\mathbf{0037325} := 5^2 + 37300$
$\mathbf{0038325} := 5^2 + 38300$
$\mathbf{0039325} := 5^2 + 39300$
$\mathbf{0040425} := 5^2 + 40400$
$\mathbf{0041425} := 5^2 + 41400$
$\mathbf{0042425} := 5^2 + 42400$
$\mathbf{0043425} := 5^2 + 43400$
$\mathbf{0044425} := 5^2 + 44400$
$\mathbf{0045425} := 5^2 + 45400$
$\mathbf{0046425} := 5^2 + 46400$
$\mathbf{0047425} := 5^2 + 47400$
$\mathbf{0048425} := 5^2 + 48400$
$\mathbf{0049425} := 5^2 + 49400$
$\mathbf{0050525} := 5^2 + 50500$
$\mathbf{0051525} := 5^2 + 51500$
$\mathbf{0052525} := 5^2 + 52500$
$\mathbf{0053525} := 5^2 + 53500$
$\mathbf{0054525} := 5^2 + 54500$
$\mathbf{0055525} := 5^2 + 55500$
$\mathbf{0056525} := 5^2 + 56500$
$\mathbf{0057525} := 5^2 + 57500$
$\mathbf{0058525} := 5^2 + 58500$
$\mathbf{0059525} := 5^2 + 59500$
$\mathbf{0060625} := 5^2 + 60600$
$\mathbf{0061625} := 5^2 + 61600$
$\mathbf{0062625} := 5^2 + 62600$
$\mathbf{0063625} := 5^2 + 63600$
$\mathbf{0064625} := 5^2 + 64600$
$\mathbf{0065625} := 5^2 + 65600$
$\mathbf{0066625} := 5^2 + 66600$
$\mathbf{0067625} := 5^2 + 67600$
$\mathbf{0068625} := 5^2 + 68600$
$\mathbf{0069625} := 5^2 + 69600$
$\mathbf{0070725} := 5^2 + 70700$
$\mathbf{0071725} := 5^2 + 71700$
$\mathbf{0072725} := 5^2 + 72700$
$\mathbf{0073725} := 5^2 + 73700$
$\mathbf{0074725} := 5^2 + 74700$
$\mathbf{0075725} := 5^2 + 75700$
$\mathbf{0076725} := 5^2 + 76700$
$\mathbf{0077725} := 5^2 + 77700$
$\mathbf{0078725} := 5^2 + 78700$
$\mathbf{0079725} := 5^2 + 79700$
$\mathbf{0080825} := 5^2 + 80800$
$\mathbf{0081825} := 5^2 + 81800$
$\mathbf{0082825} := 5^2 + 82800$
$\mathbf{0083825} := 5^2 + 83800$
$\mathbf{0084825} := 5^2 + 84800$
$\mathbf{0085825} := 5^2 + 85800$
$\mathbf{0086825} := 5^2 + 86800$
$\mathbf{0087825} := 5^2 + 87800$
$\mathbf{0088825} := 5^2 + 88800$
$\mathbf{0089825} := 5^2 + 89800$
$\mathbf{0090925} := 5^2 + 90900$
$\mathbf{0091925} := 5^2 + 91900$
$\mathbf{0092925} := 5^2 + 92900$
$\mathbf{0093925} := 5^2 + 93900$
$\mathbf{0094925} := 5^2 + 94900$
$\mathbf{0095925} := 5^2 + 95900$
$\mathbf{0096925} := 5^2 + 96900$
$\mathbf{0097925} := 5^2 + 97900$
$\mathbf{0098925} := 5^2 + 98900$
$\mathbf{0099925} := 5^2 + 99900$

$\mathbf{0068800} := 00 + 8 \times 8600$
$\mathbf{0068811} := 11 + 8 \times 8600$

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$$\mathbf{0068822} := 22 + 8 \times 8600$$
$$\mathbf{0068833} := 33 + 8 \times 8600$$
$$\mathbf{0068844} := 44 + 8 \times 8600$$
$$\mathbf{0068855} := 55 + 8 \times 8600$$
$$\mathbf{0068866} := 66 + 8 \times 8600$$
$$\mathbf{0068877} := 77 + 8 \times 8600$$
$$\mathbf{0068888} := 88 + 8 \times 8600$$
$$\mathbf{0068899} := 99 + 8 \times 8600$$

$$\mathbf{1562500} := 00 + 5^{2+6} \times (5-1)$$
$$\mathbf{1562511} := 11 + 5^{2+6} \times (5-1)$$
$$\mathbf{1562522} := 22 + 5^{2+6} \times (5-1)$$
$$\mathbf{1562533} := 33 + 5^{2+6} \times (5-1)$$
$$\mathbf{1562544} := 44 + 5^{2+6} \times (5-1)$$
$$\mathbf{1562555} := 55 + 5^{2+6} \times (5-1)$$
$$\mathbf{1562566} := 66 + 5^{2+6} \times (5-1)$$
$$\mathbf{1562577} := 77 + 5^{2+6} \times (5-1)$$
$$\mathbf{1562588} := 88 + 5^{2+6} \times (5-1)$$
$$\mathbf{1562599} := 99 + 5^{2+6} \times (5-1)$$

$$\mathbf{1953905} := 50 + 9^3 + 5^9 + 1$$
$$\mathbf{1953916} := 61 + 9^3 + 5^9 + 1$$
$$\mathbf{1953927} := 72 + 9^3 + 5^9 + 1$$
$$\mathbf{1953938} := 83 + 9^3 + 5^9 + 1$$
$$\mathbf{1953949} := 94 + 9^3 + 5^9 + 1$$

$$\mathbf{2137404} := -40 + 4 \times 731^2$$
$$\mathbf{2137413} := -31 + 4 \times 731^2$$
$$\mathbf{2137422} := -22 + 4 \times 731^2$$
$$\mathbf{2137431} := -13 + 4 \times 731^2$$

$$\mathbf{3255210} := 01 + (25^5 + 2)/3$$
$$\mathbf{3255221} := 12 + (25^5 + 2)/3$$
$$\mathbf{3255232} := 23 + (25^5 + 2)/3$$
$$\mathbf{3255243} := 34 + (25^5 + 2)/3$$
$$\mathbf{3255254} := 45 + (25^5 + 2)/3$$
$$\mathbf{3255265} := 56 + (25^5 + 2)/3$$
$$\mathbf{3255276} := 67 + (25^5 + 2)/3$$
$$\mathbf{3255287} := 78 + (25^5 + 2)/3$$
$$\mathbf{3255298} := 89 + (25^5 + 2)/3$$

$$\mathbf{3581507} := -70 + (51 \times (8-5))^3$$
$$\mathbf{3581516} := -61 + (51 \times (8-5))^3$$
$$\mathbf{3581525} := -52 + (51 \times (8-5))^3$$
$$\mathbf{3581534} := -43 + (51 \times (8-5))^3$$
$$\mathbf{3581543} := -34 + (51 \times (8-5))^3$$
$$\mathbf{3581552} := -25 + (51 \times (8-5))^3$$
$$\mathbf{3581561} := -16 + (51 \times (8-5))^3$$

$$\mathbf{3652304} := 40 + (32 \times 5 - 6)^3$$
$$\mathbf{3652315} := 51 + (32 \times 5 - 6)^3$$
$$\mathbf{3652326} := 62 + (32 \times 5 - 6)^3$$
$$\mathbf{3652337} := 73 + (32 \times 5 - 6)^3$$
$$\mathbf{3652348} := 84 + (32 \times 5 - 6)^3$$
$$\mathbf{3652359} := 95 + (32 \times 5 - 6)^3$$

$$\mathbf{9765065} := -560 + 5^{-6+7+9}$$
$$\mathbf{9765164} := -461 + 5^{-6+7+9}$$
$$\mathbf{9765263} := -362 + 5^{-6+7+9}$$
$$\mathbf{9765362} := -263 + 5^{-6+7+9}$$
$$\mathbf{9765461} := -164 + 5^{-6+7+9}$$

3.4 General Representations

$$\mathbf{125} := 5^{2+1}$$
$$\mathbf{216} := 6^{1+2}$$
$$\mathbf{289} := (9+8)^2$$
$$\mathbf{343} := (3+4)^3$$
$$\mathbf{625} := 5^{-2+6}$$

$$\mathbf{0135} := 5^3 + 10$$

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$0236 := 6^3 + 20$
$3125 := 5^{2\times 1+3}$
$3375 := (5+7+3)^3$
$3378 := (8+7)^3 + 3$
$4088 := -8 + 8^{04}$
$6144 := 4^{4+1} \times 6$
$8192 := 2^{9+1} \times 8$

$01022 := -2 + 2^{010}$
$01024 := (4-2)^{010}$
$01286 := 6^{8/2} - 10$
$01782 := 2^8 \times 7 - 10$
$02284 := 48^2 - 20$
$03155 := 5^5 \times 1 + 30$
$06848 := 8 \times (-4 + 860)$
$10368 := 8 \times 6^{3+01}$
$11163 := 3 \times 61^{1+1}$
$12288 := (8\times 8)^2 \times (2+1)$
$13725 := 5 \times ((2\times 7)^3 + 1)$
$13823 := (32-8)^3 - 1$
$13824 := (4^2+8)^3 \times 1$
$13825 := ((5-2)\times 8)^3 + 1$
$14641 := ((1+4)+6)^4 \times 1$
$15562 := 2 \times (6^5 + 5\times 1)$
$15585 := 5 \times (-8 + 5^5 \times 1)$
$15625 := 5^{2\times 6-5-1}$
$15655 := (5^5+6)\times 5\times 1$
$16225 := 52^2 \times 6 + 1$
$16374 := 4^7 - 3 - 6 - 1$
$16377 := -7 + (7-3)^{6+1}$
$16384 := ((4+8)/3)^{6+1}$
$16783 := -3\times 8 + 7^{6-1}$
$16794 := -4 - 9 + 7^{6-1}$
$16807 := 7^{0\times 8+6-1}$
$17925 := 5 \times (2^9 \times 7 + 1)$
$19683 := 3^8 \times (-6 + 9\times 1)$
$19736 := (6+3^7)\times 9 - 1$

$21844 := (-4+4^8)/(1+2)$
$21848 := (8+4^8)/(1+2)$
$21952 := (2\times(5+9))^{1+2}$
$22757 := 7 \times (57^2 + 2)$
$23326 := 6^{2+3} \times 3 - 2$
$23328 := (8-2)^{3+3}/2$
$23392 := (2+9^3)\times 32$
$24336 := ((6+33)\times 4)^2$
$24367 := 7 \times (63-4)^2$
$26244 := (4\times 42 - 6)^2$
$28224 := ((4+2)\times 28)^2$
$29929 := (92 + 9\times 9)^2$
$32768 := 8^{(6+7+2)/3}$
$32771 := (1+7)^{7-2} + 3$
$32835 := 5 \times (3^8 + 2\times 3)$
$34991 := -1 + (9+9)^4/3$
$34993 := (3 + (9+9)^4)/3$
$38427 := (7\times 2)^4 + 8 + 3$
$39304 := (40+3-9)^3$
$39356 := 6 \times (-5 + 3^9)/3$
$39363 := -3 + 6\times 3^9/3$
$39366 := 6 \times (6-3)^9/3$
$39369 := (9 + 6\times 3^9)/3$
$39382 := 2 \times (8 + (3\times 9)^3)$
$41468 := (8\times 6^4 - 1)\times 4$
$41472 := 2 \times (7+4+1)^4$
$46632 := (2\times 3)^6 - 6\times 4$
$46633 := -3^3 + 6^6 + 4$
$46644 := -4 - 4 + 6^6 - 4$
$46648 := -8 + 4 + 6^6 - 4$
$46651 := -1^5 + 6^6 - 4$
$46656 := 6^{(5\times 6-6)/4}$
$46661 := 1^6 + 6^6 + 4$
$46663 := -3 + 6^6 + 6 + 4$
$46673 := 3\times 7 + 6^6 - 4$
$46684 := 4\times 8 + 6^6 - 4$

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52483 $:= 3^8 \times 4 \times 2 - 5$
52498 $:= 8 \times 9^4 + 2 \times 5$
53248 $:= 8^4 \times (2^3 + 5)$
55296 $:= 6 \times 9 \times 2^{5+5}$
59038 $:= -8 - 3 + 09^5$
59049 $:= 94 \times 0 + 9^5$
59052 $:= -2 + 5 + 09^5$
59129 $:= 9^2 - 1 + 9^5$
59375 $:= 5^{7-3} \times 95$
59392 $:= (-2 + 9)^3 + 9^5$
59409 $:= 90 \times 4 + 9^5$
63994 $:= (49 - 9)^3 - 6$
65484 $:= 4^8 + 4 - 56$
65488 $:= 8 \times (8 \times 4^5 - 6)$
65528 $:= -8 + 2^{5+5+6}$
65536 $:= (6/3)^{5+5+6}$
66339 $:= (9 \times 3)^3 + 6^6$
68644 $:= (4^4 + 6)^{8-6}$
78125 $:= 5^{(2-1)^8 \times 7}$
78132 $:= (2 + 3)^{-1+8} + 7$
82952 $:= (2^5 \times 9)^2 + 8$
98415 $:= 5 \times (-1 - 4 + 8)^9$

001692 $:= 2 \times 9 \times (-6 + 100)$
002248 $:= 8^4/2 + 200$
002395 $:= -5 + (9 + 3) \times 200$
002448 $:= (8 + 4) \times (4 + 200)$
003159 $:= 9 \times (51 + 300)$
003295 $:= -5 + (9 + 2) \times 300$
007492 $:= 2^{9+4} - 700$
008568 $:= -8 + 6^5 + 800$
009468 $:= 8 \times 6^4 - 900$
012288 $:= (8 + 8/2) \times 2^{10}$
013814 $:= ((4 - 1) \times 8)^3 - 10$
013832 $:= -2 + (3 \times 8)^3 + 10$
013935 $:= 5 \times (-3 + 9 \times 310)$
013995 $:= 5 \times (9 + 9 \times 310)$

014346 $:= 6 \times ((4 + 3)^4 - 10)$
014651 $:= (1 \times 5 + 6)^4 + 10$
015562 $:= 2 \times (6^5 - 5 + 10)$
015575 $:= 5^7/5 - 5 \times 10$
015615 $:= 5^{16+5} - 10$
015665 $:= 5^6 + 6 \times 5 + 10$
016235 $:= 5^{3 \times 2} + 610$
016265 $:= 5^6 + 2^6 \times 10$
016384 $:= 4^{8+3+6-10}$
016747 $:= 7^4 \times 7 - 6 \times 10$
016817 $:= 7^{-1^8+6} + 10$
016957 $:= 7^5 + (9 + 6) \times 10$
017368 $:= 8 \times (-6 + 3^7 + 10)$
017517 $:= (7 \times 1)^5 + 710$
019673 $:= 3^{(7-6) \times 9} - 10$
019693 $:= (3 \times 9)^{-6+9} + 10$
021504 $:= 4^{05} \times (1 + 20)$
021755 $:= 5^5 \times 7 - 120$
021855 $:= 5^5 \times (8 - 1) - 20$
023273 $:= 37^2 \times (-3 + 20)$
023546 $:= -6 + 4^5 \times (3 + 20)$
023552 $:= 2^{5+5} \times (3 + 20)$
026136 $:= 6^3 \times (1 + 6 \times 20)$
032558 $:= 8^5 - (5 + 2) \times 30$
032738 $:= 8^{(3+7)/2} - 30$
032742 $:= 2 \times (4^7 + 2) - 30$
032789 $:= -9 + 8^{7-2} + 30$
032798 $:= 8^{-9+7 \times 2} + 30$
033158 $:= 8^5 + 13 \times 30$
033488 $:= 8 \times (8^4 + 3 \times 30)$
036936 $:= 6^3 \times (-9 + 6 \times 30)$
038912 $:= 2^{1+9} \times (8 + 30)$
039328 $:= -8 + 2 \times 3^9 - 30$
039336 $:= 6/3 \times 3^9 - 30$
039343 $:= 34^3 + 9 + 30$
039396 $:= 6 \times 9^3 \times 9 + 30$

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046568 $:= (-8+6^5)\times 6-40$
046608 $:= -8+06^6-40$
046613 $:= -3+1\times 6^6-40$
046616 $:= 6^{16\times 6}-40$
046624 $:= 4\times 2+6^6-40$
046637 $:= 7\times 3+6^6-40$
046655 $:= -5/5+6^6+4\times 0$
046679 $:= 9\times 7+6^6-40$
047396 $:= 6^{9-3}+740$
052438 $:= 8\times 3^{4\times 2}-50$
059499 $:= 9\times 9^4+9\times 50$
072192 $:= 2^9\times (1+2\times 70)$
093492 $:= 2\times ((9\times 4)^3+90)$
097674 $:= 4^7\times 6-7\times 90$
098394 $:= 4^9\times 3/8+90$
104975 $:= ((-5+7)\times 9)^4-01$
116635 $:= 5\times 3\times 6^{6-1}-1$
116675 $:= 5\times (7+6^6/(1+1))$
117567 $:= 7^6-5-7\times 11$
117577 $:= 7\times 7^5-71-1$
117643 $:= (3+4)^6-7\times 1+1$
117649 $:= (9+4-6)^{7\times 1-1}$
117729 $:= 9^2+7^{7-1}-1$
118336 $:= (6+338)^{1+1}$
126737 $:= (7^3+7+6)^2+1$
131072 $:= 2^{(7-01)\times 3}-1$
132651 $:= (15+6^2)^3\times 1$
134457 $:= 7^5\times (-4+4\times 3)+1$
136079 $:= 9\times 70\times 6^3-1$
136945 $:= (5^4+9)\times 6^3+1$
137842 $:= 2\times (48-7)^3\times 1$
139264 $:= 4^6\times ((2+9)\times 3+1)$
139964 $:= 4\times (6\times (9+9)^3-1)$
139966 $:= (6^6\times 9-9)/3+1$
140608 $:= (-8+060)^{4-1}$
145232 $:= 232\times (5^4+1)$
146411 $:= 11^4\times (6+4)+1$
147419 $:= 9\times (1\times 4^7-4)-1$
147429 $:= 9\times (2+4^7-4-1)$
147469 $:= 9\times (6+4^7)-41$
147491 $:= 1\times 9\times (4^7+4)-1$
153097 $:= 7\times (90\times 3^5+1)$
155684 $:= 4\times ((8+6^5)\times 5+1)$
156252 $:= 2\times (5^{2\times 6-5}+1)$
157457 $:= -7+54^{7-5+1}$
157469 $:= (9\times 6)^{-4+7}+5\times 1$
157752 $:= 2\times (5^7+751)$
159375 $:= 5^{-7+3+9}\times 51$
172773 $:= 3^7\times (72+7\times 1)$
177147 $:= (7-4)^{17-7+1}$
177153 $:= 3^{5-1+7}+7-1$
179275 $:= 5\times (-7+2^9)\times 71$
183704 $:= 4\times (07\times 3^8-1)$
186615 $:= (5-1)\times 6^6-8-1$
186623 $:= 32\times 6^6/8-1$
186624 $:= 4\times (2+6^6)-8\times 1$
186631 $:= (1+3)\times 6^6+8-1$
186644 $:= 4\times (-4+6^6+8+1)$
186646 $:= -6+4\times (6^6+8-1)$
186648 $:= -8+4\times (6^6+8\times 1)$
186684 $:= 4\times (8+6^6+8-1)$
187277 $:= (7\times 7)^2\times 78-1$
194471 $:= (17+4)^4-9-1$
194489 $:= (9+8+4)^4+9-1$
196517 $:= (7+1)^5\times 6-91$
196589 $:= -9+8^5\times 6-9-1$
196608 $:= 8^{06}\times 6/(9-1)$
196618 $:= 8^{-1+6}\times 6+9+1$
196832 $:= 2\times (3^8\times (6+9)+1)$
207936 $:= (6\times (-3+9+70))^2$
209764 $:= (467-9)^{02}$
211595 $:= -5+(9\times 51+1)^2$

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214375 $:= (5\times 7)^3\times(4-1+2)$
221184 $:= 48^{1\times 1+2}\times 2$
225625 $:= ((5^2-6)\times 5^2)^2$
225792 $:= 2^9\times(7\times(5-2))^2$
227529 $:= (9^2\times 5+72)^2$
228484 $:= (4-8+482)^2$
229374 $:= 4^7\times(3+9+2)-2$
232324 $:= (-4+2\times 3^{2+3})^2$
233255 $:= 5\times(-5+(2\times 3)^{3\times 2})$
233289 $:= (-9+82\times(3+3))^2$
234222 $:= -2+22^4-32$
234247 $:= ((7+4)\times 2)^4-3^2$
234256 $:= ((6+5)\times 2)^4\times(3-2)$
234265 $:= ((5+6)\times 2)^4+3^2$
234375 $:= 5^7\times 3\times(4-3)^2$
235282 $:= 2\times(-8+(2+5)^{3\times 2})$
235298 $:= (8+9+2^5)^3\times 2$
235445 $:= 5\times(44\times 5-3)^2$
235956 $:= 6\times(5+9)\times 53^2$
236196 $:= (6\times 9\times(1\times 6+3))^2$
237169 $:= ((9+61)\times 7-3)^2$
238326 $:= 62^3-8+3\times 2$
239432 $:= 2\times(349-3)^2$
241664 $:= 4^6\times(61-4+2)$
247301 $:= 103\times 7^4-2$
248834 $:= (4\times 3)^{8/8+4}+2$
253984 $:= 4\times(-8+(9+3^5)^2)$
254448 $:= (-8+4^4)\times(4^5+2)$
255025 $:= (5\times 20\times 5+5)^2$
255367 $:= 7\times(6^3-5\times 5)^2$
260846 $:= -6^4+8^{06}-2$
261568 $:= 8^6-((5-1)\times 6)^2$
262136 $:= -6+((3+1)\times 2)^6-2$
262138 $:= -8+((3+1)\times 2)^6+2$
262141 $:= -1+(4\times 1\times 2)^6-2$
262142 $:= (2+4\times 1+2)^6-2$
262143 $:= -3+(4\times 1\times 2)^6+2$
262146 $:= (6+4\times 1-2)^6+2$
262148 $:= 8^{(4-1)\times 2}+6-2$
262158 $:= 8^{5+1}+2\times 6+2$
262168 $:= 8^6\times 1+26-2$
262178 $:= 8^{7-1}-2+6^2$
262194 $:= 4^9-12+62$
262268 $:= 8^6+2\times(2^6-2)$
262288 $:= 8^{8-2}+(2\times 6)^2$
263169 $:= (9\times 61-36)^2$
263424 $:= (4+24)^3\times 6\times 2$
265695 $:= (5+9^6-56)/2$
265721 $:= (1+(2\times 7-5)^6)/2$
267126 $:= 6\times(217-6)^2$
267289 $:= ((9+8^2)\times 7+6)^2$
268324 $:= (4^{2\times 3}/8+6)^2$
268868 $:= 8^6+(88-6)^2$
269361 $:= (1+(6/3)^9+6)^2$
273125 $:= 5^{2+1}\times(3^7-2)$
273455 $:= (5+5^{4+3})\times 7/2$
275625 $:= ((5\times 2+65)\times 7)^2$
276576 $:= 6^7-5\times 672$
279666 $:= 6\times(6^6-9\times(7-2))$
279742 $:= (2+4)^7-97\times 2$
279934 $:= (4+3-9/9)^7-2$
279936 $:= 6^{(3+9+9-7)/2}$
279938 $:= (8\times 3-9-9)^7+2$
283215 $:= 5\times(-1+238^2)$
283235 $:= 5\times(3+238^2)$
283392 $:= 2\times(9+3)^3\times 82$
285374 $:= (4\times 7)^3\times(5+8)-2$
287296 $:= (6\times(9^2+7)+8)^2$
288369 $:= (9+6\times(3+8)\times 8)^2$
291595 $:= -5+((9+51)\times 9)^2$
294864 $:= 4\times(-6+8^4\times 9)\times 2$
294883 $:= (-3+8\times 8^4)\times 9-2$

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294888 $:= -8+8\times(8^4\times 9-2)$
294892 $:= -2+9\times(8^{-4+9}-2)$
294894 $:= 4\times 9\times(8^4-9)\times 2$
294912 $:= 2^{1+9+4}\times 9\times 2$
294948 $:= (8+4^9/4)\times 9/2$
294965 $:= 5\times((-6+9^4)\times 9-2)$
295159 $:= (9^5-1)\times 5-9^2$
295235 $:= 5\times(3\times(-2+5)^9-2)$
295243 $:= 3^{4\times 2}\times 5\times 9-2$
295335 $:= 5\times((3\times 3)^5+9\times 2)$
298116 $:= (6\times(1+1+89))^2$
300763 $:= (3-6+70)^{03}$
314432 $:= (23+4+41)^3$
314922 $:= (-2+(2\times 9)^4)\times 1\times 3$
314924 $:= -4+(2\times 9)^4\times 1\times 3$
314931 $:= (((-1+3)\times 9)^4+1)\times 3$
316227 $:= 72^2\times 61+3$
318864 $:= (4^6-8)\times(81-3)$
324555 $:= -5^5+5\times 4^{2^3}$
326424 $:= 42\times(-4+6^{2+3})$
326634 $:= (4+3)\times(6+6^{2\times 3})$
326697 $:= 7\times(9+6+6^{2\times 3})$
328509 $:= (9+058+2)^3$
331749 $:= (-9+(47+1)^3)\times 3$
331764 $:= (-4+(6\times(7+1))^3)\times 3$
331768 $:= -8+(6\times(7+1))^3\times 3$
331773 $:= 3\times(7\times 7-1)^3-3$
331776 $:= (6\times 7+7-1)^3\times 3$
331782 $:= (2+(8\times(7-1))^3)\times 3$
343007 $:= 70^{03}+4+3$
343656 $:= (6^5+6^3)\times 43$
344148 $:= 84\times(1+(4\times 4)^3)$
348758 $:= 85\times(7+8^4)+3$
349464 $:= (-46+4^9)\times 4/3$
349494 $:= (4^9\times 4-94)/3$
352947 $:= 7^{4+9-2-5}\times 3$
353673 $:= 3\times(7^6+3^5)-3$
354276 $:= 6\times((7-2+4)^5-3)$
368549 $:= (9+4)^5-(8+6)^3$
369757 $:= 7^5\times(7+9+6)+3$
373238 $:= (8\times 3^2)^3-7-3$
373244 $:= -4+4\times(2\times 3)^7/3$
373246 $:= -6+4\times(2\times 3)^7/3$
373248 $:= (84-2-3-7)^3$
373269 $:= (9\times(6+2))^3+7\times 3$
379459 $:= (-9+5^4)^{9-7}+3$
383856 $:= 6\times((5\times 8)^3-8\times 3)$
387577 $:= -7+757\times 8^3$
388999 $:= -9-9+(9+8\times 8)^3$
389017 $:= (-7+(1+09)\times 8)^3$
390224 $:= 4^2\times(20+9)^3$
390625 $:= 5^{2-6+09+3}$
391355 $:= 5^{5+3}+1+9^3$
391385 $:= 5^8+31+9^3$
391625 $:= 5^{2+6}+(1+9)^3$
392784 $:= (4^8-72)\times(9-3)$
393222 $:= (2+2^{2^3+9})\times 3$
393545 $:= 5\times(4\times(-5+3^9)-3)$
393645 $:= 5\times(4\times(6-3)^9-3)$
396568 $:= -8+6^5\times(6\times 9-3)$
399492 $:= (2^9+4\times 9)\times 9^3$
404968 $:= 8\times((6+9)^4-04)$
411771 $:= (1-7^7)/(1+1-4)$
411772 $:= 2\times(7^7\times 1+1)/4$
411773 $:= (3+7^7)\times(1+1)/4$
413343 $:= (3+4)\times(3\times 3)^{1+4}$
419886 $:= (6^8-8\times 9)/(1\times 4)$
419904 $:= 4\times(09+9\times 1)^4$
421875 $:= (5\times(7+8))^{12/4}$
435456 $:= 6^5\times(4\times 5\times 3-4)$
436875 $:= 5\times((-7+8^6)/3-4)$
437656 $:= ((6+5^6)\times 7-3)\times 4$

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442368 $:= (8\times 6)^3 + 24^4$
442369 $:= (96^3 \times 2 + 4)/4$
446168 $:= 86 \times (1 + 6^4) \times 4$
456968 $:= -8 + (6 + 9 + 6 + 5)^4$
456973 $:= -3 + (7 \times (9 - 6) + 5)^4$
456976 $:= (6 + (7 - 9 + 6) \times 5)^4$
457885 $:= 5^8 + (8 + 7^5) \times 4$
458672 $:= 2 \times 7 \times (-6 + 8^5) + 4$
458688 $:= -8 + (8 + 6) \times (8^5 - 4)$
458746 $:= -6 + 4^7 \times (8 + 5 \times 4)$
458748 $:= 8/4 \times 7 \times 8^5 - 4$
458847 $:= 7 \times (4^8 + 8 + 5) + 4$
458868 $:= (8 + 6) \times (8 + 8^5) + 4$
458872 $:= 2 \times (7 \times (8 + 8^5) + 4)$
466553 $:= -3 + (5 + 5) \times 6^6 - 4$
466556 $:= 6^5 \times 5 \times (6 + 6) - 4$
466557 $:= -7 + (5 + 5) \times 6^6 + 4$
467455 $:= -5^5 + 4 \times (7^6 - 4)$
468794 $:= ((-4 + 9)^7 + 8) \times 6 - 4$
472386 $:= -6 + 8 \times 3^{2\times 7-4}$
473256 $:= 6^{5-2} \times (3^7 + 4)$
493837 $:= -7 + 38^3 \times 9 - 4$
493852 $:= (-2 + 5 \times 8)^3 \times 9 + 4$
497664 $:= 4 \times 6 \times (6 \times (-7 + 9))^4$
517536 $:= 6^3 \times (-5 + 7^{-1+5})$
521645 $:= (54 \times 6 - 1)^2 \times 5$
524181 $:= (181 \times 4)^2 + 5$
524248 $:= 8 \times (4^{2+4+2} - 5)$
524281 $:= (-1 + 8^{2+4}) \times 2 - 5$
524282 $:= 2 \times (8^{2+4} + 2 - 5)$
524284 $:= -4 + 8 \times 2 \times (4 \times 2)^5$
524288 $:= (8 + 8) \times (2 + 4 + 2)^5$
524294 $:= 4^9 \times 2 - 4 + 2 \times 5$
524298 $:= 8^{9-2}/4 + 2 \times 5$
524384 $:= 4 \times 8 \times (3 + 4^{2+5})$
528369 $:= 9^6 - 3 \times (8/2)^5$
528384 $:= (4 + 8^3) \times (8/2)^5$
530469 $:= 9^6 - 4 \times 03^5$
531433 $:= 3^{3\times 4} \times 1 - 3 - 5$
531436 $:= ((6 - 3)^4 \times 1)^3 - 5$
531438 $:= -8 + (3^4 \times 1)^3 + 5$
531439 $:= (9 \times 3)^4 \times 1 + 3 - 5$
531441 $:= (1 + 4 + 4)^{1^3+5}$
531443 $:= 3^{4\times(4-1)} - 3 + 5$
531469 $:= 9^6 + 4 \times (-1 + 3 + 5)$
537743 $:= -3^4 + (-7 + 7 \times 3)^5$
537817 $:= -7 + (18 - 7 + 3)^5$
537822 $:= -2 + (2 + 8 + 7 - 3)^5$
537824 $:= (4^2 + 8 - 7 - 3)^5$
544768 $:= (8 \times 67 - 4) \times 4^5$
546875 $:= 5^7 \times (8 \times 6/4 - 5)$
549948 $:= 84 \times (-9 + 9^4 - 5)$
552771 $:= 177 \times (-2 + 5^5)$
567137 $:= 73 \times (-1 \times 7 + 6^5)$
567648 $:= (8 \times (4 + 6) - 7) \times 6^5$
571434 $:= -4 + 34 \times 1 \times 7^5$
571574 $:= (4 + 7^5) \times (-1 + 7 \times 5)$
581358 $:= 85^3 + 1 - 8^5$
589662 $:= (2 \times 6 + 6) \times (-9 + 8^5)$
589672 $:= 2 \times (-76 + 9 \times 8^5)$
589792 $:= 2 \times (-9 - 7 + 9 \times 8^5)$
589817 $:= -7 + (1 + 8 + 9) \times 8^5$
589837 $:= (7 - 3)^8 \times 9 + 8 + 5$
589847 $:= (7 + 4^8) \times 9 - 8 \times 5$
589962 $:= 2 \times (69 + 9 \times 8^5)$
589972 $:= 2 \times (-7 + 9 \times (9 + 8^5))$
589986 $:= (-6 + 8) \times 9 \times (9 + 8^5)$
606476 $:= (6 + 7) \times (-4 + 6^{06})$
614653 $:= -3 + 56^4/16$
624683 $:= ((38 + 6)^4 + 2)/6$
625687 $:= (786 + 5)^2 + 6$
629856 $:= 6^5 \times (89 - 2 - 6)$

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$640024 := 4 \times (20^{04} + 6)$
$652808 := 808^2 - 56$
$655354 := 4 \times (5+3)^5 \times 5 - 6$
$655384 := (4^8 + 3) \times (5+5) - 6$
$655584 := 4 \times (8^5 \times 5 + 56)$
$656187 := 7 \times (-8 - 1 + 6 \times 5^6)$
$656196 := 6 \times (-9 + (1+6) \times 5^6)$
$656376 := 6 \times 7 \times (-3 + 6 + 5^6)$
$658497 := (-7 + 94)^{8-5} - 6$
$663588 := ((8 + 8 \times 5)^3 + 6) \times 6$
$663759 := 9 \times (5^7 - 3^6 \times 6)$
$668736 := 6^{-3+7} \times 86 \times 6$
$671742 := -2 + 4^7 \times (-1 + 7 \times 6)$
$733824 := 42 \times 8 \times (-3 + 3^7)$
$734811 := (1 \times 18^4 - 3) \times 7$
$734824 := 4 \times (-2 + 84 \times 3^7)$
$742558 := (8+5)^5 \times 2 - 4 \times 7$
$746496 := 6 \times 9 \times (4 \times 6)^{-4+7}$
$753569 := (96 - 5)^3 + 5 - 7$
$753664 := 46 \times (6 + 3 - 5)^7$
$754279 := 97 \times (2+4)^5 + 7$
$759368 := ((8-6) \times 3 + 9)^5 - 7$
$759381 := -1 + (8 \times 3 - 9)^5 + 7$
$765276 := -6 + 7^2 \times (5^6 - 7)$
$765429 := (9-2) \times (-4 + 5^6) \times 7$
$765527 := 7^2 \times (5 + 5^6 - 7)$
$765597 := 7 \times (-9 + 5 + 5^6 \times 7)$
$765625 := (-5 + 2 \times 6) \times 5^6 \times 7$
$773879 := -97 \times 8^3 + 7^7$
$776887 := -(7 - 8/8)^6 + 7^7$
$786431 := -1 + 3 \times 4^{-6+8+7}$
$786583 := 3 \times (8^5 + 6) \times 8 + 7$
$792098 := 890^2 - 9 + 7$
$805295 := 5 \times ((9+2)^5 + 08)$
$822657 := (7 + (5 \times 6)^2)^2 + 8$
$823287 := 7^{8/2+3} - 2^8$
$823487 := 7 \times (-8 + (4+3)^{-2+8})$
$823527 := 7^{2 \times 5 - 3} - 2 \times 8$
$823543 := (3+4)^{5-3 \times 2+8}$
$823677 := 7^7 + 63 \times 2 + 8$
$827992 := (2+9) \times 97^2 \times 8$
$828092 := (2 + 908)^2 - 8$
$830536 := (-6 + (-3 + 50)^3) \times 8$
$839763 := 3 \times (6^7 + 9 - 3 \times 8)$
$839816 := 6^{1+8}/(9+3) + 8$
$843648 := (8 \times 4 - 6)^3 \times 48$
$845649 := (-9 + (46+5)^4)/8$
$851942 := (-2 + 4^{9-1}) \times (5+8)$
$851968 := 8^6 + 9 \times (-1+5)^8$
$852384 := (4^8 + 32) \times (5+8)$
$857157 := 7^5 \times (-1 \times 7 + 58)$
$857359 := 95^3 - (7-5) \times 8$
$857565 := (56-5) \times (7^5 + 8)$
$859375 := 5^7 \times (-3+9) + 5^8$
$885695 := 5 \times 9^6/(-5+8) + 8$
$885735 := 5 \times 3^{75-8 \times 8}$
$917495 := (5+9) \times 4^{7+1} - 9$
$923521 := (-1 + 2^5)^{-3-2+9}$
$937495 := -5 + (9-4)^7 \times (3+9)$
$937512 := (2 - 1 + 5^7) \times (3+9)$
$937524 := (4 - 2 + 5^7) \times (3+9)$
$937525 := 5^2 + 5^7 \times (3+9)$
$937536 := (6 - 3 + 5^7) \times (3+9)$
$937539 := (9+3) \times 5^7 + 39$
$937544 := 44 + 5^7 \times (3+9)$
$937548 := (8 - 4 + 5^7) \times (3+9)$
$944777 := -7 + (7+7+4)^4 \times 9$
$944784 := (4 + 8 \times 7/4)^4 \times 9$
$944811 := (-1 + 18^4 + 4) \times 9$
$944815 := -5 + (18^4 + 4) \times 9$
$970299 := 99^{(20+7)/9}$
$979767 := 7 \times 6^7/(9-7) - 9$

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From now onwards the results are with unnecessary extra brackets, such as, "(...)". After simplifications, these can be removed easily.

0012546 $:= -((6 \times ((4+5) - 2100)))$
0012565 $:= -((5 + (6 \times (5 - 2100))))$
0012625 $:= 5^2 + 6 \times 2100$
0013968 $:= -(((8 \times 6) \times (9 - (3 \times 100))))$
0014741 $:= ((((1 \times 4) + 7)^4) + 100)$
0015273 $:= -((3 \times ((7+2) - 5100)))$
0015325 $:= 5^2 + 3 \times 5100$
0015525 $:= (((5^{2+5})/5) - 100)$
0015545 $:= ((5 \times (4 + (5^5))) - 100)$
0015725 $:= (((5^{-2+7}) \times 5) + 100)$
0015984 $:= (4 \times ((8^{9-5}) - 100))$
0016284 $:= ((4 \times ((8/2)^6)) - 100)$
0016474 $:= ((((4^7) - 4) - 6) + 100)$
0016484 $:= ((4 \times ((8-4)^6)) + 100)$
0017388 $:= -((8 - ((8 \times (3^7)) - 100)))$
0017507 $:= ((7^{05}) + (7 \times 100))$
0019783 $:= ((3^{(8-7)\times 9}) + 100)$
0021485 $:= (5 \times (((8^4) + 1) + 200))$
0023528 $:= ((((8-2)^5) \times 3) + 200)$
0025472 $:= ((2^7) \times ((4-5) + 200))$
0025995 $:= -((5 \times ((9/9) - 5200)))$
0026995 $:= -((5 - (9 \times ((9+6) \times 200))))$
0028692 $:= -(((2 \times 9) \times (6 - (8 \times 200))))$
0032168 $:= (8 \times ((61^2) + 300))$
0032186 $:= -(((6+8) \times (1 - 2300)))$
0032468 $:= ((((8^6)/4)/2) - 300)$
0032495 $:= ((5 \times ((9^4) - 2)) - 300)$
0037692 $:= -(((2 \times 9) \times (6 - (7 \times 300))))$
0037795 $:= -((5 - (9 \times ((7+7) \times 300))))$
0042898 $:= (89 \times (82 + 400))$
0042984 $:= -((((4+8) \times 9) \times (2 - 400)))$
0046248 $:= -((8 - (((4+2)^6) - 400)))$
0046256 $:= (((6^{5+2})/6) - 400)$
0046655 $:= -((((5/5) - (6^6)) + (4 \times 00)))$
0046795 $:= -((5 - (9 \times ((7+6) \times 400))))$
0051896 $:= -(((6+98) \times (1 - 500)))$
0053995 $:= -((5 - (9 \times ((9+3) \times 500))))$
0054549 $:= (9 \times (((4+5)^4) - 500))$
0057362 $:= ((26 \times (3^7)) + 500)$
0059549 $:= ((9^{45/9}) + 500)$
0061697 $:= -(((7+96) \times (1 - 600)))$
0066128 $:= -((8 - ((2^{16}) + 600)))$
0066136 $:= (((6/3)^{16}) + 600)$
0068288 $:= -((8 \times ((8^2) - 8600)))$
0068448 $:= -((8 \times (44 - 8600)))$
0068728 $:= -((8 \times ((2+7) - 8600)))$
0068744 $:= -(((4+4) \times (7 - 8600)))$
0068825 $:= 5^2 + 8 \times 8600$
0078327 $:= ((7+2) \times (3 + 8700))$
0081498 $:= -(((8+94) \times (1 - 800)))$
0091698 $:= -((((8+9) \times 6) \times (1 - 900)))$
0096595 $:= -((5 - ((9+5) \times 6900)))$
0099315 $:= ((5 \times ((1 \times 3)^9)) + 900)$
0099325 $:= ((5 \times (2 + (3^9))) + 900)$
0104966 $:= ((((6^6) \times 9)/4) - 010)$
0112786 $:= ((((6 \times 8) \times 7)^2) - 110)$
0114768 $:= ((8 \times 6) \times (((7^4) \times 1) - 10))$
0114944 $:= ((4^4) \times (9 + (4 \times 110)))$
0116565 $:= -(((5 - (6^5)) \times ((6-1) + 10)))$
0117652 $:= (((((2+5)^6) - 7) \times 1) + 10)$
0117667 $:= ((7^6) - (6 \times ((7 \times 1) - 10)))$
0124396 $:= ((6 \times ((9+3)^4)) - (2 \times 10))$
0124426 $:= ((((6 \times 2)^4) \times (4+2)) + 10)$
0124436 $:= ((6 \times ((3 \times 4)^4)) + (2 \times 10))$
0124626 $:= ((6 \times ((2 \times 6)^4)) + 210)$
0125952 $:= (((2 \times 59) + 5) \times (2^{10}))$
0127125 $:= -(((5^{2+1}) \times (7 - (2^{10}))))$
0129125 $:= ((5^{2+1}) \times (9 + (2^{10})))$
0129585 $:= -((5 - ((((8 \times 5) \times 9)^2) - 10)))$
0134385 $:= (((5^{8-3}) \times 43) + 10)$
0135437 $:= ((((7 \times 3)^4) + 5) - (3^{10}))$
0136166 $:= (661 \times ((6^3) - 10))$
0137167 $:= -(((7 - ((6-1)^7)) - (3^{10})))$
0137175 $:= (((5^7) + (1^7)) + (3^{10}))$
0137862 $:= (2 \times ((((6 \times 8) - 7)^3) + 10))$

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0138235 $:= -((5-(((32-8)^3)\times 10)))$
0138753 $:= ((3^5)\times((7\times 83)-10))$
0138875 $:= -((5-(((7\times 8)\times 8)\times 310)))$
0139328 $:= ((8^2)\times((3\times(9^3))-10))$
0139648 $:= ((8\times 4)\times((6\times(9^3))-10))$
0142924 $:= (((42\times 9)^2)+(4\times 10))$
0143755 $:= ((5^5)+((7^3)\times 410))$
0143758 $:= (((((8\times 5)-7)^3)\times 4)+10)$
0144855 $:= (5\times(((5+8)^4)+410))$
0146535 $:= ((5^3)+(((5+6)^4)\times 10))$
0147466 $:= (((6\times 6)\times((4^7)/4))+10)$
0147479 $:= ((9\times(7+(4^7)))-(4\times 10))$
0147493 $:= -((3-((9\times(4^7))+(4\times 10))))$
0147496 $:= -((6-((9\times((4^7)+4))+10)))$
0155835 $:= -((5\times(3+((8-(5^5))\times 10))))$
0155895 $:= (5\times(9-((8-(5^5))\times 10)))$
0155955 $:= -((5\times(59-((5^5)\times 10))))$
0157546 $:= ((6^4)+(((5^7)/5)\times 10))$
0157713 $:= (3\times(1+(7\times 7510)))$
0159432 $:= ((2+((3^{4+9})-5))/10)$
0163745 $:= -((5-((((4^7)-3)-6)\times 10)))$
0171165 $:= (((5^6)\times 11)-710)$
0177147 $:= ((7-4)^{177+10})$
0177325 $:= -((5-(23\times 7710)))$
0178782 $:= ((((2^8)-7)\times(8+710))$
0179448 $:= -((8+((4^4)\times(9-710))))$
0183477 $:= (7\times(7+(4\times((3^8)-10))))$
0183714 $:= -(((4\times(1-(7\times(3^8))))-10))$
0183744 $:= -((4-(4\times((7\times(3^8))+10))))$
0183748 $:= ((8-4)\times((7\times(3^8))+10))$
0186622 $:= (((2+2)\times(6^6))+(8-10))$
0186624 $:= (((4+2)^6)\times((6+8)-10))$
0186625 $:= (5\times((2+((6^6)\times 8))/10))$
0186626 $:= (((6-2)\times(6^6))-(8-10))$
0186634 $:= ((4\times(3+(6^6)))+(8-10))$
0186641 $:= -((1-((4\times(6^6))+(8+10))))$
0186643 $:= -((3-((4\times((6^6)+8))-10)))$
0186674 $:= ((4\times(7+((6^6)+8)))-10)$
0186688 $:= (8\times(8-((6^6)/(8-10))))$
0189535 $:= -((5-(((3^5)-9)\times 810)))$
0194176 $:= (((6^{7+1})+(4^9))/10)$
0195312 $:= -(((((2\times 1)+3)-(5^9))/10))$
0195313 $:= ((((3-1)+3)+(5^9))/10)$
0195314 $:= ((((4+1)\times 3)+(5^9))/10)$
0195375 $:= (((5^{7-3})+(5^9))/10)$
0196518 $:= ((((8\times 1)^5)\times 6)-(9\times 10))$
0196584 $:= (((4-(8^5))\times 6)\times(9-10))$
0197365 $:= -((5-((6+(3^7))\times(9\times 10))))$
0216493 $:= (((3^9)\times((4+6)+1))-20)$
0227549 $:= ((((94\times 5)+7)^2)+20)$
0229587 $:= ((7\times(8^5))-(9-220))$
0232635 $:= -((5-(((3^6)-2)\times 320)))$
0233265 $:= ((5\times(((6^2)^3)-3))+(2\times 0))$
0233275 $:= -((5-(((7+2)^3)\times 320)))$
0233365 $:= (5\times((6^{3+3})-(3-20)))$
0233643 $:= -(((3+(4^6))\times(3-(3\times 20))))$
0234253 $:= (-3+5^2)^4-3+2\times 0$
0234256 $:= ((((6+5)\times 2)^4)+(32\times 0))$
0234375 $:= (((5^7)\times 3)+((4\times 32)\times 0))$
0234395 $:= (((5^{9/3+4})\times 3)+20)$
0235948 $:= -((8-(4\times((9^5)-(3\times 20)))))$
0238462 $:= -((2-(((6^4)\times 8)\times(3+20))))$
0245695 $:= -((5-((9\times 65)\times 420)))$
0247624 $:= ((4\times 26)\times((7^4)-20))$
0253245 $:= (((-((5-42))^3)\times 5)-(20))$
0257376 $:= ((6^7)-(3\times 7520))$
0257948 $:= ((((8^4)\times 9)\times 7)-(5\times 20))$
0261524 $:= ((4^{2\times 5-1})-620)$
0262122 $:= -((2-((2^{(1+2)\times 6})-20)))$
0262124 $:= (((((4+2)\times 1)+2)^6)-20)$
0262128 $:= (-((8\times 2))\times(1-(2^{-6+20})))$
0262137 $:= -(((7-(((3+1)\times 2)^6))+(2\times 0)))$
0262138 $:= (((((8^3)\times 1)^2)-6)+(2\times 0))$
0262157 $:= -((7-((((5-1)\times 2)^6)+20)))$
0262162 $:= -((2-((((6\times 1)+2)^6)+20)))$
0262164 $:= (((((4+6)\times 1)-2)^6)+20)$
0262168 $:= (((((8^6)\times 1)-2)+6)+20)$
0262224 $:= (4\times((2^{22-6})+20))$

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0262264 $:= ((4^{(6/2)^2}) + (6 \times 20))$
0262268 $:= ((((8^6) + 2) + 2) + (6 \times 20))$
0269568 $:= (8 \times ((6^{-5+9}) \times (6 + 20)))$
0273395 $:= (((5^{9/3}) \times (3^7)) + 20)$
0274432 $:= (((2^3)^4) \times (47 + 20))$
0278176 $:= ((6^7) - ((1 + 87) \times 20))$
0278816 $:= ((6^{-1+8}) - ((8 \times 7) \times 20))$
0279216 $:= ((6^{-1\times 2+9}) - (720))$
0279616 $:= ((6^{1+6}) - ((9 + 7) \times 20))$
0279796 $:= ((6^{9+7-9}) - (7 \times 20))$
0279916 $:= (((((6 \times 1) + 9) - 9)^7) - 20)$
0279953 $:= -((3 - (((5 + (9/9))^7) + 20)))$
0279956 $:= ((6^{(5+9)/(9-7)}) + 20)$
0280376 $:= ((6^7) + ((30 - 8) \times 20))$
0280776 $:= ((6^7) - (70 \times (8 - 20)))$
0285327 $:= ((7^2) \times (3 + 5820))$
0287776 $:= ((6^7) + (((7 \times 7) \times 8) \times 20))$
0294886 $:= -((6 - ((8 \times ((8^4) \times 9)) - 20)))$
0294891 $:= (-(1) + ((9 \times (8^{-4+9})) - (20)))$
0294892 $:= ((((2^{9+8})/4) \times 9) - 20)$
0294932 $:= ((((2^3)^{9-4}) \times 9) + 20)$
0294985 $:= -((5 \times (((8 - (9^4)) \times 9) - 20)))$
0294986 $:= (((6 + (8^{9-4})) \times 9) + 20)$
0295955 $:= (((5^5) \times 95) - 920)$
0296855 $:= (((5^5) \times (86 + 9)) - 20)$
0314462 $:= ((((2^6) + 4)^{4-1}) + 30)$
0316386 $:= (((6 + 8) \times (3^6)) \times (1 + 30))$
0325155 $:= ((5 \times ((51 \times 5)^2)) + 30)$
0326617 $:= -(((7 \times (1 - (6^6))) - (2 + 30)))$
0326652 $:= (((2 + 5) \times (6^6)) + (2 \times 30))$
0331446 $:= ((((6 \times 4)^4) \times 1) - 330)$
0331746 $:= (((6 \times 4)^{7\times 1-3}) - 30)$
0334656 $:= ((((6^5) + 6) \times 43) + 30)$
0354259 $:= (((9^5) \times (2 + 4)) - (5 + 30))$
0354294 $:= ((4 \times ((9^{2+4}) \times 5))/30)$
0371568 $:= (8 \times ((6^{5+1}) - (7 \times 30)))$
0373271 $:= ((((1 \times 72)^3) - 7) + 30)$
0373458 $:= (((8 \times (5 + 4))^3) + (7 \times 30))$
0376826 $:= -((6 + ((2^{8+6}) \times (7 - 30))))$
0376875 $:= -((5 - ((7 \times 8) \times 6730)))$
0377344 $:= (((4 + 4)^3) \times (7 + 730))$
0387337 $:= ((73^3) - ((7 \times 8) \times 30))$
0390355 $:= ((5^{5+3}) - (09 \times 30))$
0390385 $:= ((5^8) - ((30 \times 9) - 30))$
0390595 $:= (((5^9)/5) - ((0 \times 9) + 30))$
0390685 $:= (((5^8) + 60) + ((9/3) \times 0))$
0390985 $:= (((5^8) + 90) + (9 \times 30))$
0391195 $:= ((5^{9-1}) + (19 \times 30))$
0391555 $:= (((5 \times 5)^{5-1}) + 930)$
0392485 $:= ((5^8) + ((4 - 2) \times 930))$
0393246 $:= ((6 \times (4^{2-3+9})) + 30)$
0393475 $:= -((5 \times (7 - ((4 \times (3^9)) - 30))))$
0393564 $:= (4 \times (6 + ((5 \times (3^9)) - 30)))$
0393594 $:= -(((4 \times (9 - (5 \times (3^9)))) + 30))$
0395245 $:= -((5 - (425 \times 930)))$
0396175 $:= -((5 - ((71 \times 6) \times 930)))$
0411773 $:= (((3 + (7^7))/(1 + 1)) + (4 \times 0))$
0458668 $:= -(((8 + 6) \times ((6 - (8^5)) + (4 \times 0))))$
0458712 $:= ((((2 \times 1) \times 7) \times (8^5)) - 40)$
0458752 $:= ((((2 + 5) + 7) \times (8^5)) + (4 \times 0))$
0458792 $:= -(((((2 - 9) - 7) \times (8^5)) - 40))$
0458827 $:= ((7 \times ((2^{8+8}) + 5)) + 40)$
0466555 $:= -((5 - (((5 + 5) \times (6^6)) + (4 \times 0))))$
0466652 $:= (2 \times ((5 \times (6^6)) + (6 + 40)))$
0483113 $:= ((3 \times (11^{-3+8})) - 40)$
0493839 $:= (((9 \times (38^3)) - 9) + (4 \times 0))$
0497624 $:= (((4^2) \times ((6^7)/9)) - 40)$
0516348 $:= -((84 \times (3 - 6150)))$
0522192 $:= (((((2^9) - 1)^2) \times 2) - 50)$
0523848 $:= (8 \times ((((4^8) - 3) - 2) - 50))$
0523888 $:= (8 \times (((8^{8-3}) \times 2) - 50))$
0524188 $:= (((8^{8-1})/4) - (2 \times 50))$
0524234 $:= -((4 - (((32^4)/2) - 50)))$
0524238 $:= (((((8^3)^2) \times 4)/2) - 50)$
0524329 $:= -((9 - ((2^{3+4^2}) + 50)))$
0524338 $:= (((8^{3+3}) \times (4 - 2)) + 50)$
0524346 $:= ((((64^3) + 4) \times 2) + 50)$
0524688 $:= (8 \times (((8 - 6)^{4^2}) + 50))$

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0525888 $:= ((8+8)\times((8^5)+(2\times 50)))$
0527488 $:= ((8\times 8)\times(((4^7)/2)+50))$
0531391 $:= (((1\times 9)^{(3-1)\times 3})-50)$
0531393 $:= ((3^{9+3})-((1-3)+50))$
0531491 $:= (((1\times 9)^{4-1+3})+50)$
0531493 $:= (((((3\times 9)^4)-1)+3)+50)$
0531591 $:= (((1\times 9)^{5+1})+(3\times 50))$
0531791 $:= (((1\times 9)^{7-1})+350)$
0532272 $:= -(((2^7)-((22^3)\times 50)))$
0533736 $:= (((6^3)\times 7)\times(3+350))$
0546757 $:= ((7\times((5^7)-(6\times 4)))+50)$
0546775 $:= (((5^7)\times 7)-((6-4)\times 50))$
0547075 $:= (((5^7)\times 07)+(4\times 50))$
0548864 $:= ((4^6)\times((88-4)+50))$
0556271 $:= -((1-(72\times((6^5)-50))))$
0583879 $:= (((97-8)\times(3^8))-50)$
0589424 $:= ((((4^2)^4)\times 9)-(8\times 50))$
0589841 $:= ((((1+(4^8))\times 9)+8)+(5\times 0))$
0589842 $:= (((2+(4^8))\times 9)+((8\times 5)\times 0))$
0589843 $:= ((((3+(4^8))\times 9)-8)+(5\times 0))$
0589882 $:= (((2^{8+8})\times 9)+(8+50))$
0599375 $:= ((5^{7-3})\times(9+950))$
0614597 $:= (((7\times(9-5))^4)+(1-60))$
0614715 $:= (((((5-1)\times 7)^4)-1)+60)$
0622592 $:= -(((2^{9+5})\times(22-60)))$
0622744 $:= -(((4+(4^7))\times(22-60)))$
0623475 $:= -((5-(((7^4)-3)\times 260)))$
0624255 $:= -((5-(((5+2)^4)\times 260)))$
0629496 $:= (6\times((((9\times 4)\times 9)^2)-60))$
0635993 $:= -((3-((((9\times 9)+5)^3)-60)))$
0640264 $:= (4\times(6+((20^4)+60)))$
0649479 $:= (((9\times(7+4))\times(9^4))-60)$
0655378 $:= (((87^3)-(5^5))+(6\times 0))$
0657813 $:= ((31+8)\times((7^5)+60))$
0694656 $:= -((((6^5)/6)\times(4-(9\times 60))))$
0698875 $:= -((5-(78\times 8960)))$
0699835 $:= -((5-(((3^8)/9)\times 960)))$
0737495 $:= (5\times((9\times((4^7)-3))+70))$
0746426 $:= (((((6/2)\times 4)^6)/4)-70)$
0746488 $:= -(((8-(((8+4)^6)/4))+(7\times 0)))$
0759445 $:= (((((5\times 4)+4)-9)^5)+70)$
0762799 $:= (((9\times 97)^2)+670)$
0765695 $:= -((((5-(9\times 6))\times(5^6))-70))$
0823297 $:= ((7^{9-2})-(3\times(2+80)))$
0823377 $:= ((((7^7)-3)-3)-(2\times 80))$
0823461 $:= (((1+6)^{4+3})-(2+80))$
0823477 $:= ((7^7)+(((4\times 3)+2)-80))$
0823617 $:= ((7^{1+6})-((3\times 2)-80))$
0823677 $:= ((7^7)+(((6^3)-2)-80))$
0824256 $:= ((6^5)\times((24+2)+80))$
0824544 $:= ((4\times(454^2))+80)$
0830497 $:= -((7-((94^{03})-80)))$
0831875 $:= ((5\times(((7\times 8)-1)^3))+(8\times 0))$
0839728 $:= (((((8-2)^7)\times 9)/3)-80)$
0839776 $:= (((((6^7)+7)+9)\times 3)-80)$
0852329 $:= ((923^2)+(5\times 80))$
0885743 $:= ((((3^{4+7})\times 5)+8)+(8\times 0))$
0885935 $:= (((5\times 3)\times((9^5)+8))+80)$
0937593 $:= (((3+9)\times(5^7))+(3+90))$
0979776 $:= ((((6^7)\times 7)/(9-7))+(9\times 0))$
1036324 $:= (((4^{2+3})-6)^{3-01})$
1038944 $:= (4\times((4^9)-(8\times 301)))$
1042568 $:= 8\times(-6+5^2)^4\times 01$
1047573 $:= ((3^7)\times(((5+7)\times 40)-1))$
1048448 $:= -(((8\times 4)\times(4-(8^{4+01}))))$
1048479 $:= ((97-((4\times 8)^4))\times(0-1))$
1048488 $:= ((88-((4\times 8)^4))\times(0-1))$
1048497 $:= ((79-((4\times 8)^4))\times(0-1))$
1048528 $:= (((((8\times 2)^5)-8)-40)\times 1)$
1048544 $:= (((((4\times 4)^5)+8)-40)\times 1)$
1048572 $:= ((2^{7+5+8})-(4\times 01))$
1048573 $:= -((3-(((7-5)\times 8)^{4+01})))$
1048575 $:= (((((5\times 7)+5)-8)^4)-01)$
1048576 $:= (((((6-7)+5)\times 8)^4)\times 01)$
1048577 $:= ((-7/7+5)\times 8)^4+01$
1048579 $:= (((((9+7)^5)+8)-4)-01)$
1048581 $:= (((1+((8^5)\times 8))\times 4)+01)$
1048588 $:= (((((8+8)^5)+8)+4)\times 01)$

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1048608 $:= ((((8^{06}) + 8) \times 4) \times 01)$
1048826 $:= -((6 - ((2^8) \times ((8^4) + 01))))$
1048968 $:= ((((8^6) + 98) \times 4) \times 01)$
1062892 $:= (2 \times ((9^{8-2}) + (6 - 01)))$
1066368 $:= (((8^6) \times 3) + (6^{6+01}))$
1071637 $:= (7 \times (((3^{6+1}) \times 70) + 1))$
1119762 $:= (((2 \times (6^7)) + 9) \times ((1 \times 1) + 1))$
1119764 $:= ((4 \times (6^7)) + ((9 \times 1) + 11))$
1124863 $:= (((((3 \times 6) + 8) \times 4)^{2+1}) - 1)$
1124864 $:= (-((4 \times (6 - (8 \times 4))))^{2\times 1+1})$
1138489 $:= ((984 + 83)^{1+1})$
1143582 $:= (((-((2 - 85))^3) + (4)) \times (1 + 1))$
1156547 $:= ((74 \times (((5^6) + 5) - 1)) + 1)$
1157665 $:= (5 \times ((6^6) + ((7^5) \times 11)))$
1166125 $:= ((5^2) \times (((1 \times 6)^6) - 11))$
1166325 $:= -(((5^2) \times (3 - (((6^6) + 1) - 1))))$
1166355 $:= -((5 \times ((5 \times (3 - ((6^6) + 1))) - 1)))$
1166374 $:= ((((4 \times 7) - 3) \times ((6^6) - 1)) - 1)$
1166395 $:= (5 \times ((((9 - 3)^6) \times (6 - 1)) - 1))$
1166425 $:= ((5^{-2+4}) \times (((6^6) + 1) \times 1))$
1166525 $:= ((5^2) \times (5 + (((6^6) + 1) - 1)))$
1166555 $:= (5 \times ((5 \times (5 + ((6^6) + 1))) + 1))$
1171853 $:= ((3 \times (((5^8) - 1) - 7)) + (1 + 1))$
1171875 $:= ((5^7) \times ((((8 - 1) + 7) \times 1) + 1))$
1179644 $:= (4 \times ((((4^6) \times 9) \times (7 + 1)) - 1))$
1179648 $:= (8 \times (((4 \times 6) \times (9 + 7))^{1+1}))$
1185408 $:= (((80 + 4)^{-5+8}) \times (1 + 1))$
1185921 $:= (-1 + 29 + 5)^{8/(1+1)}$
1187652 $:= ((2 + (5^6)) \times ((78 - 1) - 1))$
1192463 $:= ((((364^2) \times 9) - 1) \times 1)$
1193857 $:= (((-((7 - 58))^3) \times 9) - (1 + 1))$
1194832 $:= (2 \times ((((3^8) + 4) \times 91) + 1))$
1225043 $:= (((3 \times (40 - 5)) + 2)^{2+1})$
1229312 $:= (2 \times ((1 + (3 \times 9))^{2+2\times 1}))$
1229328 $:= (8 \times (2 + ((392^2) \times 1)))$
1229368 $:= (8 \times (6 + ((392^2) + 1)))$
1229474 $:= ((((4 \times 7)^4) + (9^2)) \times (2 \times 1))$
1235277 $:= (((((7^7) - 25) \times 3)/2) \times 1)$
1235377 $:= ((((7^7) \times 3) + (5^3))/(2 \times 1))$
1237249 $:= (((9 + 4)^2) \times 7321)$
1240113 $:= ((((3 \times 1)^{10}) + 4) \times 21)$
1243225 $:= ((5 \times 223)^{4-2\times 1})$
1245184 $:= ((4^8) \times ((((1 \times 5) + 4) \times 2) + 1))$
1249375 $:= ((((5^7) - 39) \times (4^2)) - 1)$
1254144 $:= ((4^4) \times (((14 \times 5)^2) - 1))$
1254399 $:= ((((99 - 3) + (4^5))^2) - 1)$
1257728 $:= ((8/2) \times (-((7 - 75))^{2+1}))$
1257744 $:= (-(4) \times (-(4) - (-((7 - 75))^{2+1})))$
1259328 $:= ((8^2) \times ((((3^9) - 5) - 2) + 1))$
1259711 $:= (((117 - 9)^{5-2}) - 1)$
1259712 $:= ((2^{-1+7}) \times ((9^5)/(2 + 1)))$
1265382 $:= -(((2 - 83) \times (((5^6) - 2) - 1)))$
1265399 $:= -(((9 \times ((9 \times (3 - (5^6))) - 2)) + 1))$
1265472 $:= ((2 + 7) \times (-((4 - 56))^{2+1}))$
1265664 $:= -(((4^6) \times (6 - (5 \times (62 + 1)))))$
1265786 $:= -((((6 - 87) \times ((5^6) + 2)) + 1))$
1265788 $:= (((88 - 7) \times ((5^6) + 2)) + 1)$
1272368 $:= (((86^3) + (2^7)) \times (2 \times 1))$
1272383 $:= (3 \times (-8 + 3 \times 2^7))^2 - 1$
1274641 $:= ((1 + ((4 \times 6) \times 47))^2 \times 1)$
1276899 $:= (-9 + (9 + 8) \times 67)^2 - 1$
1277408 $:= ((80 - 4) \times ((7^{7-2}) + 1))$
1277952 $:= ((2^{5+9}) \times ((7 + 72) - 1))$
1279365 $:= -((5 \times (6 - ((3^9) \times ((7 \times 2) - 1)))))$
1279394 $:= ((((4 + 9) \times (3^9)) \times (7 - 2)) - 1)$
1279395 $:= ((5 \times ((9/3)^9)) \times ((7 \times 2) - 1))$
1288411 $:= ((((11^4) \times 88) + 2) + 1)$
1288429 $:= ((((9 + 2)^4) \times 88) + 21)$
1294139 $:= (((9 + 3) - 1) \times (49^{2+1}))$
1295029 $:= ((9 + (20 \times 5))^{9/(2+1)})$
1299375 $:= ((5^{7-3}) \times (99 \times 21))$
1310725 $:= (5 \times ((2^{(7-01)\times 3}) + 1))$
1325424 $:= (424 \times ((5^{2+3}) + 1))$
1327757 $:= (((7^5) \times (7 + 72)) + (3 + 1))$
1328319 $:= (9 \times (-1 + 3 \times 8))^2 \times 31$
1328465 $:= (((5^6) + 4) \times ((82 + 3) \times 1))$
1336243 $:= ((34^{-2+6}) - ((3 \times 31)))$
1336336 $:= (((6 \times (3 + 3)) - (6/3))^{3+1})$

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1337472 $:= (((2^7) + (4^7)) \times (3^{3+1}))$
1338649 $:= (((9+4) \times (6+83))^{3-1})$
1342374 $:= ((473^2) \times ((4+3) - 1))$
1343488 $:= -(((8 \times (8^4)) \times ((3-43) - 1)))$
1344557 $:= ((((((7^5) \times 5) \times 4) \times 4) - 3) \times 1)$
1344575 $:= (5 \times (((((7^5) \times 4) \times 4) + 3) \times 1))$
1344896 $:= (((6^9)/8) + ((44^3) \times 1))$
1346875 $:= ((5^{7-8+6}) \times 431)$
1348237 $:= ((73^2) \times ((84 \times 3) + 1))$
1353594 $:= (((4^9) \times 5) + ((35^3) - 1))$
1358196 $:= (69 \times ((((1+8)^5)/3) + 1))$
1361367 $:= (7 \times (((6-3) \times (1+6))^{3+1}))$
1362942 $:= (2 \times ((-((4-92))^{6-3}) - 1))$
1364769 $:= (9 \times ((6 + (7^4)) \times (63 \times 1)))$
1367185 $:= ((((((5^8) - 1) \times 7)/6) \times 3) + 1)$
1367631 $:= (-(((1-36) - 76))^3 \times 1)$
1369598 $:= (((((8 \times 9) + 5)^{9-6}) \times 3) - 1)$
1371249 $:= ((9^4) \times ((21 \times (7+3)) - 1))$
1372104 $:= (4012 \times ((7^3) - 1))$
1372567 $:= ((((((7^6) \times 5) - 2) \times 7)/3) \times 1)$
1372575 $:= ((((5 \times (7^{5+2})) + 7)/3) + 1)$
1372585 $:= (5 \times ((8 + ((5+2)^7))/(3 \times 1)))$
1375896 $:= -((6 \times (((9 - (8^5)) \times 7) - (3 \times 1))))$
1376244 $:= -(((4 - ((4^{2+6}) \times 7)) \times (3 \times 1)))$
1376248 $:= -((8 - ((4^{2+6}) \times ((7 \times 3) \times 1))))$
1376588 $:= (((8 + (8^5)) \times (6 \times 7)) - (3+1))$
1378539 $:= ((9^3) \times ((5 + (8 \times 7)) \times 31))$
1382399 $:= (-9 + 9^3)^2 \times 8/3 - 1$
1382927 $:= (7 \times (2 + (9 \times ((28^3) - 1))))$
1382947 $:= -(((7 \times (4 - (9 \times (28^3)))) + 1))$
1382973 $:= -((3 - ((7 \times 9) \times ((28^3) \times 1))))$
1384448 $:= ((8^4) \times (((4^4) + 83) - 1))$
1396555 $:= -(((5^5) - (5 \times (6^{9-3+1}))))$
1397493 $:= ((3^9) \times (4 + (((7 \times 9) + 3) + 1)))$
1399655 $:= -((5 \times (5 - (6^{(9+9)/3+1}))))$
1399665 $:= (5 \times ((6^{6+9/9}) - (3 \times 1)))$
1399676 $:= ((6^7) + ((((6^9)/9) - 3) - 1))$
1399685 $:= (5 \times (((8 \times 6) \times ((9+9)^3)) + 1))$
1399765 $:= ((5 \times (6^7)) + (((9 \times 9) + 3) + 1))$
1404928 $:= ((8 \times ((2 \times 9) - 4))^{04-1})$
1405536 $:= 6 \times (-3 + 5 \times 5)^{04} \times 1$
1411773 $:= (3 \times ((((7^{7-1}) - 1) \times 4) - 1))$
1416959 $:= ((((((9^5) - 9) \times 6) \times 1) \times 4) - 1)$
1417496 $:= ((((((6+9)^4) \times 7) - 1) \times 4) \times 1)$
1419837 $:= -(((7 \times 3) - (((8+9)^{1+4}) + 1)))$
1419842 $:= -(((2^4) - (((8+9)^{1+4}) + 1)))$
1419846 $:= -6 - 4 + (8+9)^{1+4} - 1$
1419847 $:= -7 - 4 + (8+9)^{1+4} + 1$
1419851 $:= -(((1 \times 5) - (((8+9)^{1+4}) - 1)))$
1419855 $:= -(((5/5) - (((8+9)^{1+4}) - 1)))$
1419856 $:= (((((6-5) \times 8) + 9)^{1+4}) - 1)$
1419857 $:= (((((7 \times 5) - 8) - 9) - 1)^{4+1})$
1419861 $:= -(((1-6) - (((8+9)^{1+4}) - 1)))$
1419862 $:= -(((2-6) - (((8+9)^{1+4}) + 1)))$
1419872 $:= ((2 \times 7) + (((8+9)^{1+4}) + 1))$
1419894 $:= ((4 \times 9) + (((8+9)^{1+4}) + 1))$
1428846 $:= (6 \times (((488^2) - 4) + 1))$
1431643 $:= ((((((3 \times 4) \times 6) - 1)^3) \times 4) - 1)$
1431765 $:= ((((5 \times 6) + (71^3)) \times 4) + 1)$
1431772 $:= ((2^7) + (((71^3) \times 4) \times 1))$
1434631 $:= -(((1 - (((3 \times 6)^4)/3)) \times 41))$
1434666 $:= -((6 - ((((6^6)/4) \times 3) \times 41)))$
1434672 $:= ((2+7) \times (((6^4) \times 3) \times 41))$
1437465 $:= (5 \times (((6 \times (4+7))^3) - (4-1)))$
1439665 $:= -((5 + ((6 - (6^9))/((3+4) \times 1))))$
1439671 $:= (((1^7) + (6^9))/((3+4) \times 1))$
1441197 $:= ((((7^{9-1}) - 1)/4) - (4-1))$
1441792 $:= ((2^{9+7-1}) \times (44 \times 1))$
1442488 $:= (8 \times ((((8^4) + 2) \times 44) - 1))$
1442897 $:= (((7+98) + (2 \times 4))^{4-1})$
1446336 $:= -(((6^{3+3}) \times ((6+4) - 41)))$
1449459 $:= (9 \times (-(((5-49)/4))^{4+1}))$
1459838 $:= -((8 - (38 \times (((9+5)^4) + 1))))$
1459846 $:= ((6 + (4 \times 8)) \times (((9+5)^4) + 1))$
1468481 $:= ((((18^4) + (8^6)) \times 4) + 1)$
1471888 $:= -((88 \times (81 - (7^{4+1}))))$
1473335 $:= ((5 + ((33^3) - 7)) \times 41)$
1473704 $:= ((((40-7)^3) + 7) \times 41)$

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1474109 $:= -(((90 \times (1 - ((4^7) - 4))) + 1))$
1474199 $:= (((9 \times (9 + 1)) \times ((4^7) - 4)) - 1)$
1474536 $:= (6 \times (((3 \times 5) \times (4^7)) - (4 \times 1)))$
1474635 $:= ((5 \times 3) \times ((6 \times (4^7)) + (4 + 1)))$
1474695 $:= (5 \times ((9 + (6 \times (4^7))) \times (4 - 1)))$
1474919 $:= ((((9 + 1) \times 9) \times ((4^7) + 4)) - 1)$
1474925 $:= (5 \times (((2 \times 9) \times ((4^7) + 4)) + 1))$
1475925 $:= ((5^2) \times ((((9^5) - 7) - 4) - 1))$
1475955 $:= (5 \times ((5 \times (((9^5) - 7) - 4)) + 1))$
1476734 $:= ((4 + (3^7)) \times (674 \times 1))$
1478575 $:= -(((((5 - (7^5)) \times 8) \times (7 + 4)) + 1))$
1479808 $:= ((80 + 8) \times (9 + (7^{4+1})))$
1482752 $:= ((2 + (5 \times 72)) \times ((8^4) \times 1))$
1483524 $:= ((42^{5-3}) \times 841)$
1484375 $:= ((5^7) \times ((((3 + 4) + 8) + 4) \times 1))$
1485139 $:= ((((((9 + 3) + 1)^5) - 8) \times 4) - 1)$
1485141 $:= (((((14 - 1)^5) - 8) \times 4) + 1)$
1485172 $:= ((((2 \times 7) - 1)^5) \times ((8 - 4) \times 1))$
1485344 $:= (4 \times (43 + ((5 + 8)^{4+1})))$
1486485 $:= -(((5 - (8 \times 46)) \times ((8^4) - 1)))$
1492263 $:= -(((3^6) \times (2 - (((2^9) \times 4) + 1))))$
1492864 $:= ((4 - (6^{8-2})) \times (9 - 41))$
1493027 $:= ((((72^{03}) + 9) \times 4) - 1)$
1495867 $:= ((76 \times ((8 - 5)^9)) - 41)$
1500625 $:= (-5^2 + 60)^{05-1}$
1503769 $:= (((9 - (67^3)) \times (0 - 5)) - 1)$
1518742 $:= -((2 \times (4 - ((((7 + 8) \times 1)^5) \times 1))))$
1518748 $:= ((8/4) \times ((((7 + 8) \times 1)^5) - 1))$
1518752 $:= (2 \times ((-((((5 - 7) \times 8) + 1))^5) + 1))$
1518756 $:= (-(6) \times ((-(5) \times ((7 + 8)^{-1+5})) - 1))$
1518762 $:= (2 \times (6 + ((((7 + 8) \times 1)^5) \times 1)))$
1527696 $:= (((6 \times (96 + 7))^2) \times (5 - 1))$
1532645 $:= (((((5^4) - 6) \times 2)^{-3+5}) + 1)$
1535883 $:= (3 \times ((8 \times (((8 \times 5)^3) - 5)) + 1))$
1536153 $:= (3 \times (((5 \times 16)^3) + 51))$
1541835 $:= ((5 \times (3^8)) \times ((1 + 45) + 1))$
1548288 $:= (((8^{8-2}) - (8^4)) \times (5 + 1))$
1548384 $:= (-4 + 8^3)^{8/4} \times (5 + 1)$
1555848 $:= (8 \times ((4 + (85/5))^{5-1}))$
1560447 $:= (((7^4) - 4) \times 0651)$
1562452 $:= (((25^4) - (2 \times 6)) \times (5 - 1))$
1562492 $:= -(((2 - ((9 - 4)^{2+6})) \times (5 - 1)))$
1562494 $:= ((4 \times ((9 - 4)^{2+6})) - (5 + 1))$
1562495 $:= -((5 - (((9 - 4)^{2+6}) \times (5 - 1))))$
1562512 $:= (2 + 1 + 5^{2+6}) \times (5 - 1)$
1562524 $:= (4 + 2 + 5^{2+6}) \times (5 - 1)$
1562525 $:= 5^2 + 5^{2+6} \times (5 - 1)$
1562532 $:= (2^3 + 5^{2+6}) \times (5 - 1)$
1562536 $:= (6 + 3 + 5^{2+6}) \times (5 - 1)$
1562548 $:= (8 + 4 + 5^{2+6}) \times (5 - 1)$
1562551 $:= -((((1 - 5) \times (5^{2+6})) - 51))$
1562755 $:= -((5 \times (((5^7) \times (2 - 6)) - 51)))$
1562775 $:= ((5 + ((7 + 7)^2)) \times ((6^5) - 1))$
1562976 $:= (((67 \times 9) \times 2) \times (6^{5-1}))$
1566957 $:= (((7^{-5+9}) + (6)) \times 651)$
1572594 $:= ((((4^9) - 52) + 7) \times (5 + 1))$
1572732 $:= (((237^2) \times 7) \times (5 - 1))$
1572768 $:= (((((8^6) - 7) - 2) - 7) \times (5 + 1))$
1572822 $:= (((2^{2\times 8+2}) - 7) \times (5 + 1))$
1572841 $:= -(((((1 - (4^8)) \times 2) \times (7 + 5)) - 1))$
1572862 $:= -((2 - (6 \times ((8^2)^{7-5+1}))))$
1572863 $:= ((3 \times (-((6 - 8))^{2\times 7+5})) - 1)$
1572864 $:= ((4^{6+8+2-7}) \times (5 + 1))$
1572868 $:= -((((8^6) \times (8 - (2 \times 7))) - (5 - 1)))$
1572869 $:= ((96 \times ((8/2)^7)) + (5 \times 1))$
1572944 $:= -((4 - (((4^9) + (2 \times 7)) \times (5 + 1))))$
1572947 $:= (((7 + ((4^9)/2)) \times (7 + 5)) - 1)$
1572948 $:= ((((8 - 4)^9) + (2 \times 7)) \times (5 + 1))$
1579854 $:= -((4 - ((5 + 89) \times ((7^5) \times 1))))$
1579857 $:= -((((7^5) \times ((8 - 97) - 5)) + 1))$
1579859 $:= ((((95 + 8) - 9) \times (7^5)) + 1)$
1579951 $:= -((1 + ((5 - 99) \times ((7^5) + 1))))$
1586375 $:= -((((5 \times 7)^3) \times ((6 + 8) - 51)))$
1589976 $:= ((((6^7)/9) + (9 \times 8)) \times 51)$
1592645 $:= (((((5^4) + 6)^2) \times (9 - 5)) + 1)$
1593369 $:= ((((9^6) \times 3) - 3) - 951)$
1593837 $:= ((73 + 8) \times (((3^9) - 5) - 1))$
1593909 $:= (9 \times ((09 \times ((3^9) - 5)) - 1))$

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1593918 $:= (81 \times ((((9/3)^9) - 5) \times 1))$
1593919 $:= ((((9 \times 1) \times 9) \times ((3^9) - 5)) + 1)$
1593927 $:= ((7 + 2) \times ((9 \times ((3^9) - 5)) + 1))$
1593972 $:= -((27 \times ((9 + 3) - ((9^5) - 1))))$
1593989 $:= ((9 \times (8 + (9 \times ((3^9) - 5)))) - 1)$
1593999 $:= ((9 \times 9) \times ((((9/3)^9) - 5) + 1))$
1594266 $:= -((6 - (((6/2)^{4+9}) - 51)))$
1594272 $:= ((-(((2 - 7) + 2))^{4+9}) - (51))$
1594293 $:= ((((3^{9+2}) - 4) \times 9) + (5 + 1))$
1594296 $:= ((((6 \times 9) \times 2)/4) \times ((9^5) - 1))$
1594309 $:= -((9 - ((03^{4+9}) - (5 \times 1))))$
1594311 $:= (((1 - 1) - 3) \times (4 - (9^{5+1})))$
1594312 $:= ((2 - 1) - (3 \times (4 - (9^{5+1}))))$
1594313 $:= (((((3^{13}) + 4) - 9) - 5) \times 1)$
1594314 $:= ((4 - 1) - (3 \times (4 - (9^{5+1}))))$
1594315 $:= ((5 - 1) - (3 \times (4 - (9^{5+1}))))$
1594316 $:= ((6 - 1) - (3 \times (4 - (9^{5+1}))))$
1594317 $:= ((((7 - 1) - 3)^{4+9}) - (5 + 1))$
1594318 $:= ((((8 + 1)/3)^{4+9}) - (5 \times 1))$
1594319 $:= ((((9 \times 1)/3)^{4+9}) - (5 - 1))$
1594321 $:= ((1 \times 2) + ((3^{4+9}) - (5 - 1)))$
1594322 $:= ((2 + 2) + ((3^{4+9}) - (5 \times 1)))$
1594323 $:= 3^{2^3/4 \times 9 - 5 \times 1}$
1594324 $:= ((4 + 2) + ((3^{4+9}) - (5 \times 1)))$
1594325 $:= ((5 + 2) + ((3^{4+9}) - (5 \times 1)))$
1594326 $:= ((6 + 2) + ((3^{4+9}) - (5 \times 1)))$
1594327 $:= ((((7 + 2)/3)^{4+9}) + (5 - 1))$
1594328 $:= ((((8 - 2) - 3)^{4+9}) + (5 \times 1))$
1594329 $:= (((9 - (2 \times 3))^{4+9}) + (5 + 1))$
1594341 $:= (14 + ((3^{4+9}) + (5 - 1)))$
1594342 $:= (24 + ((3^{4+9}) - (5 \times 1)))$
1594344 $:= ((4 \times 4) + ((3^{4+9}) + (5 \times 1)))$
1594347 $:= ((7 \times 4) + ((3^{4+9}) - (5 - 1)))$
1594352 $:= (25 + ((3^{4+9}) + (5 - 1)))$
1594353 $:= (35 + ((3^{4+9}) - (5 \times 1)))$
1594354 $:= -(((4 \times 5) - ((3^{4+9}) + 51)))$
1594358 $:= ((8 \times 5) + ((3^{4+9}) - (5 \times 1)))$
1594359 $:= -((9 \times (5 - (3 \times (4 + ((9^5) - 1))))))$
1594362 $:= -(((2 \times 6) - ((3^{4+9}) + 51)))$
1594363 $:= (36 + ((3^{4+9}) + (5 - 1)))$
1594364 $:= (46 + ((3^{4+9}) - (5 \times 1)))$
1594365 $:= ((5 \times 6) + (3 \times (4 + (9^{5+1}))))$
1594367 $:= -((7 - (((6 - 3)^{4+9}) + 51)))$
1594369 $:= (((((9^6) \times 3) + 4) - 9) + 51)$
1594374 $:= (47 + ((3^{4+9}) + (5 - 1)))$
1594375 $:= (57 + ((3^{4+9}) - (5 \times 1)))$
1594377 $:= ((7 \times 7) + ((3^{4+9}) + (5 \times 1)))$
1594379 $:= (((((9^7)/3) - 4) + 9) + 51)$
1594381 $:= -(((1 - 8) - ((3^{4+9}) + 51)))$
1594383 $:= (3 \times (((8 \times 3) - 4) + (9^{5+1})))$
1594385 $:= (58 + ((3^{4+9}) + (5 - 1)))$
1594386 $:= (68 + ((3^{4+9}) - (5 \times 1)))$
1594389 $:= ((9 \times 8) + ((3^{4+9}) - (5 + 1)))$
1594392 $:= ((2 \times 9) + ((3^{4+9}) + 51))$
1594396 $:= (69 + ((3^{4+9}) + (5 - 1)))$
1594397 $:= (79 + ((3^{4+9}) - (5 \times 1)))$
1594399 $:= ((9 \times 9) + ((3^{4+9}) - (5 \times 1)))$
1594432 $:= (((23 + 4) \times (4 + (9^5))) + 1)$
1594443 $:= (3 \times ((44 - 4) + (9^{5+1})))$
1594539 $:= ((9 \times 3) \times ((5 + 4) + ((9^5) - 1)))$
1594593 $:= ((3 \times 9) \times ((5 + 4) + ((9^5) + 1)))$
1594729 $:= (((9^2) \times (((7 - 4)^9) + 5)) + 1)$
1595283 $:= (3 \times (((8^2) \times 5) + (9^{5+1})))$
1595534 $:= -((4 - ((3^5) \times (5 + (9^{5-1})))))$
1595759 $:= ((95 \times ((7^5) - 9)) - 51)$
1595791 $:= (19 \times ((((7^5) - 9) \times 5) - 1))$
1601494 $:= (((4 \times (9^4)) + 10) \times 61)$
1605877 $:= ((7 \times 7) \times (((8^5) + 06) - 1))$
1622388 $:= ((((8 + (8^3))^2) - 2) \times (6 \times 1))$
1625523 $:= (3 + (-2 + 5^5)^2)/6 + 1$
1627595 $:= (((((5^9) \times 5) - (7^2))/6) - 1)$
1632925 $:= -(((5 \times (2 - 9)) \times (((2 \times 3)^6) - 1)))$
1633689 $:= ((9 \times (86 - 3)) \times (3^{6+1}))$
1638405 $:= ((50 \times ((4 \times 8)^3)) + (6 - 1))$
1638415 $:= (((5 \times ((1 \times 4)^8)) + 3) \times (6 - 1))$
1638425 $:= -((5 \times ((2 - ((4^8) + 3)) \times (6 - 1))))$
1646977 $:= -(((((7^7) - (9 \times 6)) \times (4 - 6)) + 1))$
1646994 $:= (((4 \times 99) + 6) \times ((4^6) + 1))$

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1647072 := $((2\times((7^{07})-4))-(6\times 1))$
1647075 := $(((5-(7^{07}))\times(4-6))-1)$
1647078 := $-((8+((7^{07})\times((4-6)\times 1))))$
1647087 := $((((7^8)/(0-7))\times(4-6))+1)$
1647772 := $(2\times((7^7)+((7^4)/(6+1))))$
1648595 := $(5\times((((9^5)-(8^4))\times 6)+1))$
1653344 := $-(((4-(4\times((3\times 3)^5)))\times(6+1)))$
1656249 := $(((94+(2\times 6))\times(5^6))-1)$
1656369 := $(-9+6^3\times 6)^{-5+6+1}$
1671159 := $-((9-(51\times((1+7)^{6-1}))))$
1673439 := $((((9^3)+4)\times 3)\times 761)$
1676269 := $-(((((9\times 62)-(6^7))\times 6)-1))$
1676543 := $-(((3\times(4^5))-(((6^7)\times 6)-1)))$
1676699 := $-((((((9\times 9)\times 6)-(6^7))\times 6)+1))$
1677386 := $(((6^8)-(3^7))-((7\times 6)+1))$
1678986 := $((6^8)-(((98+7)\times 6)\times 1))$
1679186 := $((6^8)-((1+9)\times((7\times 6)+1)))$
1679386 := $((6^8)-((3\times 97)-61))$
1679486 := $(((6^8)-4)-(9\times((7+6)+1)))$
1679494 := $(((4\times 9)^4)-((9-7)\times 61))$
1679536 := $((6^{3+5})-((9+7)\times(6-1)))$
1679568 := $-(((8-(6^{5+9-7}))\times(6\times 1)))$
1679585 := $(((-(5)+(-(((8-5)-9))^7))\times 6)-1)$
1679586 := $((6^8)+(((5\times 9)-76)+1))$
1679608 := $-((8-(06^{9-7+6}\times 1))))$
1679612 := $-((2-(((1+((6^9)-7))/6)-1)))$
1679613 := $-((((31-((6^9)+7))/6)-1))$
1679614 := $-((((4+1)-((6^9)-7))/(6\times 1)))$
1679615 := $(((5+(1^6))^{9-7+6})-1)$
1679616 := $(6^{1^{697}+6+1})$
1679617 := $(((7-(1^6))^{9-7+6})+1)$
1679621 := $(((1+(-((2\times(6-9)))^7))\times 6)-1)$
1679623 := $(((3\times 2)^{6+9-7})+(6+1))$
1679624 := $((4\times 2)+(6^{9-7+6}\times 1)))$
1679625 := $((5\times 2)+((6^{9-7+6})-1))$
1679626 := $((6^{2+6})+(((9+7)-6)\times 1))$
1679633 := $(((3+(((3-6)+9)^7))\times 6)-1)$
1679637 := $((7\times 3)+(6^{9-7+6}\times 1)))$
1679648 := $((8\times 4)+(6^{9-7+6}\times 1)))$
1679664 := $(4\times(((((6^6)\times 9)+7)+6)-1))$
1679669 := $((9\times 6)+((6^{9-7+6})-1))$
1679676 := $((((((6^7)-6)+9)+7)\times 6)\times 1)$
1679679 := $((9\times 7)+(6^{9-7+6}\times 1)))$
1679686 := $(((((6^8)+69)+7)-6)\times 1)$
1679689 := $((9\times 8)+((6^{9-7+6})+1))$
1679696 := $(((6^9)/6)+((9+7)\times(6-1)))$
1679986 := $(((6^8)-9)+(((9\times 7)\times 6)+1))$
1686183 := $((3^8)+((((1\times 6)^8)+6)\times 1))$
1692546 := $((((6^4)+5)^2)-((9\times 6)+1))$
1693168 := $(86\times((((1\times 3)^9)+6)-1))$
1712392 := $(29\times((3^{2+1+7})-1))$
1741824 := $((-((4-(2\times 8)))^{1+4})\times(7\times 1))$
1747928 := $(((82+9)\times(7^4))\times(7+1))$
1753541 := $-(((1-((4^5)\times 3))\times 571))$
1755625 := $((5\times 265)^{-5+7\times 1})$
1756876 := $-((6-((7\times(8^6))-((5^7)+1))))$
1756877 := $-((7-((7\times(8^6))-((5^7)-1))))$
1763856 := $-(((6^5)-(((8+3)^6)+71)))$
1764735 := $((5\times 3)\times(7^{4-6+7+1}))$
1766495 := $((5^9)-((4\times(6^6))+(7-1)))$
1769472 := $(((2+7)\times((4^9)\times 6))/(7+1))$
1769508 := $((((8^{05})\times 9)+6)\times(7-1))$
1771489 := $-(((9\times 8)-(((4\times 1)+7)^{7-1})))$
1771511 := $((11^{5+1})-((7\times 7)+1))$
1771547 := $(((7+4)^{5+1})-((7+7)\times 1))$
1771553 := $-(((3+5)-(((5-1)+7)^{7-1})))$
1771555 := $(((55/5)^{-1+7})-(7-1))$
1771558 := $-(((8-5)-(((5-1)+7)^{7-1})))$
1771574 := $(((4+7)^{5+1})+((7+7)-1))$
1771611 := $((11^6)+(((1\times 7)\times 7)+1))$
1771632 := $((((2+3)+6)^{-1+7})+71)$
1771638 := $(((((8+3)^6)-1)+7)+71)$
1773156 := $((((6^5)+1)\times 3)\times(77-1))$
1775568 := $-((8\times((6-((5^5)+7))\times 71)))$
1784675 := $-(((((5^7)-6)\times 4)-((8^7)-1)))$
1796875 := $((5^7)\times(86-((9\times 7)\times 1)))$
1796985 := $(((-(((5-8)-9))^6)-((9^7)))\times(-1))$
1799576 := $((((((6^7)\times 5)-9)\times 9)/7)-1)$

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1815157 := $(((7^5) \times ((1+5) \times 18)) + 1)$
1834847 := $(7 \times (((4^8) \times 4) - ((3 \times 8) - 1)))$
1834868 := $((((8^6) - 8) - (4 \times 3)) \times (8 - 1))$
1834959 := $(((((9-5)^9) - 4) - 3) \times (8 - 1))$
1834994 := $(((((4^9) - 9) + 4) + 3) \times (8 - 1))$
1835177 := $((7 \times ((((7+1)^5) + 3) \times 8)) + 1)$
1837085 := $(5 \times (((8 \times 07) \times (3^8)) + 1))$
1853564 := $-(((((4 \times 6) + 5)^3) \times (5 - 81)))$
1856458 := $(((((8+5)^4) \times 65) - 8) + 1)$
1856576 := $(((((6+7)^5) + 6) \times 5) + 81)$
1866045 := $-((5 \times (40 - (((6^6) \times 8) + 1))))$
1866125 := $-((5 \times ((((2+1) - (6^6)) \times 8) - 1)))$
1866165 := $-((5 \times (6 + (((1 - (6^6)) \times 8) + 1))))$
1866168 := $(8 \times (((6-1) \times (6^6)) - (8+1)))$
1866169 := $-((((9 - ((6-1) \times (6^6))) \times 8) - 1))$
1866195 := $(5 \times (((9-1) \times (6^6)) - (8+1)))$
1866225 := $-((5 \times (2 - ((((2 \times 6)^6)/8) - 1))))$
1866231 := $-((((1 - ((3+2) \times (6^6))) \times 8) + 1))$
1866235 := $(5 \times (((((3 \times 2) + 6)^6)/8) - 1))$
1866239 := $((((9/3) + 2) \times ((6^6) \times 8)) - 1)$
1866241 := $(((1+4) \times (((2 \times 6)^6)/8)) + 1)$
1866245 := $(5 \times (((((4-2) \times 6)^6)/8) + 1))$
1866249 := $(((9-4) \times (2 + ((6^6) \times 8))) - 1)$
1866265 := $(5 \times (6 + ((((2 \times 6)^6)/8) - 1)))$
1866275 := $(5 \times (7 + ((((2 \times 6)^6)/8) \times 1)))$
1866285 := $(5 \times (8 + ((((2 \times 6)^6)/8) + 1)))$
1866295 := $(5 \times ((9+2) + (((6^6) \times 8) \times 1)))$
1866315 := $-((5 \times ((((1-3) - (6^6)) \times 8) + 1)))$
1866345 := $-((5 \times (4 - (((3 + (6^6)) \times 8) + 1))))$
1866351 := $-((((1 - (5 \times (3 + (6^6)))) \times 8) + 1))$
1866355 := $-((5 - (5 \times ((3 + (6^6)) \times (8 \times 1)))))$
1866361 := $-((((1-6) \times ((3 + (6^6)) \times 8)) - 1))$
1866365 := $(5 \times ((((6-3) + (6^6)) \times 8) + 1))$
1866405 := $(5 \times (((04 + (6^6)) \times 8) + 1))$
1866457 := $(((7 + (5 \times (4 + (6^6)))) \times 8) + 1)$
1866485 := $-((5 \times ((8 \times (4 - (6^6))) - 81)))$
1866525 := $(5 \times ((((2+5) + (6^6)) \times 8) + 1))$
1866559 := $((((9 \times 5) - 5) \times ((6^6) + 8)) - 1)$
1866565 := $(5 \times (65 + (((6^6) \times 8) \times 1)))$
1866568 := $(8 \times (6 + (5 \times (((6^6) + 8) - 1))))$
1866576 := $(((6 \times 7) + (5 \times (6^6))) \times (8 \times 1))$
1866645 := $(5 \times (((4 + ((6^6) + 6)) \times 8) + 1))$
1866765 := $(5 \times ((((6+7) + (6^6)) \times 8) + 1))$
1866885 := $(5 \times ((((8+8) + (6^6)) \times 8) + 1))$
1869893 := $(((3^9) \times (89+6)) + (8 \times 1))$
1874073 := $(((37^{04}) - 7) - 81)$
1874163 := $(((((36+1)^4) - 7) + 8) + 1)$
1874235 := $((((5+32)^4) - 7) + 81)$
1874473 := $((37^4) + ((4 \times 78) \times 1))$
1874946 := $(6 \times ((4 \times ((9-4)^7)) - (8+1)))$
1874964 := $(4 \times ((6 \times ((9-4)^7)) - (8+1)))$
1875003 := $(3 \times (((005^7) \times 8) + 1))$
1875153 := $(3 \times (51 + (((5^7) \times 8) \times 1)))$
1875164 := $-((4 \times ((6 \times (1 - (((5^7) + 8))) + 1)))$
1875181 := $(-1+8)^{-1+5} \times 781$
1875193 := $(((3 \times (9-1)) \times ((5^7) + 8)) + 1)$
1875243 := $(3 \times (((4 \times 2) \times (5^7)) + 81))$
1875246 := $(6 \times ((4 \times (2 + ((5^7) + 8))) + 1))$
1875264 := $((4 \times 6) \times (2 + (((5^7) + 8) + 1)))$
1875313 := $((3 \times ((13 + (5^7)) \times 8)) + 1)$
1875324 := $(4 \times (((2 \times 3) \times (5^7)) + 81))$
1875359 := $((((9 \times 5) + (3 \times (5^7))) \times 8) - 1)$
1875384 := $((48 + (3 \times (5^7))) \times (8 \times 1))$
1875456 := $-((6 \times (5 - ((4 \times (5^7)) + 81))))$
1875486 := $(6 \times (((8-4) \times (5^7)) + 81))$
1875623 := $((3 \times ((26 + (5^7)) \times 8)) - 1)$
1875933 := $(3 \times (((39 + (5^7)) \times 8) - 1))$
1881567 := $((((7^6) - 51) \times (8+8)) - 1)$
1882367 := $((((((7^6) + 3) \times 2) - 8) \times 8) - 1)$
1882377 := $(((((7 \times 7)^3) \times 2) \times 8) - 8) + 1)$
1889481 := $((18^{-4+9}) - ((88-1)))$
1889559 := $-((((9^5) \times ((5-9) \times 8)) + (8+1)))$
1889592 := $((((((2 \times 9)^5) + 9) + 8) + 8) - 1)$
1896448 := $((8^4) \times (((4 + (6 \times 9)) \times 8) - 1))$
1920358 := $-(((8^5) - (((3+02)^9) + 1)))$
1922373 := $(((3^7) \times 3) \times (2 + 291))$
1927525 := $((5^2) \times ((5^7) - (2^{9+1})))$
1932645 := $-(((5 \times (4^6)) - (((2+3)^9) \times 1)))$

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1935495 $:= ((5 \times (9^4)) \times ((5 \times (3+9)) - 1))$
1938483 $:= -((((3+8)^4) - (((8-3)^9) - 1)))$
1939678 $:= ((8^7) - ((((6 \times 9)^3) + 9) + 1))$
1939688 $:= (8 \times ((8^6) - (((9/3)^9) \times 1)))$
1943964 $:= ((((4 \times (6+9))^3) - 4) \times (9 \times 1))$
1946595 $:= ((5^9) - (5 \times (((6^4) + 9) + 1)))$
1948938 $:= (((8-3)^9) - ((8^4) + 91))$
1950525 $:= -(((52 \times 50) - ((5^9) \times 1)))$
1950964 $:= -((((4 \times 6) \times 90) - ((5^9) - 1)))$
1951263 $:= -(((3 \times 621) - ((5^9) + 1)))$
1951485 $:= -((((5 \times 8) \times 41) - ((5^9) \times 1)))$
1951828 $:= -((((8 \times 2) \times 81) - ((5^9) - 1)))$
1951972 $:= -((((2^7) \times 9) - (((1 \times 5)^9) - 1)))$
1952045 $:= -(((540 \times 2) - ((5^9) \times 1)))$
1952125 $:= -((((5 \times 2)^{1+2}) - ((5^9) \times 1)))$
1952165 $:= -(((((5 \times 6) + 1)^2) - ((5^9) + 1)))$
1952285 $:= -((((58/2)^2) - ((5^9) + 1)))$
1952299 $:= -((((9 \times 92) - 2) - ((5^9) \times 1)))$
1952325 $:= -((((5^2) \times 32) - ((5^9) \times 1)))$
1952363 $:= -((((3^6) + 32) - ((5^9) - 1)))$
1952392 $:= -(((2 + ((9^3) + 2)) - ((5^9) \times 1)))$
1952393 $:= -((((3^{9-3}) + 2) - ((5^9) - 1)))$
1952394 $:= -(((4 + ((9^3) - 2)) - ((5^9) \times 1)))$
1952395 $:= ((5^9) - ((3^{2-5+9}) + 1))$
1952396 $:= (((-((6-9))^{3\times 2}) - ((5^9))) \times (-1))$
1952398 $:= -(((8 \times (93-2)) - ((5^9) + 1)))$
1952399 $:= -((((9^{9/3}) - 2) - ((5^9) + 1)))$
1952415 $:= -(((5 \times 142) - ((5^9) \times 1)))$
1952439 $:= -((((9^3) - 42) - ((5^9) + 1)))$
1952468 $:= -(((8 + ((6^4)/2)) - ((5^9) - 1)))$
1952469 $:= -(((9 + ((6^4)/2)) - ((5^9) + 1)))$
1952485 $:= -((((5 \times 8) \times (4^2)) - ((5^9) \times 1)))$
1952495 $:= ((5^9) - (42 \times ((5+9) + 1)))$
1952496 $:= -((((6+9) \times 42) - ((5^9) + 1)))$
1952516 $:= -((((61 \times 5) \times 2) - ((5^9) + 1)))$
1952526 $:= -(((6 \times ((2 \times 5)^2)) - ((5^9) + 1)))$
1952549 $:= -(((9 \times (4^{5-2})) - ((5^9) \times 1)))$
1952565 $:= -((((56 \times 5) \times 2) - ((5^9) \times 1)))$
1952612 $:= -(((2 \times (16^2)) - ((5^9) - 1)))$
1952628 $:= -(((8 \times ((2^6) - 2)) - ((5^9) - 1)))$
1952642 $:= -(((((2^4) + 6)^2) - ((5^9) + 1)))$
1952657 $:= -(((7 \times (5 + 62)) - ((5^9) + 1)))$
1952658 $:= -((((8+5) \times (6^2)) - ((5^9) + 1)))$
1952667 $:= -((((76 \times 6) + 2) - ((5^9) \times 1)))$
1952678 $:= -((((8 \times 7) \times (6+2)) - ((5^9) + 1)))$
1952685 $:= -(((5 \times (86+2)) - ((5^9) \times 1)))$
1952692 $:= (((2-9) \times 62) + ((5^9) + 1))$
1952693 $:= -((((3+9) \times (6^2)) - ((5^9) \times 1)))$
1952694 $:= -(((((4 \times 9) \times 6) \times 2) - ((5^9) + 1)))$
1952706 $:= -((((60 \times 7) - 2) - ((5^9) - 1)))$
1952724 $:= -(((-((4 \times (2-7)))^2) - (((5^9) - 1))))$
1952726 $:= -((((6 + (2 \times 7))^2) - ((5^9) + 1)))$
1952732 $:= -((((2^3) \times (7^2)) - ((5^9) - 1)))$
1952745 $:= -((((54 \times 7) + 2) - ((5^9) \times 1)))$
1952748 $:= -((((8 \times 47) + 2) - ((5^9) + 1)))$
1952757 $:= -(((7 + (5 \times 72)) - ((5^9) - 1)))$
1952758 $:= -(((8 + (5 \times 72)) - ((5^9) + 1)))$
1952762 $:= -((((26 \times 7) \times 2) - ((5^9) + 1)))$
1952763 $:= -(((((3^6) - 7)/2) - ((5^9) - 1)))$
1952771 $:= -(((177 \times 2) - ((5^9) \times 1)))$
1952776 $:= -((6 + ((7 \times (7^2)) - ((5^9) \times 1))))$
1952781 $:= (((1-8) \times (7^2)) + ((5^9) - 1))$
1952783 $:= -(((38 \times (7+2)) - ((5^9) \times 1)))$
1952784 $:= -(((4 \times (87-2)) - ((5^9) - 1)))$
1952786 $:= -(((((6 \times 8) \times 7) + 2) - ((5^9) - 1)))$
1952795 $:= ((5^9) - ((7 \times (2 + (5 \times 9))) + 1))$
1952804 $:= -((((40 \times 8) + 2) - ((5^9) + 1)))$
1952805 $:= ((5 \times (0 - (8^2))) + ((5^9) \times 1))$
1952816 $:= -(((618/2) - ((5^9) \times 1)))$
1952836 $:= -(((((6 \times 3) \times 8) \times 2) - ((5^9) - 1)))$
1952837 $:= -(((-((7 - (3 \times 8)))^2) - (((5^9) + 1))))$
1952838 $:= -(((8 \times (38-2)) - ((5^9) + 1)))$
1952854 $:= -(((45 \times (8-2)) - ((5^9) - 1)))$
1952868 $:= -(((((8-6)^8) + 2) - ((5^9) + 1)))$
1952885 $:= -((((5 \times 8) \times (8-2)) - ((5^9) \times 1)))$
1952892 $:= -((((29 \times 8) + 2) - ((5^9) + 1)))$
1952899 $:= -(((9 \times (9 + (8 \times 2))) - ((5^9) - 1)))$
1952937 $:= -(((((7 \times 3) \times 9) - 2) - ((5^9) - 1)))$

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1952939 $:= -(((93+92)-((5^9)-1)))$
1952942 $:= (((2-4)\times 92)+((5^9)+1))$
1952946 $:= -(((((6+4)\times 9)\times 2)-((5^9)+1)))$
1952948 $:= -(((84+92)-((5^9)-1)))$
1952949 $:= -(((94+(9^2))-((5^9)-1)))$
1952952 $:= ((2\times(5-92))+((5^9)+1))$
1952953 $:= -(((3\times(59-2))-((5^9)-1)))$
1952954 $:= -(((4\times((5\times 9)-2))-((5^9)+1)))$
1952956 $:= -(((6\times((5+9)\times 2))-((5^9)-1)))$
1952957 $:= -(((75+92)-((5^9)-1)))$
1952958 $:= -(((85+(9^2))-((5^9)-1)))$
1952963 $:= -((((36\times 9)/2)-((5^9)\times 1)))$
1952964 $:= (((4-6)\times(9^2))+((5^9)+1))$
1952966 $:= -(((66+92)-((5^9)-1)))$
1952967 $:= -(((76+(9^2))-((5^9)-1)))$
1952969 $:= -((((9+69)\times 2)-((5^9)\times 1)))$
1952971 $:= -((((17\times 9)+2)-((5^9)+1)))$
1952972 $:= (((2-79)\times 2)+((5^9)+1))$
1952973 $:= (((3-79)\times 2)+((5^9)\times 1))$
1952974 $:= (((4-79)\times 2)+((5^9)-1))$
1952975 $:= -(((57+92)-((5^9)-1)))$
1952976 $:= -(((67+(9^2))-((5^9)-1)))$
1952978 $:= -((((8\times 7)+92)-((5^9)+1)))$
1952979 $:= -(((((9+7)\times 9)+2)-((5^9)\times 1)))$
1952991 $:= -(((19\times(9-2))-((5^9)-1)))$
1952993 $:= -(((39+92)-((5^9)-1)))$
1952994 $:= -(((49+(9^2))-((5^9)-1)))$
1952995 $:= ((5^9)-(((9\times 2)-5)\times(9+1)))$
1952997 $:= -((((7\times(9+9))+2)-((5^9)\times 1)))$
1952998 $:= -(((((8\times 9)-9)\times 2)-((5^9)-1)))$
1952999 $:= -((((9+9)\times(9-2))-((5^9)\times 1)))$
1953004 $:= ((40\times(0-3))+((5^9)-1))$
1953011 $:= -(((110+3)-((5^9)-1)))$
1953016 $:= -(((6+103)-((5^9)\times 1)))$
1953029 $:= -(((92+03)-((5^9)-1)))$
1953031 $:= -((((1+30)\times 3)-((5^9)-1)))$
1953032 $:= -(((2+(30\times 3))-((5^9)-1)))$
1953033 $:= -((((3\times 30)+3)-((5^9)+1)))$
1953038 $:= -(((83+03)-((5^9)-1)))$
1953042 $:= -((((2\times 40)+3)-((5^9)\times 1)))$
1953043 $:= -(((3^4)-((((0\times 3)+5)^9)-1)))$
1953046 $:= -((((6\times 40)/3)-((5^9)+1)))$
1953047 $:= -(((74+03)-((5^9)-1)))$
1953056 $:= -(((65+03)-((5^9)-1)))$
1953061 $:= -((((1+60)+3)-((5^9)\times 1)))$
1953062 $:= -(((2^6)-((((0\times 3)+5)^9)+1)))$
1953064 $:= -((((4+60)-3)-((5^9)\times 1)))$
1953065 $:= ((5^{6+03})-(59+1))$
1953069 $:= -((((9\times 6)+03)-((5^9)+1)))$
1953074 $:= -(((47+03)-((5^9)-1)))$
1953075 $:= -(((5\times(7+03))-((5^9)\times 1)))$
1953077 $:= -(((7\times 7)-((((0\times 3)+5)^9)+1)))$
1953083 $:= -(((38+03)-((5^9)-1)))$
1953085 $:= (((5+8)\times(0-3))+((5^9)-1))$
1953092 $:= (((2+9)\times(0-3))+((5^9)\times 1))$
1953093 $:= -((((3+90)/3)-((5^9)-1)))$
1953094 $:= -(((4+(9\times 03))-((5^9)\times 1)))$
1953095 $:= -(((5\times(9-03))-((5^9)\times 1)))$
1953096 $:= (((6-90)/3)+((5^9)-1))$
1953099 $:= (((9-90)/3)+((5^9)+1))$
1953102 $:= -((((20\times 1)+3)-((5^9)\times 1)))$
1953104 $:= ((40/(1-3))+((5^9)-1))$
1953105 $:= ((5\times((0-1)-3))+((5^9)\times 1))$
1953106 $:= ((6\times((0\times 1)-3))+((5^9)-1))$
1953107 $:= -((((7-01)\times 3)-((5^9)\times 1)))$
1953108 $:= ((8\times(01-3))+((5^9)-1))$
1953111 $:= (((1-1)-13)+((5^9)-1))$
1953112 $:= (((2-1)-13)+((5^9)-1))$
1953113 $:= (((3-1)-13)+((5^9)-1))$
1953114 $:= ((4\times((1-1)-3))+((5^9)+1))$
1953115 $:= ((5\times((1\times 1)-3))+((5^9)\times 1))$
1953116 $:= (((6-1)\times(1-3))+((5^9)+1))$
1953117 $:= (((7-1)-13)+((5^9)-1))$
1953118 $:= ((8\times((1+1)-3))+((5^9)+1))$
1953119 $:= (((9-11)\times 3)+((5^9)\times 1))$
1953141 $:= ((((1\times 4)+1)\times 3)+((5^9)+1))$
1953142 $:= ((2^4)+((((1^3)\times 5)^9)+1))$
1953143 $:= ((((3+4)-1)\times 3)+((5^9)\times 1))$

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1953144 := $((((4\times 4)-1)+3)+((5^9)+1))$
1953145 := $((5\times 4)+((((1^3)\times 5)^9)\times 1))$
1953146 := $((((6\times 4)-1)-3)+((5^9)+1))$
1953147 := $((7+((4+1)\times 3))+((5^9)\times 1))$
1953148 := $((8+((4+1)\times 3))+((5^9)\times 1))$
1953149 := $(((9\times 4)-13)+((5^9)+1))$
1953152 := $((25+(1^3))+((5^9)+1))$
1953153 := $((((3+5)+1)\times 3)+((5^9)+1))$
1953154 := $((4\times((5-1)+3))+((5^9)+1))$
1953155 := $((((5\times 5)+1)+3)+((5^9)+1))$
1953156 := $((6\times 5)+((((1^3)\times 5)^9)+1))$
1953157 := $((((7\times 5)\times 1)-3)+((5^9)\times 1))$
1953158 := $((8\times(5-(1^3)))+((5^9)+1))$
1953159 := $(((9\times(5-1))-3)+((5^9)+1))$
1953162 := $((((2\times 6)\times 1)\times 3)+((5^9)+1))$
1953163 := $(((36-1)+3)+((5^9)\times 1))$
1953164 := $((4\times((6+1)+3))+((5^9)-1))$
1953165 := $((5\times((6-1)+3))+((5^9)\times 1))$
1953166 := $((((6\times 6)+1)+3)+((5^9)+1))$
1953167 := $((7\times 6)+((((1^3)\times 5)^9)\times 1))$
1953168 := $((((8+6)\times 1)\times 3)+((5^9)+1))$
1953169 := $((((9+6)\times 1)\times 3)+((5^9)-1))$
1953172 := $((2\times((7+1)\times 3))+((5^9)-1))$
1953174 := $((47+(1^3))+((5^9)+1))$
1953175 := $((5\times((7\times 1)+3))+((5^9)\times 1))$
1953176 := $(((6\times(7+1))+3)+((5^9)\times 1))$
1953177 := $((((7\times 7)-1)+3)+((5^9)+1))$
1953178 := $((((8\times 7)-1)-3)+((5^9)+1))$
1953179 := $((9\times(7-(1^3)))+((5^9)\times 1))$
1953181 := $(((18+1)\times 3)+((5^9)-1))$
1953182 := $-(((28\times(1-3))-((5^9)+1)))$
1953185 := $((58+(1^3))+((5^9)+1))$
1953186 := $((6\times((8-1)+3))+((5^9)+1))$
1953187 := $((7\times(8+(1^3)))+((5^9)-1))$
1953188 := $((8\times 8)+((((1^3)\times 5)^9)-1))$
1953189 := $((9\times(8-(1^3)))+((5^9)+1))$
1953195 := $(((5^9)-1)+(((3+5)\times 9)-1))$
1953196 := $((69+(1^3))+((5^9)+1))$
1953197 := $(((7\times(9+1))+3)+((5^9)-1))$
1953198 := $((8\times 9)+((((1^3)\times 5)^9)+1))$
1953199 := $(((9\times(9-1))+3)+((5^9)-1))$
1953209 := $(((9^{02})+3)+((5^9)\times 1))$
1953213 := $(((31-2)\times 3)+((5^9)+1))$
1953214 := $-(((4\times(1-23))-((5^9)+1)))$
1953216 := $((6\times(12+3))+((5^9)+1))$
1953218 := $(((8\times 12)-3)+((5^9)\times 1))$
1953221 := $((12\times(2^3))+((5^9)\times 1))$
1953224 := $((4\times(2+23))+((5^9)-1))$
1953225 := $(((52\times 2)-3)+((5^9)-1))$
1953226 := $((((6^2)-2)\times 3)+((5^9)-1))$
1953227 := $((((7^2)\times 2)+3)+((5^9)+1))$
1953228 := $((((8+2)^2)+3)+((5^9)\times 1))$
1953229 := $(((9^2)+23)+((5^9)\times 1))$
1953232 := $((((2\times 3)^2)\times 3)+((5^9)-1))$
1953233 := $((((3+3)^2)\times 3)+((5^9)\times 1))$
1953234 := $(((4+32)\times 3)+((5^9)+1))$
1953235 := $(((53\times 2)+3)+((5^9)+1))$
1953236 := $((((6^3)/2)+3)+((5^9)\times 1))$
1953241 := $(((1+4)\times 23)+((5^9)+1))$
1953243 := $((3\times(42-3))+((5^9)+1))$
1953245 := $((((5\times 4)\times 2)\times 3)+((5^9)\times 1))$
1953246 := $(((6\times 4)\times(2+3))+((5^9)+1))$
1953252 := $((2^{5\times 2-3})+((5^9)-1))$
1953254 := $(((4^5)/(2^3))+((5^9)+1))$
1953256 := $((6\times((5^2)-3))+((5^9)-1))$
1953258 := $-((((8-52)\times 3)-((5^9)+1)))$
1953261 := $-(((1-(6\times 23))-((5^9)-1)))$
1953262 := $-(((2-(6\times 23))-((5^9)+1)))$
1953266 := $((((6+6)^2)-3)+((5^9)\times 1))$
1953269 := $(((96/2)\times 3)+((5^9)\times 1))$
1953271 := $((((1\times 7)^2)\times 3)+((5^9)-1))$
1953272 := $(((2\times 72)+3)+((5^9)\times 1))$
1953273 := $((((3\times 7)^2)/3)+((5^9)+1))$
1953275 := $((5\times(7+23))+((5^9)\times 1))$
1953277 := $(((77\times 2)-3)+((5^9)+1))$
1953278 := $-(((8-(7\times 23))-((5^9)\times 1)))$
1953279 := $((9\times((7\times 2)+3))+((5^9)+1))$
1953282 := $((2\times(82-3))+((5^9)-1))$

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1953284 $:= (((4\times 8)\times(2+3))+((5^9)-1))$
1953287 $:= ((((7\times 8)-2)\times 3)+((5^9)\times 1))$
1953289 $:= -((((9-(8^2))\times 3)-((5^9)-1)))$
1953292 $:= ((2\times((9^2)+3))+((5^9)-1))$
1953295 $:= (((59-2)\times 3)+((5^9)-1))$
1953316 $:= (((61+3)\times 3)+((5^9)-1))$
1953322 $:= (((22\times 3)\times 3)+((5^9)-1))$
1953323 $:= (((3\times 2)\times 33)+((5^9)\times 1))$
1953324 $:= (((4+2)\times 33)+((5^9)+1))$
1953327 $:= ((7\times(2+(3^3)))+((5^9)-1))$
1953329 $:= (((9\times 23)-3)+((5^9)\times 1))$
1953332 $:= (((23\times 3)\times 3)+((5^9)\times 1))$
1953335 $:= -(((5-((3+3)^3))-((5^9)-1)))$
1953336 $:= ((((6^3)-3)-3)+((5^9)+1))$
1953338 $:= (((8\times(3^3))-3)+((5^9)\times 1))$
1953339 $:= ((((9-3)^3)-3)+((5^9)+1))$
1953341 $:= ((-(((1-4)-3))^3)+(((5^9)\times 1)))$
1953342 $:= (((24\times 3)\times 3)+((5^9)+1))$
1953346 $:= ((6\times(4+33))+((5^9)-1))$
1953364 $:= ((4\times(63-3))+((5^9)-1))$
1953369 $:= ((9\times((6-3)^3))+((5^9)+1))$
1953376 $:= (((6\times 7)\times(3+3))+((5^9)-1))$
1953378 $:= (((87-3)\times 3)+((5^9)+1))$
1953382 $:= ((2^8)+((((3-3)+5)^9)+1))$
1953383 $:= (((3+83)\times 3)+((5^9)\times 1))$
1953384 $:= -(((4-(8\times 33))-((5^9)-1)))$
1953385 $:= -(((5-(8\times 33))-((5^9)+1)))$
1953387 $:= ((783/3)+((5^9)+1))$
1953388 $:= ((8\times((8+3)\times 3))+((5^9)-1))$
1953395 $:= ((5^9)+((((3+3)\times 5)\times 9)\times 1))$
1953397 $:= -(((7-(93\times 3))-((5^9)\times 1)))$
1953404 $:= ((40\times(4+3))+((5^9)-1))$
1953407 $:= (((70\times 4)+3)+((5^9)-1))$
1953412 $:= ((2\times 143)+((5^9)+1))$
1953425 $:= ((((5^2)\times 4)\times 3)+((5^9)\times 1))$
1953444 $:= (((4^4)+(4^3))+((5^9)-1))$
1953446 $:= ((((6^4)/4)-3)+((5^9)\times 1))$
1953467 $:= ((7\times(6+43))+((5^9)-1))$
1953469 $:= ((((9-6)+4)^3)+((5^9)+1))$
1953485 $:= ((5\times(8+(4^3)))+((5^9)\times 1))$
1953531 $:= ((135\times 3)+((5^9)+1))$
1953538 $:= (((83\times 5)-3)+((5^9)+1))$
1953548 $:= (((84\times 5)+3)+((5^9)\times 1))$
1953555 $:= (5\times((5^{5+3})-(5-91)))$
1953595 $:= (((5^9)+(5\times 3))+(5\times 91))$
1953596 $:= -(((6-(9\times 53))-((5^9)\times 1)))$
1953608 $:= (((80\times 6)+3)+((5^9)\times 1))$
1953613 $:= ((3\times 163)+((5^9)-1))$
1953628 $:= -(((8-((2+6)^3))-((5^9)-1)))$
1953629 $:= -(((9-((2+6)^3))-((5^9)+1)))$
1953636 $:= ((((6/3)+6)^3)+((5^9)-1))$
1953638 $:= (((8^3)+(6/3))+((5^9)-1))$
1953639 $:= (((9^3)-(6^3))+((5^9)+1))$
1953665 $:= ((((5\times 6)\times 6)\times 3)+((5^9)\times 1))$
1953677 $:= ((7\times(76+3))+((5^9)-1))$
1953691 $:= (((1\times 9)\times 63)+((5^9)-1))$
1953708 $:= ((8\times 073)+((5^9)-1))$
1953718 $:= ((8\times(1+73))+((5^9)+1))$
1953745 $:= ((((5^4)-7)+3)+((5^9)-1))$
1953749 $:= (((9-4)^{7-3})+((5^9)-1))$
1953781 $:= (((1+8)\times 73)+((5^9)-1))$
1953792 $:= -(((2\times(9-(7^3)))-((5^9)-1)))$
1953812 $:= ((2\times(-((1-8))^3))+(((5^9)+1)))$
1953828 $:= (((8^2)\times(8+3))+((5^9)-1))$
1953845 $:= (((5\times 48)\times 3)+((5^9)\times 1))$
1953854 $:= ((-(((4-5)-8))^3)+(((5^9)\times 1)))$
1953855 $:= ((((5/5)+8)^3)+((5^9)+1))$
1953872 $:= (((2+7)\times 83)+((5^9)\times 1))$
1953889 $:= ((9\times(88-3))+((5^9)-1))$
1953963 $:= (((3+6)\times 93)+((5^9)+1))$
1953989 $:= (((9\times 8)\times(9+3))+((5^9)\times 1))$
1954125 $:= (((5\times 2)^{-1+4})+(((5^9)\times 1)))$
1954144 $:= ((((4^4)-1)\times 4)+((5^9)-1))$
1954145 $:= -((5-((4^{1+4})+((5^9)+1))))$
1954148 $:= ((((8^4)\times 1)/4)+((5^9)-1))$
1954152 $:= ((2\times 514)+((5^9)-1))$
1954154 $:= ((((4^5)\times 1)+4)+((5^9)+1))$
1954292 $:= ((292\times 4)+((5^9)-1))$

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1954349 $:= (((9 \times 4) \times 34) + ((5^9) \times 1))$
1954405 $:= ((5 \times (04^4)) + ((5^9) \times 1))$
1954416 $:= ((((6 \times 1)^4) - 4) + ((5^9) - 1))$
1954417 $:= ((((7 - 1)^4) - 4) + ((5^9) \times 1))$
1954636 $:= (((63 \times 6) \times 4) + ((5^9) - 1))$
1954662 $:= ((((2^6) \times 6) \times 4) + ((5^9) + 1))$
1954885 $:= (((5 \times 88) \times 4) + ((5^9) \times 1))$
1955172 $:= ((2^{7-1+5}) + ((5^9) - 1))$
1955313 $:= ((3^{-1+3+5}) + (((5^9) + 1)))$
1955329 $:= ((9 \times (2 + (3^5))) + ((5^9) - 1))$
1955339 $:= ((9 \times (3 + (3^5))) + ((5^9) \times 1))$
1955349 $:= ((9 \times (4 + (3^5))) + ((5^9) + 1))$
1955446 $:= (((6^4) + (4^5)) + ((5^9) + 1))$
1955544 $:= ((44 \times 55) + ((5^9) - 1))$
1955595 $:= ((5^9) + (5 \times ((55 \times 9) - 1)))$
1955599 $:= (((99 \times 5) \times 5) + ((5^9) - 1))$
1955864 $:= ((4 \times 685) + ((5^9) - 1))$
1955868 $:= (((8 + 6)^{8-5}) + ((5^9) - 1))$
1956192 $:= ((((2^9) - 1) \times 6) + ((5^9) + 1))$
1956255 $:= ((((5^5) - 2) + 6) + ((5^9) + 1))$
1956575 $:= ((575 \times 6) + ((5^9) \times 1))$
1956778 $:= (((87 \times 7) \times 6) + ((5^9) - 1))$
1957222 $:= ((2^{-2+2\times 7}) + (((5^9) + 1)))$
1957228 $:= ((((8^2)^2) + 7) + ((5^9) \times 1))$
1957248 $:= (((8^4) + 27) + ((5^9) \times 1))$
1957646 $:= ((646 \times 7) + ((5^9) - 1))$
1957694 $:= ((4 \times (9^6)) - ((7^5) \times (9 + 1)))$
1957977 $:= (((77 \times 9) \times 7) + ((5^9) + 1))$
1958245 $:= (((5 \times 4) \times (2^8)) + ((5^9) \times 1))$
1958767 $:= ((7 \times ((6^7) - (8 \times (5 + 9)))) - 1)$
1959066 $:= ((660 \times 9) + ((5^9) + 1))$
1959683 $:= ((((3^8) + 6) - 9) + ((5^9) \times 1))$
1959685 $:= (((-((5 - 8))^6) \times 9) + (((5^9) - 1)))$
1959749 $:= (((9^4) + (7 \times 9)) + ((5^9) \times 1))$
1959957 $:= ((759 \times 9) + ((5^9) + 1))$
1966125 $:= (5 \times ((((2^{16}) \times 6) + 9) \times 1))$
1968659 $:= (((9 \times (5^6)) \times (8 + 6)) - 91)$
1973853 $:= 3 \times (-5^8 + (3 - 7)^{9+1})$
1976855 $:= (5 \times ((5^8) + (6 \times 791)))$
1985529 $:= ((9 - 2) \times (((5^5) - 8) \times 91))$
1985895 $:= ((5^9) + ((((8^5) - 8) + 9) + 1))$
1990584 $:= ((((4 + 8)^5) - 09) \times (9 - 1))$
2030625 $:= (((5^2) \times (60 - 3))^{02})$
2052866 $:= -((((6^6) \times ((8 - 2) - 50)) - 2))$
2054184 $:= -(((4 - ((8 \times 1)^4)) \times 502))$
2064368 $:= (8 \times ((63 \times (4^6)) - 02))$
2074688 $:= (8 \times ((8^6) - (4 \times 702)))$
2084195 $:= ((5^9) - ((1 - (4^8)) \times 02))$
2085136 $:= ((6 + ((3 - 1)^5))^{8/02})$
2088025 $:= ((5 - (20 \times (8 - 80)))^2)$
2096378 $:= (((8^7) - (3^6)) - (90/2))$
2096448 $:= (8 \times ((((4 + 4)^6) - 90) + 2))$
2096878 $:= ((8^7) - ((8 + (6 \times 90))/2))$
2096972 $:= (((2^7)^{9-6}) - (90 \times 2))$
2096978 $:= ((8^7) - ((96 - 9) \times 02))$
2097071 $:= (((1 + 7)^{07}) - (9^{02}))$
2097078 $:= (((8^7) + 07) - (9^{02}))$
2097107 $:= (((7 + 01)^7) - (90/2))$
2097134 $:= ((((4 + 3) + 1)^7) - (9 \times 02))$
2097143 $:= (((((3 + 4) + 1)^7) - 9) + (0 \times 2))$
2097144 $:= ((4 - (4^{1^7+9})) \times (0 - 2))$
2097145 $:= (((((5 + 4) - 1)^7) - 9) + 02)$
2097146 $:= -((6 - ((4^{1^7+9}) \times 02)))$
2097148 $:= -(((8 - 4) - ((1 + 7)^{9-02})))$
2097151 $:= -(((1^5) - ((1 + 7)^{9-02})))$
2097152 $:= 2^{(5-1)\times 7-9+02}$
2097154 $:= ((((4 + 5) - 1)^7) + ((9 \times 0) + 2))$
2097161 $:= (((((1 + 6) + 1)^7) + 9) + (0 \times 2))$
2097163 $:= (((((3 + 6) - 1)^7) + 9) + 02)$
2097168 $:= (((8^{6+1}) + (7 + 9)) + (0 \times 2))$
2097184 $:= (((4^8) + 1) \times ((7 + 9) \times 02))$
2097233 $:= ((((3 + 3) + 2)^7) + (9^{02}))$
2097278 $:= ((8^7) - ((27 - 90) \times 2))$
2097326 $:= -(((6 - ((2^3)^7)) - (90 \times 2)))$
2097332 $:= ((((2 + 3) + 3)^7) + (90 \times 2))$
2097348 $:= ((8 + ((4^{3+7}) + 90)) \times 2)$
2097719 $:= (((9 - 1)^7) + (7 \times (9^{02})))$
2097863 $:= (((3^6) + (8^7)) - (9 \times 02))$

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2101242 $:= -((2 \times (4 - (((2^{10}) + 1)^2))))$
2101262 $:= (2 \times (6 + (((2^{10}) + 1)^2)))$
2109375 $:= ((5^7) \times (39 - 012))$
2117673 $:= (3 \times (((7^6) \times (7 - 1)) - (1 + 2)))$
2117674 $:= -(((4 - ((7^6) \times ((7 + 1) + 1))) \times 2))$
2117675 $:= -((5 - (((7^6) \times (7 + 11)) - 2)))$
2117676 $:= -((6 - ((7^6) \times ((7 - 1) + 12))))$
2117677 $:= -((7 - (((7^6) \times (7 + 11)) + 2)))$
2117736 $:= ((6 \times 3) \times ((7^{7-1}) + (1 + 2)))$
2119936 $:= ((((((6 \times 3) \times 9) \times 9) - 1) - 1)^2)$
2122416 $:= (((6 \times (1 + (4^2)))^{2+1}) \times 2)$
2125694 $:= ((4 \times (9^6)) - (5 \times (2 + 12)))$
2125763 $:= ((((3^6) \times (7 - 5))^2) - (1^2))$
2125764 $:= (4 \times ((6^{7+5})/(2^{12})))$
2125836 $:= ((6 + (3^{8+5-2})) \times 12)$
2126084 $:= (4 \times (80 + ((6/2)^{12})))$
2134521 $:= ((1 + (2 \times (((5 + 4)^3) + 1)))^2)$
2137428 $:= -(((8/2) \times (4 - (731^2))))$
2137564 $:= (4 \times ((6 \times 5) + (731^2)))$
2143296 $:= ((6 + (((9 \times 2)^3)/4))^{1 \times 2})$
2146176 $:= ((6^{7-1}) \times (((6 \times 4) - 1) \times 2))$
2146689 $:= (((9 \times 86)/6)^{4+1-2})$
2147466 $:= (6 \times ((64 + 7)^{4+1-2}))$
2172676 $:= ((67 \times (((6/2) \times 7) + 1))^2)$
2174958 $:= -(((8 - (5^9)) - (471^2)))$
2175278 $:= (((8^7) + 2) + (((5^7) + 1) - 2))$
2175625 $:= (((5^2) \times ((65 - 7) + 1))^2)$
2187367 $:= (7 \times ((((63 + 7) \times 8) - 1)^2))$
2187547 $:= ((7 \times ((4 \times (5^7)) + (8 - 1))) - 2)$
2196324 $:= (4 \times ((2 + (((3^6) + 9) + 1))^2))$
2204498 $:= (((8 \times (9^4)) \times (40 + 2)) + 2)$
2214137 $:= -((7 - (((31 \times 4) \times 12)^2)))$
2217121 $:= ((((1 \times 21) \times 71) - 2)^2)$
2217618 $:= (((81 \times (6 + 7))^{1 \times 2}) \times 2)$
2224455 $:= (5 \times ((((5^4) + 42)^2) + 2))$
2225286 $:= 6 \times (-8 \times 2 + 5^{2 \times 2})^2$
2232958 $:= -(((8 - (5^9)) - ((23^2)^2)))$
2237299 $:= ((((9 \times 9)^2) \times ((7^3) - 2)) - 2)$
2239356 $:= (6 \times ((((5 + 3) \times 9)^3) - 22))$
2239466 $:= ((((6^6) \times 4) \times (9 + 3)) - 22)$
2239476 $:= ((((6^7) \times 4) - ((9/3) \times 2)) \times 2)$
2239484 $:= ((48 \times ((4 \times 9)^3)) - (2 + 2))$
2239486 $:= (((((6^8) \times 4) - 9)/3) + (2/2))$
2239488 $:= ((((8 - (8/4))^9)/(3^2)) \times 2)$
2239489 $:= ((((9 \times 8)^4)/(9 + 3)) + (2/2))$
2239496 $:= ((((6^9) + (4 \times 9))/(3^2)) \times 2)$
2239658 $:= ((85 + ((6^9)/(3^2))) \times 2)$
2244937 $:= (((7^3) \times ((9^4) - (4^2))) + 2)$
2254716 $:= (((6 + 1) \times (((7 + 4)^5) \times 2)) + 2)$
2254718 $:= ((((8 - 1) \times ((7 + 4)^5)) + 2) \times 2)$
2254737 $:= ((7 \times (3 + (((7 + 4)^5) \times 2))) + 2)$
2254777 $:= (7 \times (7 + ((((7 + 4)^5) \times 2) + 2)))$
2263543 $:= ((345 \times (3^{6+2})) - 2)$
2265925 $:= (5 \times ((29 \times ((5^6) + 2)) + 2))$
2268036 $:= ((6 + (30 \times ((8 \times 6) + 2)))^2)$
2272375 $:= (((5 \times 7)^3) \times (2 + ((7^2) + 2)))$
2274558 $:= ((8 + (5^5)) \times (4 + 722))$
2278125 $:= (5 \times (((2 + 1) \times ((8 + 7)^2))^2))$
2284146 $:= (6 \times (((((4 + 1)^4) - 8)^2) + 2))$
2285564 $:= ((((4^6) \times 558) - 2) - 2)$
2286144 $:= ((4 \times (((41 + 6) \times 8) + 2))^2)$
2286166 $:= (((6^6) \times (1 + (6 \times 8))) + 22)$
2291856 $:= (6 \times ((5^8) - ((1 + 92)^2)))$
2292196 $:= (6 \times 9 \times (-1 + 29) + 2)^2$
2293758 $:= ((((8^5) \times 7) \times ((3 + 9) - 2)) - 2)$
2295568 $:= -((8 \times (((6 - (5^5)) \times 92) + 2)))$
2307361 $:= (((1 + (6^3)) \times 7)^{0 \times 3 + 2})$
2313435 $:= (((5 + 34)^{3+1}) - (3 \times 2))$
2313439 $:= ((((9 \times 3) + (4 \times 3))^{1+3}) - 2)$
2313443 $:= (((3 \times ((4 \times 4) - 3))^{1+3}) + 2)$
2313846 $:= 6 \times (4 - (8 - 3)^{1+3})^2$
2322427 $:= ((7 \times ((24^2)^2)) - (3 + 2))$
2322446 $:= ((((6 \times 4)^4) + 2) \times ((2 + 3) + 2))$
2322467 $:= (7 \times (((((6 \times 4)^2)^2) + 3) + 2))$
2322576 $:= ((((((6 \times 7) - 5) + 2)^2) + 3)^2)$
2325625 $:= (((5^2) \times ((6 + 52) + 3))^2)$
2331729 $:= (9 \times (((((2 + 7) - 1)^3) - 3)^2))$
2334744 $:= ((4 + (4 \times (7^4))) \times (3^{3+2}))$

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2334784 := $(4 \times ((8 + ((7 \times 4) \times (3^3)))^2))$
2336048 := $(8 \times ((((40 + 6)^3) \times 3) - 2))$
2336256 := $(6 \times ((52 \times ((6 + 3) + 3))^2))$
2339568 := $((((8^6) - 5) \times 9) - (3^{3^2}))$
2343314 := $((41^3) \times (((3 \times 4) \times 3) - 2))$
2343685 := $((((5^8) \times 6) - 3) - ((4^3) - 2))$
2343745 := $-((5 - (((((4 \times 7) - 3)^4) \times 3) \times 2)))$
2343854 := $-(((((4 - (5^8)) \times 3) - (4^3)) \times 2))$
2343961 := $(((16 \times 93) + 43)^2)$
2345776 := $((6 \times ((((7 + 7) + 5)^4) \times 3)) - 2)$
2347024 := $(-4 + 2^{07} \times 4 \times 3)^2$
2352635 := $((((((5 - 3)^6) \times 2) + 5)^3) - 2)$
2352639 := $(((93 + ((6 + 2) \times 5))^3) + 2)$
2356225 := $(5 \times ((2 - 2^6) \times 5 + 3))^2$
2358648 := $(((8 + 4) \times 6) \times ((8^5) - (3^2)))$
2358786 := $-((6 + (8 \times ((7 - (8^5)) \times (3^2)))))$
2358798 := $-((((8 \times 9) \times (7 - (8^5))) - (3 \times 2)))$
2358864 := $((4 + 68) \times ((8^5) - (3 \times 2)))$
2358936 := $((63 + 9) \times (((8^5) - 3) - 2))$
2359159 := $((9 \times (((5 - 1)^9) - (5 \times 3))) - 2)$
2359251 := $(((((1 + 5) - 2)^9) - 5) \times (3^2))$
2359268 := $((((((8^6) - 2) \times 9) - 5) - 3) - 2)$
2359269 := $((9 \times ((6 - 2)^9)) + (5 - 32))$
2359283 := $((((3 \times ((8/2)^9)) - 5) \times 3) + 2)$
2359288 := $-((8 - ((8^{2+9-5}) \times (3^2))))$
2359292 := $((((((2^9)^2) \times 9) - 5) + 3) - 2)$
2359293 := $-((3 - (9 \times ((2 \times (9 - 5))^{3 \times 2}))))$
2359294 := $((((4^9) - 2) \times 9) + ((5 + 3) \times 2))$
2359296 := $(((6 + 9) + (((2^9) - 5) \times 3))^2)$
2359298 := $((((8^{9-2}) \times 9)/(5 + 3)) + 2)$
2359313 := $((((3 \times ((1 + 3)^9)) + 5) \times 3) + 2)$
2359323 := $((3^2) \times (3 + ((9 - 5)^{3^2})))$
2359341 := $(((((1^4) + 3)^9) + 5) \times (3^2))$
2359368 := $((((8^6) + 3) \times 9) + (5 \times (3^2)))$
2359419 := $((9 \times ((1 \times 4)^9)) + ((5^3) - 2))$
2359423 := $(((3^2) \times (4^9)) + ((5^3) + 2))$
2359433 := $(((3 \times 3) \times ((4^9) + (5 \times 3))) + 2)$
2359449 := $(9 \times ((4 + (4^9)) + ((5 \times 3) - 2)))$
2359458 := $(((8 + 5) + ((4^9) + 5)) \times (3^2))$
2359828 := $(((8^{-2+8}) \times 9) + 532)$
2361954 := $((((4 \times 5) \times (9^{-1+6})) - 3) \times 2)$
2361985 := $(-(5) \times ((-(8) \times (9^{-1+6})) - ((3 + 2))))$
2362927 := $(7 \times ((2 + ((9 \times (2^6)) + 3))^2))$
2368521 := $((((((1 \times 2)^5) \times 8) \times 6) + 3)^2)$
2370816 := $((((6 + 18) \times 07)^3)/2)$
2371841 := $-((1 - ((((4 \times 8) + 1)^{7-3}) \times 2)))$
2371842 := $((((24 + 8) + 1)^{7-3}) \times 2)$
2373846 := $(6 \times ((4 + ((8 - 3)^{7-3}))^2))$
2377764 := $((-4 + (67 + 7) \times 7) \times 3)^2$
2381643 := $((3^{4+6-1}) \times ((8 + 3)^2))$
2384928 := $8 \times (-2 + 9 \times 4 + 8^3)^2$
2386578 := $-(((8 - ((7^5) \times (68 + 3))) \times 2))$
2386944 := $(((4^4) \times 9) \times ((6 + (8^3)) \times 2))$
2387025 := $((5 + ((20 \times 7) \times (8 + 3)))^2)$
2387357 := $-((7 \times (5 - ((3 + (7 \times 83))^2))))$
2387392 := $-(((2 - 9) \times ((3 + (7 \times 83))^2)))$
2391479 := $((((((9^7) - 4) - 1) - 9) + 3)/2)$
2391483 := $(((3^{8-4+1+9}) - 3)/2)$
2391849 := $((((9^{-4+8}) + 1) \times (-(9^3)))/(-2))$
2392137 := $(73 \times (1 + (2^{9+3\times2})))$
2393284 := $((4 \times 823) \times ((9^3) - 2))$
2396304 := $((((40 + 3) \times 6) \times (9 - 3))^2)$
2408704 := $(4 \times ((0780 - 4)^2))$
2421875 := $((5^7) \times (((8 + 1) + 24) - 2))$
2424573 := $-((37 \times (5 - (((4^2)^4) - 2))))$
2424832 := $(((2 + 3) + (8 \times 4)) \times (2^{4^2}))$
2426976 := $(6 \times (((79 \times (6 + 2)) + 4)^2))$
2436357 := $((7 \times 53) \times (6 + ((3^4)^2)))$
2436564 := $(4 \times ((6 - (5^6)) \times (3 - 42)))$
2437632 := $((2^{3+6}) \times ((73 - 4)^2))$
2439474 := $(((47^4) - ((9^3) + 4))/2)$
2439841 := $(1 + (4 - (8 + 9) \times 3)^4)/2$
2439844 := $(4 \times ((48 + ((9^3) + 4))^2))$
2442969 := $(((9 - 6) \times (9 + (2 \times (4^4))))^2)$
2452356 := $(((((6 \times 5) - 3) + 2) \times 54)^2)$
2453584 := $((4 \times (85^3)) - (54^2))$
2455324 := $-((4 - ((2^3) \times (554^2))))$
2455328 := $-(((8 \times (2 - 3)) \times (554^2)))$

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2455528 := $(8 \times (25 + (554^2)))$
2455568 := $(8 \times ((6 \times 5) + (554^2)))$
2457582 := $-(((2 - ((8^5) \times 75)) + (4^2)))$
2457586 := $-(((6 - ((8^5) \times 75)) + (4 \times 2)))$
2457587 := $-((7 - ((((8^5) \times 75) - 4) - 2)))$
2457589 := $-((9 - ((((8^5) \times 75) - 4) + 2)))$
2457592 := $((((2^{9+5}) \times 75) - 4) \times 2)$
2457648 := $(8 \times ((((4^6) \times 75) + 4) + 2))$
2459325 := $((5^2) \times (((3^9) \times 5) - 42))$
2464768 := $(8 \times ((6 + (7^4)) \times (64 \times 2)))$
2470613 := $((3 \times ((1 + 6)^{07})) - (4^2))$
2470629 := $((9 + (2 \times 6)) \times (07^{4+2}))$
2470743 := $-((3 \times (4 - ((7^{07}) + 42))))$
2474075 := $-((5 - (70 \times ((47 \times 4)^2))))$
2474329 := $(9 \times 23 \times 4 - 7^4)^2$
2475429 := $((((9 - 2) + (4^5)) \times (7^4)) - 2)$
2475447 := $(((7^4) \times ((4^5) + 7)) + (4^2))$
2475768 := $((86 \times (7 + 5)) \times ((7^4) - 2))$
2477476 := $((6 + ((7 \times 4) \times ((7 + 7) \times 4)))^2)$
2477659 := $((((9^5) \times 6) \times 7) - ((7^4) - 2))$
2479938 := $-(((((8 - ((3^9) \times 9)) \times 7) + 4) \times 2))$
2486658 := $-(((8^5) - ((6 \times ((6^8)/4)) + 2)))$
2489152 := $(((2^5) \times 19) \times ((8^4) - 2))$
2505377 := $(7 \times (((7 \times 3) + 50)^{5-2}))$
2509585 := $((5 + (85 \times (9^{05})))/2)$
2515396 := $((6 + (((9 \times 35) + 1) \times 5))^2)$
2515456 := $((((6 \times 5) + 4) \times (5 - 1))^{5-2})$
2516582 := $((((((2 \times 8)^5) \times 6) - 1)/5) \times 2)$
2517399 := $(9 \times (((9 - 3)^7) - (15^2)))$
2519296 := $(((6^9) - (2^9))/((1 + 5) - 2))$
2519372 := $(((2^7) \times (3^9)) - (1 \times 52))$
2519421 := $-((1 + ((((2 + 4)^9)/(1 - 5)) + 2)))$
2519422 := $-((2 - (((2 + 4)^9)/((1 + 5) - 2))))$
2519423 := $-((3 + ((((2 + 4)^9)/(1 - 5)) - 2)))$
2519424 := $((((4 - 2) + 4)^9)/((1 + 5) - 2))$
2519426 := $((((6^{2+4}) \times 9) \times (1 + 5)) + 2)$
2519428 := $-((((8 + ((2 + 4)^9))/(1 - 5)) - 2))$
2519433 := $(3 \times (3 - (((4 \times 9)^{-1+5})/(-2))))$
2519436 := $(((6^{3+4}) \times 9) + ((1 + 5) \times 2))$
2519476 := $((((6^7) + 4) \times 9) + (-((1 - 5))^2))$
2519496 := $(((6^9)/4) + (9 \times ((1 + 5) + 2)))$
2519682 := $((2^8) - (((6^9)/(1 - 5)) - 2))$
2528193 := $(3 \times (((918^2) + 5) + 2))$
2528199 := $((9 + (918^2)) \times (5 - 2))$
2537857 := $((7^5) \times (87 + ((3 + 5)^2)))$
2538763 := $-(((36 + 7) \times (8 - ((3^5)^2))))$
2544025 := $(((((5 \times 20) \times 4) \times 4) - 5)^2)$
2544224 := $(4 \times (-((2 - (2 \times 44)))^{5-2}))$
2544768 := $(8 \times ((6 \times (74 + (4 \times 5)))^2))$
2558495 := $(5 \times ((9 \times (4^8)) - (5^{5+2})))$
2558783 := $(((((3^8) \times 78) \times 5) - 5) - 2)$
2559373 := $((((3 \times 7) \times 39) \times (5^5)) - 2)$
2559948 := $(8 \times (4 - 9))^{9-5} - 52$
2564375 := $((5^{7-3}) \times (((4^6) + 5) + 2))$
2566055 := $((55 \times (06^6)) - (5^2))$
2566115 := $(5 \times ((11 \times (6^6)) + (5 + 2)))$
2566117 := $(((7 + (11 \times (6^6))) \times 5) + 2)$
2566118 := $(((8 + (11 \times (6^6))) \times 5) - 2)$
2566296 := $6 \times (9 + 2 - 665)^2$
2566355 := $(55 \times (3 + ((6 \times (6^5)) + 2)))$
2566695 := $-((5 \times (9 - (66 \times ((6^5) + 2)))))$
2571353 := $(-((3 - (5 \times ((3 + 1) \times 7))))^{5-2})$
2576813 := $-((3 - (((((1 + 8) + 6) + 7)^5)/2)))$
2576814 := $-(((4 - ((((1 + 8) + 6) + 7)^5))/2))$
2576944 := $(((4^4) + (((9 + 6) + 7)^5))/2)$
2577597 := $-((((7 + 9) - (5^7)) \times ((7 \times 5) - 2)))$
2578125 := $((5^{-2+1+8}) \times ((7 \times 5) - 2))$
2583697 := $-(((79 \times (63 - (8^5))) - 2))$
2588674 := $((((4 + 7) + 68) \times (8^5)) + 2)$
2595321 := $((1 + (23 \times ((5 + 9) \times 5)))^2)$
2598068 := $-((((8 - 60) + 8) \times ((9^5) - 2)))$
2598148 := $-((8 - ((4 + 18) \times ((9^5) \times 2))))$
2598154 := $(((4 + ((5 \times 1) \times 8)) \times (9^5)) - 2)$
2598156 := $((((6 \times 5) \times 1) - 8) \times ((9^5) \times 2))$
2598244 := $(((4 \times 4) + 28) \times ((9^5) + 2))$
2598544 := $(4 \times ((((4 + 5) \times 89) + 5)^2))$
2599344 := $((44 \times ((3^9) + 9)) \times (5 - 2))$
2608225 := $(((5 - 2) + (2 \times 806))^2)$

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2612736 $:= ((63-7)\times(216^2))$
2612738 $:= ((((8^3)\times 7)\times((2+1)^6))+2)$
2613685 $:= 5\times(8+(6-(3\times 1)^6)^2)$
2621161 $:= (((1611+2)+6)^2)$
2621395 $:= -((5\times(9-((((3+1)\times 2)^6)\times 2))))$
2621475 $:= (5\times(7+((((4\times 1)\times 2)^6)\times 2)))$
2621568 $:= ((((8^6)\times 5)+((1\times 2)^6))\times 2)$
2624395 $:= -5+(9\times 3\times(4-2^6))^2$
2627641 $:= ((1+(((4\times 67)+2)\times 6))^2)$
2628072 $:= ((((2^7)+08)+2)^{6/2})$
2633854 $:= (((-((4\times(5-(8\times 3))))^3)\times 6)-2)$
2633868 $:= (((((8+68)^3)\times 3)+6)\times 2)$
2633872 $:= ((((-((2-78))^3)+3)\times 6)-2)$
2633964 $:= (4\times((-((6-93))^3)-(6\times 2)))$
2643868 $:= -((8-((((6\times 8)\times 34)-6)^2)))$
2643876 $:= ((((6-7)+(8\times 34))\times 6)^2)$
2646272 $:= ((2^7)\times(((2\times 6)^4)-62))$
2646432 $:= -((((2\times 3)^4)\times(6-((4^6)/2))))$
2646945 $:= -((5\times((4-(9^6))+((4^6)/2))))$
2652695 $:= (5\times(((9^6)-2)-((5\times 6)^2)))$
2653583 $:= ((((3\times 8)^5)/3)-(5^{6-2}))$
2654204 $:= -((4-(((024^5)/6)\times 2)))$
2654206 $:= -(((6-(024^5))/(6/2)))$
2654208 $:= (((((8\times 0)+24)^5)/6)\times 2)$
2654224 $:= ((4^2)+(((24^5)/6)\times 2))$
2654228 $:= (((8+2)+((24^5)/6))\times 2)$
2654239 $:= ((93+(24^5))/(6/2))$
2654248 $:= (((((8+4)\times 2)^4)+5)\times(6+2))$
2654388 $:= ((8\times((8\times 3)^4))+(5\times(6^2)))$
2654395 $:= (5\times(((9\times 3)^4)-562))$
2655892 $:= -((2\times(9-(85\times((5^6)-2)))))$
2656695 $:= (5\times((9^6)-(6\times(5+(6\times 2)))))$
2656905 $:= (5\times((09^6)-((5\times 6)\times 2)))$
2656915 $:= (5\times((((1\times 9)^6)-56)-2))$
2656923 $:= (((3+2)\times((9^6)-56))-2)$
2656925 $:= (((5\times 2)\times((9^6)-56))/2)$
2656927 $:= (((7-2)\times((9^6)-56))+2)$
2656935 $:= (5\times(3+(((9^6)+5)-62)))$
2656963 $:= -((((36-(9^6))\times 5)+62))$
2656965 $:= (5\times(6+(((9^6)-56)+2)))$
2656968 $:= -(((((8\times 6)-(9^6))\times 5)-(6/2)))$
2656974 $:= -((((47-(9^6))\times 5)-(6-2)))$
2656985 $:= -(((5\times(8-(9^6)))+(5\times(6^2))))$
2656987 $:= -(((((7\times 8)-(9^6))\times 5)-62))$
2657143 $:= (((3^{4+1+7})\times 5)-62)$
2657145 $:= (5\times(((4-1)^{7+5})-(6\times 2)))$
2657169 $:= ((((((9^6)-1)-7)\times 5)+6)-2)$
2657192 $:= (((-(2)+(9^{-1+7}))\times 5)-(6/2))$
2657195 $:= 5\times(9^{175\times 6}-2)$
2657196 $:= (-(6)+(((9^{-1+7})\times 5)-(6/2)))$
2657215 $:= (5\times(((((1\times 2)\times 7)-5)^6)+2))$
2657225 $:= (5\times(2+((((2\times 7)-5)^6)+2)))$
2657265 $:= (5\times(((6/2)^{7+5})+(6\times 2)))$
2657695 $:= (5\times((9^6)-((7-56)\times 2)))$
2657792 $:= ((2^9)\times(7+(((7+5)\times 6)^2)))$
2659965 $:= -((5\times(6-(9\times((9^5)+62)))))$
2661336 $:= (6\times((3\times((31+6)\times 6))^2))$
2663424 $:= (4\times(2-4^3-6)\times 6)^2$
2678424 $:= (42\times((4^8)-((7\times 6)^2)))$
2678544 $:= -((4\times(((4-(5^8))/7)\times(6\times 2))))$
2683044 $:= (((4\times(403+8))-6)^2)$
2684739 $:= -((9-(3\times(((7+4)\times 86)^2))))$
2686445 $:= (5\times((4+(((4\times 6)/8)^6))^2))$
2687085 $:= -((((5^8)-((07^8)-6))/2))$
2712609 $:= (90\times 6-(2+1)^7)^2$
2715932 $:= (23\times((((9^5)\times 1)-7)\times 2))$
2722572 $:= (((2\times(7^5))-2)\times((2+7)^2))$
2722732 $:= ((2\times((((3\times 7)^2)^2)\times 7))-2)$
2722736 $:= (((((63\times 7)^2)\times 2)\times 7)+2)$
2725888 $:= (88\times((((8+5)^2)+7)^2))$
2729376 $:= (((6^7)\times 3)+((9\times 2)^{7-2}))$
2731568 $:= (8\times(((((6\times 5)-1)^3)\times 7)\times 2))$
2731572 $:= (2\times((((7+51)^3)\times 7)+2))$
2734375 $:= ((5^7)\times((((3+4)+3)\times 7)/2))$
2734385 $:= (5\times((((8-3)^{4+3})\times 7)+2))$
2734485 $:= (((((5^8)+4)+(4\times 3))\times 7)-2)$
2737947 $:= (((7-4)\times(97^3))-72)$
2737996 $:= -((((6-9)\times((97^3)-7))+2))$

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2739025 := $(5 \times (2 - 09 \times 37))^2$
2739375 := $((5^{7-3}) \times (9 + ((3^7) \times 2)))$
2742336 := $((((6^3)/3) \times ((2^4) + 7))^2)$
2747168 := $(8 \times (((6 + ((1 + 7)^4))/7)^2))$
2751924 := $(42 \times ((((9 - 1)^5) - 7) \times 2))$
2752464 := $((4 \times 6) \times (((4^{2+5}) \times 7) - 2))$
2752466 := $((((6^6) - 4) \times (2 + 57)) - 2)$
2752848 := $-(((8 + (4^8)) \times (((2 - 5) \times 7) \times 2)))$
2757414 := $(41 \times ((4 \times ((7^5) + 7)) - 2))$
2766495 := $-((5 \times ((9^4) + ((6 - (6^7)) \times 2))))$
2767713 := $((((3 + 1)^7) - 7) \times ((6 + 7)^2))$
2768888 := $-((8 - ((((8 + 8) \times 8) \times (6 + 7))^2)))$
2768896 := $(((((6 + 9) \times 8) + 8) \times (6 + 7))^2)$
2769487 := $7 \times (8 - 49 \times (6 + 7))^2$
2773155 := $(((55 \times 1) \times 3) \times (7^{7-2}))$
2775303 := $(((3 \times 03)^5) \times ((7 \times 7) - 2))$
2775556 := $(((6 - 55) \times 5 + 7) \times 7)^2$
2785875 := $(5 \times ((7 + (8^5)) \times ((8 + 7) + 2)))$
2788385 := $-((5 \times (8 - ((3^8) \times (87 - 2)))))$
2794762 := $(((2 \times 6) \times ((7^4) \times 97)) - 2)$
2794766 := $(((6 + 6) \times ((7^4) \times 97)) + 2)$
2795584 := $((((((4 \times 8) + 5) \times 5) \times 9) + 7)^2)$
2822404 := $(((40 \times 42)^2) + (8/2))$
2823572 := $(2 \times ((((7^5) \times 3) \times 28) - 2))$
2823573 := $-((3 - ((((7^5) \times 3) \times 28) \times 2)))$
2823576 := $((6 \times (7^5)) \times (((3 \times 2) + 8) \times 2))$
2823674 := $(((4 + (7^6)) \times (32 - 8)) + 2)$
2823768 := $(((8 \times 6) \times (((7^3)^2) + 8))/2)$
2825761 := $(((1675 - 2) + 8)^2)$
2829124 := $(4 \times ((((2 + 1) \times 9) + 2)^{8/2}))$
2829492 := $((((29^4) + 92) \times 8)/2)$
2832489 := $(((9 + ((8 + 4)^2)) \times (3 + 8))^2)$
2834136 := $-(((6^3) \times ((1^4) - ((3^8) \times 2))))$
2834196 := $(6 \times ((((9^{1+4}) - 3) \times 8) - 2))$
2834288 := $-((8 \times (8 - ((2 + 4) \times (3^{8+2})))))$
2834336 := $(((((6 \times 3) \times 3)^4)/3) - (8 \times 2))$
2834346 := $(((6^4) \times (3^{4+3})) - (8 - 2))$
2834352 := $(((2^5) \times ((3^4)^3))/(8 - 2))$
2834368 := $(8 \times ((((6^3)/4) \times (3^8)) + 2))$
2834384 := $(4 \times (8 + ((3 \times 4) \times (3^{8+2}))))$
2837368 := $-((8 - ((6^3) \times ((7 + (3^8)) \times 2))))$
2838448 := $((8^4) + (48 \times (3^{8+2})))$
2838528 := $((82 - 5) \times (((8 \times 3) \times 8)^2))$
2839225 := $((-(5) \times (-(2) - ((-((2 - 9))^3) - 8)))^2)$
2839698 := $((((8 + 9)^{(6+9)/3}) - 8) \times 2)$
2839712 := $-2 + 17^{-9/3+8} \times 2$
2846016 := $(61 \times (06^{(4+8)/2}))$
2849344 := $(4^4 - (3^{9-4} \times 8))^2$
2852721 := $(1 - (2^7 + 2) \times (5 + 8))^2$
2861566 := $-((((((6 + 6)^5) + 1) - (6^8)) \times 2))$
2861568 := $((8 \times (6^5)) \times (((1 \times 6) \times 8) - 2))$
2862256 := $-(((6 - ((5^2)^2)) \times (68^2)))$
2863178 := $((8 \times (((71^3) - 6) - 8)) + 2)$
2866392 := $(((((2 \times 9)^3) - 6) \times 6) \times 82)$
2872559 := $-(((((9^5)/(5 - 2)) - (7^8))/2))$
2875836 := $-(((6 + (3^8)) - ((5 + (7^8))/2)))$
2879236 := $-(((6329 - (7^8))/2))$
2879328 := $((((8 + ((2 \times 3)^9))/7) - 8) \times 2)$
2882358 := $(-85 + (-3 + 2 + 8)^8)/2$
2882387 := $(((((7^8) - 3)/2) - 8) - (8/2))$
2882391 := $(-19 + (3 - 2 - 8)^8)/2$
2882393 := $-3 + (-9 + (3 - 2 - 8)^8)/2$
2882394 := $(-4 - 9 + (3 - 2 - 8)^8)/2$
2882397 := $-(((7 - ((9 + ((3 \times 2) - 8))^8))/2))$
2882792 := $-(((2 + 9) \times (72 - (8^{8-2}))))$
2883144 := $(44 \times ((((1 + 3)^8) - 8) - 2))$
2883234 := $-((((4 - (32^3)) \times 88) - 2))$
2883551 := $-((((1 + 5) + 5) \times (3 - (8^{8-2}))))$
2883581 := $-((1 - (((8^5) \times ((3 + 8) \times 8)) - 2)))$
2883582 := $-((2 - ((8^5) \times ((3 \times 8) + (8^2)))))$
2883583 := $-((3 - (((8^5) \times ((3 + 8) \times 8)) + 2)))$
2883584 := $((4 \times (8^5)) \times (38 - (8 \times 2)))$
2883586 := $(((-((6 - 8))^{5\times3}) \times 88) + 2)$
2883588 := $(((8 \times (8^5)) \times (3 + 8)) + (8/2))$
2883683 := $((3 + 8) \times ((6 + 3) + (8^{8-2})))$
2883688 := $(((8 + (8^6)) \times (3 + 8)) + (8 \times 2))$
2883689 := $(((9 + (8^6)) \times (3 + 8)) + (8 - 2))$
2884288 := $((88/2) \times ((4^8) + (8 \times 2)))$

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2889658 := $((((8^5)+69)\times 88)+2)$
2889816 := $6\times((1-8)\times 98-8)^2$
2892666 := $-((6-((6^6)\times(((2^9)/8)-2))))$
2892672 := $(((2+7)\times 62)\times((9\times 8)^2))$
2893597 := $((7+((9^5)-3))\times(98/2))$
2893737 := $((7\times 3)\times((7\times(3^9))+(8\times 2)))$
2894283 := $(((3^8)+2)\times(((4+9)+8)^2))$
2896896 := $(69\times(((8-6)^9)\times 82))$
2920681 := $((1-860)\times 2+9)^2$
2926125 := $(5\times(((21\times(6^2))+9)^2))$
2927521 := $((((1\times 2)+57)\times 29)^2)$
2929593 := $-(((3\times((9-(5^9))/2))+(9^2)))$
2934369 := $(9+6-3\times 4^3\times 9)^2$
2939328 := $(((8^2)\times((3^9)/3))\times(9-2))$
2939349 := $(((((9\times 4)^3)\times 9)+3)\times(9-2))$
2939657 := $(7\times(((5+(6^{9-3}))\times 9)+2))$
2941225 := $((5+2)^{2+1}\times(4-9))^2$
2944656 := $((6-(5\times((6-44)\times 9)))^2)$
2949158 := $(((((8^5)\times(1+9))+4)\times 9)+2)$
2949849 := $(9\times(((4^8)\times(9-4))+(9^2)))$
2952936 := $(6\times(((3^9)\times 25)+(9^2)))$
2957312 := $(2\times((1+(((3^7)\times 5)/9))^2))$
2958375 := $(((5\times 7)^3)\times((8+59)+2))$
2965282 := $-((2-((82\times((5\times 6)-9))^2)))$
2981958 := $(((8^5)\times 91)+((8\times 9)-2))$
2985464 := $(((((4\times 6)^4)-58)\times 9)+2)$
2985626 := $(((6\times 2)^6)-(((5\times 8)\times 9)-2))$
2985634 := $(((4\times 3)^6)-(5\times((8\times 9)-2)))$
2985892 := $((((2\times 9)\times 8)^{-5+8})-(92))$
2985966 := $(((6+6)^{9+5-8})-(9\times 2))$
2985968 := $-((8\times(((6^9)/((5-8)\times 9))+2)))$
2985982 := $-((2-((((8\times 9)^5)/8)/(9^2))))$
2985984 := $(4\times(((((8+9)-5)\times 8)\times 9)^2))$
2986016 := $((6+10)\times(((6^8)/9)+2))$
2986048 := $(8\times((4+((06^8)/9))\times 2))$
2986057 := $((((7+5)^{06})-8)+(9^2))$
2986075 := $((((5+7)^{06})+89)+2)$
2986084 := $((((4+8)^{06})+8)+92)$
2986162 := $((((2\times 6)\times 1)^6)+(89\times 2))$
2986273 := $((((3+7)+2)^6)+((8+9)^2))$
2986368 := $(8\times((((6^3)+(6^8))/9)\times 2))$
2986568 := $8\times(6-5-68\times 9)^2$
2986626 := $((((6\times 2)^6)-6)+(8\times(9^2)))$
2986632 := $((2^3)\times(((6^6)\times 8)+(9^2)))$
2986675 := $((((5+7)^6)+689)+2)$
2986688 := $(8\times((8\times(6^6))+(8\times(9+2))))$
2999824 := $((4+((2\times 8)\times(9+99)))^2)$
3046875 := $((5^7)\times(((8-6)+40)-3))$
3048625 := $((5+((2\times 68)+4))^{03})$
3079329 := $((9+2)\times((-((3-9))^7)+03))$
3111453 := $-(((3^5)-((41+1)^{1+3})))$
3111696 := $((((6+9)+6)\times(1+1))^{1+3})$
3112128 := $-((8-((2+(12^{1+1}))^3)))$
3112136 := $((((6\times(3-1))^2)+(1+1))^3)$
3125688 := $8\times(86+5^{(2\times 1)^3})$
3127323 := $(3-2^{3+7})^2\times 1\times 3$
3145671 := $((((((1+7)^6)-5)\times 4)+1)\times 3)$
3145686 := $((6+(((8^6)-5)\times 4))\times(1\times 3))$
3145719 := $((((((9\times 1)+7)^5)-4)+1)\times 3)$
3145722 := $-(((2-((27+5)^4))\times(1\times 3)))$
3145724 := $-((4-((((27+5)^4)\times 1)\times 3)))$
3145728 := $(((8\times((2+7)-5))^4)\times(1\times 3))$
3145731 := $(((((1\times 37)-5)^4)+1)\times 3)$
3145734 := $(((4^{3+7})+((5-4)+1))\times 3)$
3145746 := $((6+(((4+7)+5)^{4+1}))\times 3)$
3145848 := $(8\times((4+(((8^5)\times 4)+1))\times 3))$
3146829 := $((((92+(8^6))\times 4)-1)\times 3)$
3149255 := $-((5\times(5-(((2\times 9)^{4+1})/3))))$
3149256 := $(6\times((5\times((2\times 9)^4))-(1+3)))$
3149265 := $(5\times((6\times((2\times 9)^4))-(1\times 3)))$
3149295 := $(5\times((9+((2\times 9)^{4+1}))/3))$
3176523 := $(((((32-5)-6)\times 7)\times 1)^3)$
3176709 := $(((9\times((07^6)+7))-1)\times 3)$
3176736 := $((((6+3)\times(7^6))+71)\times 3)$
3176739 := $(((9\times 3)\times(7^6))+((7-1)^3))$
3176793 := $((3\times 9)\times((((7^6)+7)\times 1)+3))$
3183597 := $(((((7+95)^3)-8)-1)\times 3)$
3186247 := $-((((7^4)-2)-(6\times(81^3))))$

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3188376 $:= -((6 \times ((7+38) - (81^3))))$
3188436 $:= -((6 \times ((3+(4 \times 8)) - (81^3))))$
3188556 $:= (6 \times ((5 \times (5-8)) + (81^3)))$
3188564 $:= -((4+(6 \times ((5+8) - (81^3)))))$
3188598 $:= (((8-9)-5) \times (8-(81^3)))$
3188638 $:= -((8+((3 \times (6-8)) \times (81^3))))$
3188643 $:= -((3-(((4-6)+8) \times (81^3))))$
3188646 $:= (6 \times ((((4+68)+8)+1)^3))$
3188662 $:= ((2^6) - (6 \times (8-(81^3))))$
3188673 $:= -(((3 \times 7) - (6 \times (8+(81^3)))))$
3188676 $:= (6 \times (((7+6)-8) + (81^3)))$
3188683 $:= -(((3+8) - (6 \times (8+(81^3)))))$
3188692 $:= -((2-(((9^6)+8) \times ((8+1)-3))))$
3188694 $:= (((4 \times 9)/6) \times (8+(81^3)))$
3188696 $:= ((6 \times ((9^6)+8)) + (8/(1+3)))$
3188976 $:= (6 \times (((7 \times 9)-8) + (81^3)))$
3189186 $:= (6 \times ((81+9) + (81^3)))$
3217767 $:= (7 \times (((677+1)^2) - 3))$
3218513 $:= (31 \times (((5 \times (8+1))+2)^3))$
3222928 $:= (82 \times ((((9 \times 2) \times 2) - 2)^3))$
3223716 $:= (6 \times (((1+732)^2) - 3))$
3223734 $:= (((4+((3^7)/3))^2) \times (2 \times 3))$
3226572 $:= (((((2 \times 7)^5) - 62) \times 2) \times 3)$
3227256 $:= (6 \times (52+((7 \times 2)^{2+3})))$
3232539 $:= ((((((9^3)+5)^2) \times 3) \times 2)+3)$
3233984 $:= (((4+(8 \times (9-3)))^3) \times 23)$
3234816 $:= (((6-1)+8) \times ((4 \times 3)^{2+3}))$
3241792 $:= ((((297-1)/4) \times 2)^3)$
3250812 $:= (2-1805)^2+3$
3255136 $:= -(((((6^3)+1) - (((5^5)^2))/3))$
3255181 $:= -((((1+81) - (((5^5)^2))/3))$
3255182 $:= (((2-81) + (((5^5)^2))/3)$
3255186 $:= -((((68-1) - (((5^5)^2))/3))$
3255195 $:= -((((5 \times (9-1)) - (((5^5)^2))/3))$
3255205 $:= (((5 \times (0-2)) + (((5^5)^2))/3)$
3255209 $:= (((((9 \times 0)+25)^5)+2)/3)$
3255225 $:= (52+25^5-2)/3$
3263547 $:= (((7 \times (453-6))^2)/3)$
3265915 $:= -((5 \times (1-((9+5) \times ((6^2)^3)))))$
3265935 $:= (5 \times (3+((9+5) \times ((6^2)^3))))$
3277457 $:= -(((7^5) - (4 \times ((7^7)+23))))$
3292515 $:= (5 \times ((((1+5) \times 29)/2)^3))$
3294077 $:= ((((7^7) \times 04) - 92) - 3)$
3294177 $:= (((((7^7)+1) \times 4)+9) - (2^3))$
3294184 $:= (4 \times (((8-(1^4))^{9-2})+3))$
3294187 $:= (((7^{8-1}) \times 4) + ((9 \times 2) - 3))$
3296748 $:= (84 \times (((7^6)+92)/3))$
3296875 $:= (-((5^7)) - (-(8) \times (-((6-(9^2)))^3)))$
3308226 $:= ((6+(2 \times ((2+80)^3))) \times 3)$
3308256 $:= (6 \times (5+(((2+80)^3)+3)))$
3311289 $:= (((((9^8)-2)-1)/13)+3)$
3316897 $:= -((7-((9+8) \times ((61-3)^3))))$
3322293 $:= (39 \times (((2 \times 22)^3)+3))$
3327756 $:= -((6 \times (5-((7^{7-2}) \times 33))))$
3333456 $:= (6 \times ((((54+3)^3) \times 3) - 3))$
3337929 $:= (((9 \times 29) \times 7)^{(3+3)/3})$
3339549 $:= ((9^4) \times (((5+(9/3))^3) - 3))$
3342489 $:= ((9+8) \times ((((4^2)^4)+3) \times 3))$
3343665 $:= (5 \times ((((6^6)/3) \times 43) - 3))$
3355862 $:= (((2 \times (6^8))+5) - ((5 \times 3)^3))$
3358764 $:= (4 \times ((((6^7) - (8 \times 5)) \times 3)+3))$
3358896 $:= ((((6^9)-8) - (8 \times (5^3)))/3)$
3358989 $:= (9 \times (((8 \times 9)^{8-5}) - (3^3)))$
3359169 $:= -((9 \times ((6+1) - ((9 \times (5+3))^3))))$
3359227 $:= ((((7-(2/2))^9) - (5 \times 3))/3)$
3359231 $:= (((1+(((3 \times 2)^9)+5))/3)-3)$
3359234 $:= ((4+((((3 \times 2)^9)+5)-3))/3)$
3359235 $:= (((5 \times ((3 \times 2)^9)))/(5 \times 3))+3)$
3359236 $:= (((6^{3^2}) + ((9-5) \times 3))/3)$
3359237 $:= ((7+((((3 \times 2)^9)+5)+3))/3)$
3359259 $:= (9 \times ((5-2)+((9 \times (5+3))^3)))$
3359262 $:= (((2 \times (6^{-2+9})) + (5)) \times (3+3))$
3359286 $:= ((((6^8) \times 2)+9) + ((5 \times 3) \times 3))$
3359375 $:= ((5^7) \times ((39-5) + (3 \times 3)))$
3359376 $:= ((((6^7)+3)+9) \times ((5 \times 3) - 3))$
3359799 $:= (9 \times ((9 \times 7) + ((9 \times (5+3))^3)))$
3362797 $:= -(((((7^9)-7)/((2-6) \times 3))+3))$
3365793 $:= ((3^9) \times ((75-(6 \times 3)) \times 3))$

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3374583 $:= (3 \times ((8 \times ((5+47)^3)) - 3))$
3374586 $:= -((6 - (8 \times (((5+47)^3) \times 3))))$
3374592 $:= ((2^9) \times ((((5 \times 4) - 7)^3) \times 3))$
3374986 $:= -(((6+8) - ((9 + (47 \times 3))^3)))$
3374991 $:= -(((1 \times 9) - ((9 + (47 \times 3))^3)))$
3374995 $:= -((5 - ((((9 \times 9) - 4) + 73)^3)))$
3374997 $:= (((((7 \times 9) + 94) - 7)^3) - 3)$
3374999 $:= -(((9/9) - ((9 + (47 \times 3))^3)))$
3375003 $:= (((-((300/(5-7)))^3) + 3)$
3376528 $:= (8 \times (2 + (((5^6) + 7) \times (3^3))))$
3412935 $:= (((53 \times 9)^2) \times ((1+4) \times 3))$
3417958 $:= -((8 - (((((5^9) \times 7) + 1)/4) - 3)))$
3417972 $:= (((((-((2-7))^9) \times (-7)) - 1)/(-4)) + 3)$
3424361 $:= (1 - 6 \times 3)^4 \times (-2 + 43)$
3428352 $:= (((2^{5+3}) - 8) \times (24^3))$
3441667 $:= -(((7 - (6^{6-1})) \times 443))$
3442688 $:= (((88-6)^2) \times ((4+4)^3))$
3442951 $:= (((15+92)+44)^3)$
3445435 $:= ((5 \times ((3+4)^5)) \times (44-3))$
3463911 $:= -((11 \times ((9 - ((3 \times 6)^4)) \times 3)))$
3469824 $:= ((4 + ((2^8) - 9)) \times ((6 \times 4)^3))$
3479616 $:= (((6^{-1+6}) - 9) \times (7 \times (4^3)))$
3482859 $:= (((9 \times (5^8)) + 2) - ((8 \times 4)^3))$
3483642 $:= -(((2 - (((4 \times 6)^3) \times 84)) \times 3))$
3483644 $:= -((4 - ((((4 \times 6)^3) \times 84) \times 3)))$
3483648 $:= (((((8-4) \times 6)^3) \times 84) \times 3)$
3492544 $:= -(((4-45) \times (((2+9) \times 4)^3)))$
3497859 $:= (9 \times ((5^8) - ((7 \times 94) \times 3)))$
3499875 $:= ((5 \times (7+8)) \times (9 + ((9 \times 4)^3)))$
3511799 $:= -((9 - ((97 + (11 \times 5))^3)))$
3511808 $:= (8 \times (((081 \times 1) - 5)^3))$
3515594 $:= (-(4) - (-(9) \times (((5 \times 5)^{-1+5}) - 3)))$
3515625 $:= ((5^{2 \times 6-5}) \times (15 \times 3))$
3515759 $:= ((9 \times (((5^7) \times 5) + 1)) + (5^3))$
3515949 $:= (9 \times ((4 \times 9) + (5^{1 \times 5+3})))$
3518667 $:= ((((76 \times 6)/8)^{-1+5})/3)$
3519376 $:= (((67 \times ((3 \times 9) + 1))^{5-3})$
3529467 $:= -((((7^6) \times ((4-9) - 25)) + 3))$
3536492 $:= ((((29^4) + (6 \times 3)) \times 5) - 3)$
3538476 $:= -((6 \times ((((7 - (4^8)) \times 3) + 5) \times 3)))$
3538884 $:= (4 \times (((8+88)^3) - (5 \times 3)))$
3538929 $:= ((9 \times ((2^{9+8}) \times 3)) - (5 \times 3))$
3538942 $:= -((2 - (4 \times (((98+3) - 5)^3))))$
3538944 $:= (4 \times (((((4+9) \times 8) - 3) - 5)^3))$
3542964 $:= (4 \times (6 + (((9^{2+4}) \times 5)/3)))$
3543122 $:= 2 \times (2-13)^{4+5-3}$
3545856 $:= ((6^5) \times ((8-5) + 453))$
3563777 $:= (7 \times ((7^7) - ((3+65)^3)))$
3566592 $:= -(((2 - (9 \times 5)) \times (((6+6)^5)/3)))$
3576742 $:= (2 \times (((4+7)^6) + ((7^5) + 3)))$
3577728 $:= (((8-2) \times 7) \times (((7 \times 7) - 5)^3))$
3579891 $:= ((((1+9) \times 8) - 9) \times ((7^5) \times 3))$
3586446 $:= -((6 \times ((4 \times (4^6)) - (85^3))))$
3595278 $:= ((((87^2) \times 5) \times 95) + 3)$
3609576 $:= -(((6 - ((7^5) - 90)) \times (6^3)))$
3612672 $:= ((2^{7+6}) \times (21^{6/3}))$
3631688 $:= -((8 - (8 \times (((61^3) \times 6)/3))))$
3639168 $:= (((8+61)+9) \times (36^3))$
3639375 $:= -(((5^{7-3}) \times (9 - ((3 \times 6)^3))))$
3647079 $:= (9 \times (7 + (074^{6-3})))$
3649536 $:= ((6 \times (35+9)) \times ((4 \times 6)^3))$
3652257 $:= -((7 - ((((5+2) \times 2) \times (5+6))^3)))$
3652262 $:= -((2 - (((6-2) + (25 \times 6))^3)))$
3652264 $:= (((((4+6)^2) - 2) + 56)^3)$
3652328 $:= ((8^2) + (((32 \times 5) - 6)^3))$
3654996 $:= -(((69 - (9^4)) \times 563))$
3656223 $:= ((3^2) \times ((26 \times (5^6)) - 3))$
3656229 $:= -(((9 \times (2 - (26 \times (5^6)))) + 3))$
3656235 $:= -(((5 - ((3 \times 26) \times (5^6))) \times 3))$
3656276 $:= ((6+7) \times (2 + (6 \times ((5^6) \times 3))))$
3656367 $:= (((7 \times 6) - 3) \times ((6 \times (5^6)) + 3))$
3657879 $:= -((9 - (78 \times ((7 + (5^6)) \times 3))))$
3671875 $:= ((5^7) \times ((((8 \times 1) \times 7) - 6) - 3))$
3675648 $:= (8 \times (((4^6) \times 5) + (76^3)))$
3678724 $:= ((4 - 278) \times 7)^{6/3}$
3687936 $:= -(((6 - (3 \times 9)) \times ((7 \times 8)^{6-3})))$
3691478 $:= ((((8^7) + 4) - 1) + ((9^6) \times 3))$
3718383 $:= (((((3^8) - 3) \times 81) \times 7) - 3)$

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$3723875 := (((((5-7)+83)\times 2)-7)^3)$
$3732475 := -((5-(((74-2)^3)\times(7+3))))$
$3748096 := (((6\times((9\times 0)+8))-4)^{7-3})$
$3748169 := (9-61+8)^4+73$
$3748312 := 2\times(1-38)^4-7-3$
$3748322 := (2\times(((2+3)+(8\times 4))^{7-3}))$
$3748439 := ((((9+3)+(4\times 8))^4)+(7^3))$
$3748699 := -(((((9-(9^6))-(8^4))\times 7)-3))$
$3749848 := -((8-(48\times(((9-4)^7)-3))))$
$3759453 := 3^{-5+4+9}\times 573$
$3759459 := ((9\times(((5^4)+(9^5))\times 7))-3)$
$3764695 := -(((((5+9)^6)/(4-6))+73))$
$3764768 := (((8+6)^7)/(((4\times 6)+7)-3))$
$3767815 := -((5\times((1\times 8)-(((7+6)\times 7)^3))))$
$3767825 := (5\times((2-8)+(((7+6)\times 7)^3)))$
$3767855 := (5\times((((5+87)+6)-7)^3))$
$3767865 := -((5\times((6-8)-(((7+6)\times 7)^3))))$
$3772575 := (575\times((2+7)^{7-3}))$
$3773077 := ((7+(70^3))\times((7+7)-3))$
$3774372 := -((2\times((((7\times 3)^4)-(7^7))\times 3)))$
$3778896 := (((((6^9)/8)-87)+7)\times 3)$
$3779328 := ((8^2)\times(((3^9)+(7/7))\times 3))$
$3779486 := (((((6^8)/4)\times 9)+7)+(7^3))$
$3781575 := ((5\times(7^5))\times(((1\times 8)+7)\times 3))$
$3796416 := ((((61+4)-6)+97)^3)$
$3796875 := (5\times((7+8)^{6+9-7-3}))$
$3796878 := ((8+((((7+8)^6)/9)-7))\times 3)$
$3816336 := (6\times(((33+61)-8)^3))$
$3837776 := -(((6^7)+(((7^7)\times(3-8))+3)))$
$3840243 := (((3^4)+((20^4)\times 8))\times 3)$
$3840264 := ((4\times 6)\times(((20^4)+8)+3))$
$3841673 := (37\times(6+(-((1-48))^3)))$
$3843202 := (2\times((02+((3+4)^8))/3))$
$3843228 := ((82+(2\times((3+4)^8)))/3)$
$3843359 := ((95^3)+((3\times 48)^3))$
$3859573 := (-(3)+(7\times(-(((5-95)+8))^3)))$
$3865221 := (((((1\times 22)^5)\times 6)/8)-3)$
$3865224 := ((((4+(22^5))\times 6)/8)-3)$
$3865228 := (((8+((22^5)\times 6))/8)+3)$
$3865368 := ((((((8+6)-3)^5)+6)\times 8)\times 3)$
$3865386 := ((6+((((8+3)^5)+6)\times 8))\times 3)$
$3866472 := (((2-74)+(6^6))\times 83)$
$3866624 := -(((4^{2+6})\times((6-68)+3)))$
$3866628 := (82\times((6^6)+(6\times 83)))$
$3868215 := (-51+(2-8)^6)\times 83$
$3869878 := -(((8+7)-((89+68)^3)))$
$3869893 := (((((3\times 9)\times 8)+9)-68)^3)$
$3869896 := -(((6-9)-((89+68)^3)))$
$3875236 := -(((((6+3)\times 2)^5)-((7^8)+3)))$
$3893395 := (-(5)\times(9-(-(((3+3)-98))^3)))$
$3893475 := (-(5)\times(-(7)-(-((4-((3+9)\times 8)))^3)))$
$3895864 := (4\times((6+(8^5))+(98^3)))$
$3897432 := (2\times(((3^{4+7})+9)\times(8+3)))$
$3898657 := (((7+5)^6)+((89+8)^3))$
$3906295 := (((5^9)\times 2)+((6+09)\times 3))$
$3918464 := (46\times(-((4\times(8-19)))^3))$
$3931775 := -((5\times(77-(((1+3)^9)\times 3))))$
$3931985 := -((5\times(8+((9-((1+3)^9))\times 3))))$
$3932155 := -((5-(5\times((((1^2)+3)^9)\times 3))))$
$3932295 := (5\times((9+(((2/2)+3)^9))\times 3))$
$3932745 := (5\times(((4^{7+2})+39)\times 3))$
$3935585 := -((5\times(((8\times 5)\times(5-(3^9)))+3)))$
$3936585 := (5\times(((8\times 5)\times((6-3)^9))-3))$
$3942396 := (((69^3)+24)\times(9+3))$
$3943095 := (5\times(((9^{03})+(4^9))\times 3))$
$3944165 := (5\times(((6+1)^4)+((4^9)\times 3)))$
$3944311 := (-(1)+(-((1-(3\times(4+49))))^3))$
$3944312 := (((2\times((1\times 3)^4))-4)^{9/3})$
$3954396 := (((69^3)+(4^5))\times(9+3))$
$3956376 := ((67\times((3+6)^5))+93)$
$3981309 := ((((9+03)^{-1+8})/9)-3)$
$3981315 := (((((5-1)\times 3)^{-1+8})/9)+3)$
$3984375 := ((5^7)\times((3\times 48)-93))$
$3987375 := (((5\times 7)^3)\times((7+89)-3))$
$3998416 := (((61\times(4^8))-9)+(9^3))$
$4100625 := (((52-6)-001)^4)$
$4117565 := -((5\times((6\times 5)-(7^{11-4}))))$
$4117675 := (5\times(((7^6)\times 7)-((1+1)\times 4)))$

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4117705 := $(5 \times ((((07^{7}) + 1) + 1) - 4))$
4117765 := $(((5 + 6) + ((7^{7}) - 1)) \times (1 + 4))$
4117768 := $((8 \times 6) + (((7^{7}) + 1) \times (1 + 4)))$
4117769 := $((9 \times 6) + ((7^{7}) \times ((1 \times 1) + 4)))$
4117775 := $(5 \times (((((7^{7}) + 7) + 1) \times 1) + 4))$
4117785 := $(((5 + 8) + ((7^{7}) + 1)) \times (1 + 4))$
4117795 := $(5 \times (9 + (((7^{7}) + 11) - 4)))$
4117835 := $(5 \times ((3 \times 8) + (7^{11-4})))$
4128768 := $((((8^{6}) \times 7) \times ((8 + 2) - 1))/4)$
4128894 := $((((4^{9}) + 8) \times ((8^{2}) - 1))/4)$
4148871 := $(-(1) - (-(7) \times (-(8) + (84^{-1+4}))))$
4148924 := $(-(4) - ((2 - 9) \times (84^{-1+4})))$
4148928 := $(((8 \times 2) - 9) \times (84^{-1+4}))$
4149248 := $-(((8^{4}) \times ((2 + 9) - (4^{1+4}))))$
4168136 := $((((6^{3}) + 1) \times 8) \times ((6 + 1)^{4}))$
4173263 := $(-((3 \times 6)) + ((23 \times 7)^{-1+4}))$
4173272 := $(-((2 + 7)) + ((23 \times 7)^{-1+4}))$
4173279 := $(-((9 - 7)) + ((23 \times 7)^{-1+4}))$
4173281 := $(-(((1 - 8) \times 23))^{7 \times 1-4})$
4178304 := $((403 \times 8) \times ((7 - 1)^{4}))$
4192479 := $(((9 \times 7) + (4 \times 2)) \times (9^{1+4}))$
4193684 := $(((4 \times ((8^{6}) - 39)) + 1) \times 4)$
4193782 := $(2 \times ((8^{7}) - (3 \times (91 - 4))))$
4193792 := $-(((2^{9}) - (((7 - 3)^{9+1}) \times 4)))$
4194062 := $-((2 + ((60 - (4^{9+1})) \times 4)))$
4194064 := $-((4 \times (60 - (((4^{9}) \times 1) \times 4))))$
4194172 := $-(((2^{7}) + ((1 - (4^{9+1})) \times 4)))$
4194178 := $(((8^{7+1})/4) - (9 \times 14))$
4194192 := $-((((29 - 1) - (4^{9+1})) \times 4))$
4194212 := $-((((21 + 2) - (4^{9+1})) \times 4))$
4194223 := $-((((3^{2})^{2}) - ((4^{9+1}) \times 4)))$
4194224 := $(((4 \times 2) \times 2) \times (((4^{9}) - 1) - 4))$
4194232 := $-((((2 \times (3^{2})) - (4^{9+1})) \times 4))$
4194251 := $-(((1 + 52) - ((4^{9+1}) \times 4)))$
4194256 := $((6 + (5 \times 2)) \times (((4^{9}) + 1) - 4))$
4194257 := $-((7 + (((5 \times 2) - (4^{9+1})) \times 4)))$
4194259 := $-(((9 \times 5) - (2^{4 \times 9-14})))$
4194264 := $((((4^{6})^{2})/4) - ((9 + 1) \times 4))$
4194266 := $-((((6 \times 6) + 2) - ((4^{9+1}) \times 4)))$
4194268 := $(((8^{6}) \times (2^{4})) - ((9 \times 1) \times 4))$
4194272 := $(((2^{(7-2) \times 4}) - (9 - 1)) \times 4)$
4194274 := $-((((4 \times 7) + 2) - ((4^{9+1}) \times 4)))$
4194277 := $-((7 + (((7 - 2) - (4^{9+1})) \times 4)))$
4194292 := $((2^{9 \times 2+4}) - ((9 - 1) + 4))$
4194294 := $((4^{9+2}) - (((4 + 9) + 1) - 4))$
4194299 := $((((9 + 9) - 2) \times (4^{9})) - (1 + 4))$
4194302 := $-((2 - ((((0 \times 3) + 4)^{9+1}) \times 4)))$
4194303 := $((3/(0 - 3)) + ((4^{9+1}) \times 4))$
4194304 := $(4^{034-9-14})$
4194306 := $((6/03) + ((4^{9+1}) \times 4))$
4194307 := $(((7 \times 0) + 3) + ((4^{9+1}) \times 4))$
4194308 := $-((8 + (((0 - 3) - (4^{9+1})) \times 4)))$
4194311 := $-((1 + (((1 - 3) - (4^{9+1})) \times 4)))$
4194312 := $(((2 \times 1)^{3}) + ((4^{9+1}) \times 4))$
4194313 := $(((3 \times 1) \times 3) + ((4^{9+1}) \times 4))$
4194315 := $-((5 - ((1 + 3) \times (((4^{9}) + 1) \times 4))))$
4194316 := $((((6 \times 1) - 3) + (4^{9+1})) \times 4)$
4194318 := $-((((8 \times (1 - 3)) \times (4^{9})) - 14))$
4194322 := $-((2 - (((2 + 3) + (4^{9+1})) \times 4)))$
4194324 := $(4 \times ((2 + 3) + (((4^{9}) \times 1) \times 4)))$
4194325 := $(((5 + 2) \times 3) + ((4^{9+1}) \times 4))$
4194328 := $(8 \times ((2 \times (3 + (4^{9}))) + (1 - 4)))$
4194331 := $(((1 \times 3)^{3}) + ((4^{9+1}) \times 4))$
4194332 := $-((((2 - (3 \times 3)) - (4^{9+1})) \times 4))$
4194335 := $-((5 - (((3 \times 3) + (4^{9+1})) \times 4)))$
4194336 := $((((6/3)^{3}) + (4^{9+1})) \times 4)$
4194337 := $((7 \times 3) + ((3 + (4^{9+1})) \times 4))$
4194344 := $((((4^{4})^{3})/4) + ((9 + 1) \times 4))$
4194346 := $((6 \times (4 + 3)) + ((4^{9+1}) \times 4))$
4194348 := $((((8 - 4) \times (3 + (4^{9}))) - 1) \times 4)$
4194352 := $((2 \times (5 + 3)) \times (((4^{9}) - 1) + 4))$
4194357 := $-((7 - (((5 \times 3) + (4^{9+1})) \times 4)))$
4194367 := $((7 \times (6 + 3)) + ((4^{9+1}) \times 4))$
4194368 := $(((8 \times 6)/3) \times (((4^{9}) \times 1) + 4))$
4194372 := $((((2 \times 7) + 3) + (4^{9+1})) \times 4)$
4194379 := $((9 \times 7) + ((3 + (4^{9+1})) \times 4))$
4194384 := $((48/3) \times (((4^{9}) + 1) + 4))$
4194396 := $(((69/3) + (4^{9+1})) \times 4)$

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4194416 $:= ((((6+1)\times 4)+(4^{9+1}))\times 4)$
4194432 $:= ((2^{3+4})+((4^{9+1})\times 4))$
4194435 $:= -((5-((34+(4^{9+1}))\times 4)))$
4194448 $:= ((((8\times 4)^4)+(4\times 9))\times(1\times 4))$
4194452 $:= ((((2^5)^4)+((4\times 9)+1))\times 4)$
4194464 $:= (4\times(((6+4)+(4^9))\times(1\times 4)))$
4194476 $:= (((6\times 7)+((4\times(4^9))+1))\times 4)$
4194484 $:= (4\times(((8\times 4)^4)+(9\times(1+4))))$
4194492 $:= ((2\times 94)+((4^{9+1})\times 4))$
4194504 $:= ((40\times 5)+((4^{9+1})\times 4))$
4194528 $:= (((8\times(2+5))+(4^{9+1}))\times 4)$
4194529 $:= ((9\times 25)+((4^{9+1})\times 4))$
4194536 $:= (((63-5)+(4^{9+1}))\times 4)$
4194547 $:= (((7-4)^5)+((4^{9+1})\times 4))$
4194562 $:= -((2-((65+(4^{9+1}))\times 4)))$
4194564 $:= (4\times(65+(((4^9)\times 1)\times 4)))$
4194588 $:= (((8\times(((8^5)\times 4)+9))-1)\times 4)$
4194624 $:= ((4^2)\times(6+((4^9)+14)))$
4194684 $:= (4\times((((8^6)\times 4)+91)+4))$
4194688 $:= ((8\times 8)\times(6+(((4^9)\times 1)/4)))$
4194766 $:= ((66\times 7)+((4^{9+1})\times 4))$
4194944 $:= (4\times(((4^9)+(4\times(9+1)))\times 4))$
4194997 $:= ((7\times 99)+((4^{9+1})\times 4))$
4196488 $:= (((8^8)/4)+((6\times 91)\times 4))$
4197468 $:= ((((8^6)\times 4)+791)\times 4)$
4214782 $:= -((2-(((8\times 7)^{4-1})\times 24)))$
4214784 $:= (4\times(((8\times 7)^{4-1})\times(2+4)))$
4214809 $:= (((9+((08^4)+1))^2)/4)$
4218557 $:= -(((7^5)\times(5-(((8\times 1)^2)\times 4))))$
4229826 $:= 6\times(2+89^{-2/2+4})$
4239872 $:= (2\times((((7-8)+(9^3))^2)\times 4))$
4243686 $:= (6\times(((8+63)-42)^4))$
4249448 $:= -((8\times((4^4)-((9^{4+2})-4))))$
4251528 $:= (8\times((((2\times 5)+15)+2)^4))$
4251532 $:= ((2\times(((3^5)\times(1+5))^2))+4)$
4251536 $:= (((6\times(3^{5+1+5}))+2)\times 4)$
4251544 $:= (4\times((((4+5)^{1+5})\times 2)+4))$
4251548 $:= ((8\times(((4+5)^{1+5})+2))+4)$
4251696 $:= ((6+((9^6)+15))\times(2\times 4))$

4253472 $:= (((27^4)+(3^5))\times(2\times 4))$
4253929 $:= ((((9\times 2)\times 9)^3)+((5+2)^4))$
4258776 $:= -(((6-(7\times((78\times 5)^2)))\times 4))$
4259571 $:= ((17^5)\times(((9+5)/2)-4))$
4259598 $:= ((((8+9)^5)+9)\times((5+2)-4))$
4263188 $:= -((8-((8\times((1+(3^6))^2))-4)))$
4292356 $:= (((((6^5)\times 3)\times 2)\times 92)+4)$
4294296 $:= 6\times(9\times(2-49))^2\times 4$
4296805 $:= ((((5^{08})-6)\times(9+2))-4)$
4296875 $:= ((5^7)\times((((8\times 6)+9)+2)-4))$
4302557 $:= -((7\times(5-(((5^2)+03)^4))))$
4302592 $:= (((2\times(9+5))^{2+03})/4)$
4313468 $:= ((((8^6)\times 4)+(31^3))\times 4)$
4354094 $:= -(((4-90)\times(4+((5\times 3)^4))))$
4358148 $:= (((8^{4+1})\times(8+(5^3)))+4)$
4373968 $:= -((8-(6\times(((9\times(3+7))^3)-4))))$
4373996 $:= ((6\times((9\times((9/3)+7))^3))-4)$
4374752 $:= (2\times(((((5^7)-4)\times 7)-3)\times 4))$
4375056 $:= ((6+50)\times(((5^7)-3)+4))$
4375168 $:= ((8+6)\times((((1\times 5)^7)+3)\times 4))$
4375448 $:= (8\times(((4+4)+(5^7))\times(3+4)))$
4375688 $:= (8\times(86+((5^7)\times(3+4))))$
4385662 $:= -((2-((6^6)\times((5+8)+(3^4)))))$
4394532 $:= (((((2+3)^{5+4})\times 9)+3)/4)$
4423655 $:= -((5\times(5-((6^3)\times((2\times 4)^4)))))$
4423695 $:= (5\times(((96^3)+2)+(4/4)))$
4437279 $:= (9\times((((72+7)^3)-4)-4))$
4455516 $:= (6\times(((1+(5\times 5))^5)/(4\times 4)))$
4462655 $:= (-5+(5-6-2^6)^4)/4$
4464773 $:= ((((3^7)-74)^{6-4})+4)$
4473132 $:= -((23\times(1-(((3\times 7)^4)+4))))$
4476516 $:= -(((615-((6^7)\times 4))\times 4))$
4476924 $:= -((4+(((2^9)-((6^7)\times 4))\times 4)))$
4477335 $:= -5^3+(3-7\times 7)^4+4$
4477388 $:= -8\times 8+(3-7\times 7)^4-4$
4477397 $:= -7\times 9+(3-7\times 7)^4+4$
4477446 $:= -6-4+(4\times 7-74)^4$
4477448 $:= -((8-(((4/4)+((7\times 7)-4))^4)))$
4477452 $:= (((2\times(((5+4)+7)+7))^4)-4)$

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4477453 $:= -((3-(((5-4)+((7\times 7)-4))^4)))$
4477456 $:= ((((((6-5)+4)\times 7)+7)+4)^4)$
4478464 $:= -((((4^6)-((4+8)^7))/(4+4)))$
4478768 $:= ((8+((((6^7)-8)-7)\times 4))\times 4)$
4478848 $:= -(((8-((48/8)^7))\times(4\times 4)))$
4478968 $:= -((8-((6^{(9-8)\times 7})\times(4\times 4))))$
4478973 $:= -((3-(((((7-9)+8)^7)\times 4)\times 4)))$
4478976 $:= ((6^7)\times((((9-8)+7)/4)^4))$
4478996 $:= ((((((6^9)/9)+8)-7)+4)\times 4)$
4479312 $:= ((21+(-((3-9))^7))\times(4\times 4))$
4479328 $:= (8\times((2\times(-((3-9))^7))+44))$
4481163 $:= ((3^{6+1})\times(1+(8\times(4^4))))$
4484877 $:= -((((7^7)-8)-((48^4)-4)))$
4497392 $:= ((((2^9)\times((3^7)+9))-4)\times 4)$
4521984 $:= ((4^8)\times(9+(((1+2)\times 5)\times 4)))$
4546777 $:= ((77\times(((7+6)-4)^5))+4)$
4555696 $:= ((6\times((9+6)^5))-554)$
4556196 $:= (6\times(((((9\times 1)+6)^5)-5)-4))$
4556226 $:= (6\times(((((2+2)+6)+5)^5)-4))$
4556246 $:= ((6\times((((4^2)-6)+5)^5))-4)$
4556276 $:= ((6\times((((7+2)+6)^5)+5))-4)$
4587275 $:= -((5\times((7^2)-(7\times((8^5)\times 4)))))$
4587457 $:= (7\times((5\times((4^7)\times 8))-(5+4)))$
4587475 $:= (5\times((7\times((4^7)\times 8))-(5+4)))$
4587479 $:= -((((9-(7\times((4^7)\times 8)))\times 5)-4))$
4587488 $:= -(((8-((((8^4)\times 7)\times 8)\times 5))\times 4))$
4587492 $:= -(((2-9)\times((((4^7)\times 8)\times 5)-4)))$
4587495 $:= -((5\times(9-(((4\times 7)\times(8^5))+4))))$
4587496 $:= -(((6-(((9-4)\times 7)\times(8^5)))\times 4))$
4587504 $:= (4\times(((05\times 7)\times(8^5))-4))$
4587512 $:= -(((2-(((1\times 5)\times 7)\times(8^5)))\times 4))$
4587513 $:= -((3+((1-((5\times 7)\times(8^5)))\times 4)))$
4587515 $:= -((5-(((1\times 5)\times 7)\times((8^5)\times 4))))$
4587517 $:= -((7-((1+((5\times 7)\times(8^5)))\times 4)))$
4587521 $:= ((1^2)+((5\times 7)\times((8^5)\times 4)))$
4587524 $:= ((((((4^2)^5)\times 7)/8)\times 5)+4)$
4587531 $:= -((1-((3+((5\times 7)\times(8^5)))\times 4)))$
4587535 $:= ((5\times 3)+((5\times 7)\times((8^5)\times 4)))$
4587552 $:= ((2^5)+((5\times 7)\times((8^5)\times 4)))$
4587568 $:= ((8\times 6)+((5\times 7)\times((8^5)\times 4)))$
4587574 $:= (((((4^7)\times 5)\times 7)\times 8)+54)$
4587585 $:= (5\times((8+5)+(7\times((8^5)\times 4))))$
4587592 $:= (((2\times 9)+((5\times 7)\times(8^5)))\times 4)$
4587675 $:= (5\times(7+((6+(7\times(8^5)))\times 4)))$
4587745 $:= -((5\times(4-(7\times(7+((8^5)\times 4))))))$
4593655 $:= (55\times((((6-3)+9)+5)^4))$
4595616 $:= ((6^{-1+6})\times(595-4))$
4618944 $:= (((44\times 9)\times(8+1))\times(6^4))$
4644862 $:= -((2-(((6+8)\times(4^4))\times(6^4))))$
4644864 $:= ((((4+6)+8)-4)\times((4\times 6)^4))$
4652843 $:= -(((3-(4^8))\times((2+5)+64)))$
4665125 $:= ((5^2)\times(1-((5-(6^6))\times 4)))$
4665556 $:= -((((6+5)-((5\times 5)\times(6^6)))\times 4))$
4665568 $:= -(((8-(((6\times 5)-5)\times(6^6)))\times 4))$
4665571 $:= -((1+((7-((5\times 5)\times(6^6)))\times 4)))$
4665576 $:= ((((((6^7)\times 5)\times 5)/6)-6)\times 4)$
4665584 $:= (((4-8)+((5\times 5)\times(6^6)))\times 4)$
4665585 $:= -((5\times((8-5)-(5\times((6^6)\times 4)))))$
4665586 $:= -(((6+8)-((5\times 5)\times((6^6)\times 4))))$
4665591 $:= -(((1\times 9)-((5\times 5)\times((6^6)\times 4))))$
4665592 $:= (2\times((((9\times 5)+5)\times(6^6))-4))$
4665593 $:= -((3-(((95+5)\times(6^6))-4)))$
4665595 $:= -((5-(((9\times 5)\times 5)\times((6+6)^4))))$
4665596 $:= (((((6+9)+5)\times 5)\times(6^6))-4)$
4665597 $:= -((7-(((95+5)\times(6^6))+4)))$
4665599 $:= -(((9/9)-((5\times 5)\times((6^6)\times 4))))$
4665625 $:= ((5^2)\times((6-5)+((6^6)\times 4)))$
4665655 $:= (5\times((5+6)+(5\times((6^6)\times 4))))$
4665725 $:= -(((5\times(2-7))\times(5+((6^6)\times 4))))$
4665775 $:= (5\times(7+((7+(5\times(6^6)))\times 4)))$
4674244 $:= (((4+42)\times 47)^{6-4})$
4687506 $:= ((60\times(5^7))+((8-6)+4))$
4687552 $:= (((((2\times 5)\times(5^7))+8)\times 6)+4)$
4688531 $:= -((1-(3\times(((5^8)+86)\times 4))))$
4718492 $:= ((((2\times 9)\times((4^8)-1))-7)\times 4)$
4718529 $:= -((9\times((2+5)-(((8\times 1)^7)/4))))$
4718664 $:= (((4\times 6)-6)\times((8^{-1+7})+(4)))$
4718692 $:= (2\times((9\times(6+(8^{-1+7})))-(4)))$

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4719744 := $(((4+(4^7))\times 9)\times((1+7)\times 4))$
4734936 := $((((6+(3\times 9))^4)-(3^7))\times 4)$
4735872 := $-(((2^7)-(((8\times 5)^3)\times 74)))$
4739574 := $((47\times((5\times 9)-3))\times(7^4))$
4741626 := $-((6-(((2\times 6)\times 14)^{7-4})))$
4741632 := $((((2\times 3)+6)\times 14)^{7-4})$
4741975 := $(((5\times 79)\times(1+4))\times(7^4))$
4743328 := $-(((82-((33^4)-7))\times 4))$
4743364 := $-((4\times(6-((33^4)-74))))$
4743368 := $-(((86-((33^4)+7))\times 4))$
4743564 := $-((4\times((6\times 5)-((3\times(4+7))^4))))$
4743644 := $-((4\times((4+6)-((3\times(4+7))^4))))$
4743653 := $-((3-(((((5+6)\times 3)^4)-7)\times 4)))$
4743656 := $((((((6\times 5)+6)-3)^4)-7)\times 4)$
4743684 := $(4\times(((8+6)+((3\times 4)+7))^4))$
4764064 := $(4\times((60+46)^{7-4}))$
4776479 := $(((9^7)-((4^6)-7))-(7^4))$
4778279 := $((9^7)+(2\times((8\times 7)-(7^4))))$
4779542 := $-((((2+(4^5))-(9^7))+(7^4)))$
4779855 := $-((((5^5)-8)-(((9^7)+7)-4)))$
4781679 := $(((9^7)+6)-(-(((1^8)-7))^4))$
4782273 := $(((3^7)^2)-((2\times 87)\times 4))$
4782619 := $(((9^{1+6})-2)-(87\times 4))$
4782679 := $((((9^7)-6)-(2^8))-(7\times 4))$
4782699 := $(9\times((9^6)-((2+8)\times(7-4))))$
4782786 := $-((6+(8\times((7-(2^8))\times(7^4)))))$
4782791 := $(((1\times 9)^7)-((2\times 87)+4))$
4782909 := $((9^{09-2})-((8\times 7)+4))$
4782919 := $((9\times(1+((9^{-2+8})-(7))))+(4))$
4782929 := $((9^{-2+9})+((2\times(8-(7\times 4)))))$
4782933 := $(((3^{3+9+2})-8)-(7\times 4))$
4782945 := $(((5+4)^{9-2})-(8\times(7-4)))$
4782949 := $((9^{-4+9+2})+((8-(7\times 4))))$
4782953 := $((3^{5+9})-((28/7)\times 4))$
4782957 := $-(((7+5)-(9^{2+8-7+4})))$
4782965 := $((((((5+6)-9)/2)+8)^7)-4)$
4782972 := $(((2+7)^{9-2})-((8-7)-4))$
4782973 := $((((((3+7)-9)^2)+8)^7)+4)$
4782979 := $((((9^7)+92)-8)-74)$
4782993 := $((((3^9)\times(9^2))+8)\times(7-4))$
4783133 := $((3\times((3^{13})+(8\times 7)))-4)$
4783279 := $(((9^7)+2)+(((3+8)\times 7)\times 4))$
4783481 := $(((1+8)^{4+3})+(8^{7-4}))$
4783879 := $((9^7)+((((8^3)+8)\times 7)/4))$
4785137 := $-((7\times(3-((1+((5^8)\times 7))/4))))$
4785165 := $(((5+((6+1)\times(5^8)))\times 7)/4)$
4785172 := $(((2+(7\times(1+(5^8))))\times 7)/4)$
4785379 := $((9^7)-((3\times(5-8))-(7^4)))$
4785529 := $((9^{2+5})+(5\times(8^{7-4})))$
4785929 := $((9^{-2+9})+((5\times 8)\times 74))$
4790756 := $(((6^5)+7)+((09^7)+4))$
4793488 := $-((8\times((8-(4^{3+9}))/(7\times 4))))$
4794633 := $((((3+3)^6)+(4\times(9^7)))/4)$
4795465 := $((((5^6)\times 4)/5)+((9^7)-4))$
4796384 := $(((4^8)-((3^6)-9))\times 74)$
4813636 := $((6+(((3^6)\times 3)+1))^{8/4})$
4822416 := $((61\times((4+2)^2))^{8/4})$
4826685 := $(((5+8)^6)-((62\times 8)/4))$
4826723 := $(((((3\times 2)+7)^6)-2)-84)$
4826745 := $((((5\times 4)-7)^6)-((2\times 8)\times 4))$
4826767 := $-(((7\times 6)-((7+6)^{2+8-4})))$
4826793 := $(3-9-7)^6-2^{8-4}$
4826795 := $-(((5+9)-((7+6)^{2+8-4})))$
4826797 := $(-((7+9))+(((7+6)^{-2+8})+(4)))$
4826805 := $(((5+08)^6)-((2\times 8)/4))$
4826815 := $((((((5\times 1)+8)^6)+2)+8)-4)$
4826816 := $((((6-1)+8)^6)+(28/4))$
4826823 := $((((((3+2)+8)^6)+2)+8)+4)$
4826841 := $(((((1+4)+8)^6)+28)+4)$
4826849 := $((((9-4)+8)^6)+((2+8)\times 4))$
4826873 := $((((3\times 7)-8)^6)+((2\times 8)\times 4))$
4828896 := $(((6\times 9)-8)\times(((8+2)+8)^4))$
4848776 := $-(((67+7)\times(8-((4^8)-4))))$
4849368 := $(((86-3)-9)\times((4^8)-4))$
4849655 := $-((5-(((5+69)\times(4^8))-4)))$
4849659 := $-((9-(((5+69)\times(4^8))+4)))$
4851499 := $(((99^{4-1})\times 5)+(8-4))$
4855625 := $-((((5+2)-(6^5))\times(5^{8-4})))$

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4876552 $:= -(((2-((5+(5^6))\times 78))\times 4))$
4876555 $:= -((5-((5+(5^6))\times(78\times 4))))$
4879579 $:= -97-5+(9-7\times 8)^4$
4879588 $:= 8+85+(9-7\times 8)^4$
4879597 $:= 79+5+(9-7\times 8)^4$
4879627 $:= (7+2)\times 6+(9-7\times 8)^4$
4879647 $:= 7\times 4+6+(9-7\times 8)^4$
4879651 $:= -1\times 5\times 6+(9-7\times 8)^4$
4879663 $:= -(((3\times 6)-(((6\times 9)-7)^{8-4})))$
4879672 $:= -(((2+7)-(((6\times 9)-7)^{8-4})))$
4879676 $:= -6+7-6+(9-7\times 8)^4$
4879679 $:= -(((9-7)-(((6\times 9)-7)^{8-4})))$
4879681 $:= (((((1-8)\times 6)+97)-8)^4)$
4879682 $:= 2/(8-6)+(9-7\times 8)^4$
4879687 $:= -(7-8)\times 6+(9-7\times 8)^4$
4879688 $:= (8\times(((86\times 9)+7)^{8/4}))$
4879716 $:= (6-1)\times 7+(9-7\times 8)^4$
4879723 $:= 3\times 2\times 7+(9-7\times 8)^4$
4882795 $:= ((((5^9)-7)/2)\times((8/8)+4))$
4917248 $:= (8\times((((4^2)-7)+19)^4))$
4921875 $:= (((5^7)\times(8+1))\times((2+9)-4))$
4925887 $:= -(((7^8)-(8\times((5+29)^4))))$
4926617 $:= (((7^{1+6})\times 6)-((2+9)^4))$
4933872 $:= (((-((2-(7\times 8)))^3)/3)\times 94)$
4939776 $:= (6\times((7^7)-(((9\times 3)\times 9)+4)))$
4941257 $:= -((((7^{5+2})+1)-(49^4)))$
4941576 $:= (6\times((((7^5)+1)\times 49)+4))$
4942776 $:= (6\times(((7^7)+249)+4))$
4943445 $:= -((((5-(4^4))\times 3)\times(4+(9^4))))$
4943835 $:= (5\times((3\times((8\times 3)^4))-(9^4)))$
4946994 $:= (((4+9)\times((9\times 6)+4))\times(9^4))$
4950967 $:= (7\times((((6+9)+05)+9)^4))$
4952172 $:= (2\times((((7+12)^5)-9)-4))$
4959648 $:= -(((84\times(6-(9^5)))-(9\times 4)))$
4965912 $:= (21\times(((9^5)+69)\times 4))$
4967195 $:= (5\times(((9+(1^7))^6)-(9^4)))$
4976645 $:= (5\times((4+(((6+6)^7)/9))/4))$
4976675 $:= (5\times(7+((((6+6)^7)/9)/4)))$
4999482 $:= ((2-(8\times(4-99)))\times(9^4))$

5038608 $:= -((((80-(6^8))\times 3)+(0\times 5)))$
5038627 $:= -((((72-(6^8))\times 3)-(0-5)))$
5038823 $:= 3\times(2-8)^8-30+5$
5038824 $:= (((((4+2)^8)-8)\times 3)+(0\times 5))$
5038827 $:= (-7+(2-8)^8)\times(3+0\times 5)$
5038853 $:= (((((3-5)+8)^8)\times 3)+05)$
5038863 $:= ((3\times(((6^8)+8)-3))+(0\times 5))$
5038866 $:= ((6+(6^8))\times(8-((3\times 0)+5)))$
5038933 $:= 3\times(3-9)^8+30-5$
5078125 $:= ((5^{-2+1+8})\times(70-5))$
5153617 $:= (((7-((1-6)\times 3))^5)-15)$
5153623 $:= -(((3^2)-((((6\times 3)+5)-1)^5)))$
5153624 $:= -(((4\times 2)-((((6\times 3)+5)-1)^5)))$
5153625 $:= -(((5+2)-((((6\times 3)+5)-1)^5)))$
5153626 $:= ((((6-2)+(6\times 3))^5)-(1+5))$
5153627 $:= (((((72-6)/3)^5)\times 1)-5)$
5153628 $:= ((((8/2)+(6\times 3))^5)+(1-5))$
5153631 $:= ((((13+6)+3)^5)-(1^5))$
5153632 $:= ((((((2^3)\times 6)/3)+5)+1)^5)$
5153633 $:= ((3/3)+((((6\times 3)+5)-1)^5))$
5153637 $:= (((7+((3\times 6)-3))^5)+(1\times 5))$
5153638 $:= ((((((8+3)\times 6)/3)^5)+1)+5)$
5153647 $:= (((((7+4)\times 6)/3)^5)+15)$
5153888 $:= -((8\times((8+((8+3)^5))\times(1-5))))$
5156255 $:= (((5^{5+2})\times(65+1))+5)$
5156575 $:= ((((5^7)+5)\times(65+1))-5)$
5176548 $:= -((8-((4\times(5+6))\times(7^{1+5}))))$
5196488 $:= -((88\times((4-6)-((9\times 1)^5))))$
5222545 $:= (5\times((((4^5)-2)^2)+25))$
5231945 $:= (5\times((4^{9+1})-(3^{2+5})))$
5234365 $:= ((((5^6)\times(3+(4^3)))-2)\times 5)$
5234375 $:= ((5^7)\times(((34-3)\times 2)+5))$
5234576 $:= (67\times((5^{4+3})-(2-5)))$
5239615 $:= (((((51\times 6)-9)^3)+2)/5)$
5239755 $:= -(((5^5)-(((7+9)^{3+2})\times 5)))$
5242537 $:= -(((7^3)-(5\times(((2\times 4)\times 2)^5))))$
5242565 $:= -((5\times((65-2)-((4^2)^5))))$
5242755 $:= -((5\times((5\times(7-2))-((4^2)^5))))$
5242775 $:= -((5\times((7+(7\times 2))-((4^2)^5))))$

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5242799 $:= -(((9\times 9)-((7-2)\times((4^2)^5))))$
5242835 $:= -((5\times(((3+8)-2)-((4^2)^5))))$
5242864 $:= (4\times(6+(((8^{2+4})-2)\times 5)))$
5242875 $:= (5\times((7-8)+(((2\times 4)\times 2)^5)))$
5242895 $:= (5\times(((9-8)+2)+((4^2)^5)))$
5242915 $:= (5\times(((1\times 9)-2)+((4^2)^5)))$
5242925 $:= (5\times(((2\times 9)/2)+((4^2)^5)))$
5242945 $:= (5\times(((((4^9)\times 2)+4)\times 2)+5))$
5242965 $:= (5\times(((6+9)+2)+((4^2)^5)))$
5243255 $:= (5\times(((5^2)\times 3)+((4^2)^5)))$
5243505 $:= (5\times((05^3)+((4^2)^5)))$
5245755 $:= (5\times(575+((4^2)^5)))$
5246525 $:= (5\times((-((2-5))^6)+((4^2)^5)))$
5267712 $:= (-((2\times(1-7)))\times(76^{-2+5}))$
5294295 $:= ((5\times 9)\times(2+(49^{-2+5})))$
5308418 $:= ((81\times(4^8))+((0-3)+5))$
5308446 $:= (6\times((((4\times 4)+80)^3)+5))$
5314392 $:= -((2\times(9-((((3^4)\times 1)^3)\times 5))))$
5314683 $:= (((3+8)^6)\times(((4+1)\times 3)/5))$
5315597 $:= -((7\times((9-5)-(((5\times 1)\times 3)^5))))$
5315625 $:= ((5+2)\times((((6+5)+1)+3)^5))$
5315667 $:= (7\times(6+((((6+5)+1)+3)^5)))$
5315877 $:= (7\times((((7+8)^5)+1)+35))$
5322672 $:= (((2\times(76-2))^2)\times(3^5))$
5334336 $:= ((((6+(3/3))\times 4)^3)\times(3^5))$
5334341 $:= (((-(((1-(4^3))\times 4))^3)/3)+(5))$
5334381 $:= ((1+8)\times((((3^4)+3)^3)+5))$
5338224 $:= (((4^2)+(28^3))\times(3^5))$
5359375 $:= (((5^7)\times(((3+9)-5)^3))/5)$
5370592 $:= ((29\times((50+7)^3))-5)$
5373459 $:= ((9^5)\times((4\times((3\times 7)+3))-5))$
5380839 $:= -(((9-(3^{8+08}))/(3+5)))$
5386591 $:= -(((((1+9)+5)^6)-(8^{3+5})))$
5386676 $:= (((6+7)^6)+(((6^8)/3)-5))$
5422464 $:= ((4\times(6^4))\times(22+(4^5)))$
5455296 $:= ((6\times 9)\times(((2\times 5)^5)+(4^5)))$
5468722 $:= (2-(2-7)^8)\times(6-4\times 5)$
5468755 $:= (5\times(((5^7)\times(8+6))-(4-5)))$
5468856 $:= -((6+(((5^8)+8)\times(6-(4\times 5)))))$
5468857 $:= (((7+(5^8))\times(8+6))+(4+5))$
5475564 $:= -(((4+(6\times 5))\times(5-((7+4)^5))))$
5475734 $:= -((((4-3)-(7\times 5))\times((7+4)^5)))$
5522495 $:= ((((5\times 94)^2)\times 25)-5)$
5528536 $:= ((((6^3)+5)\times 8)\times(2+(5^5)))$
5534375 $:= ((((5+7)^3)+43)\times(5^5))$
5541136 $:= ((6\times((31\times 1)^4))+(5+5))$
5546875 $:= ((5^7)\times(((8-6)^4)+55))$
5563415 $:= ((5\times 143)\times((6^5)+5))$
5582969 $:= (((9^6)\times 9)+((2^8)\times(5^5)))$
5585863 $:= -(((3-(6^8))-((5^8)\times(5+5))))$
5587653 $:= -((((3^{5+6})-(7^8))+(5/5)))$
5598665 $:= (((5\times 6)\times((6^8)/9))-55)$
5598693 $:= -((3\times(9-(((6^8)/9)\times(5+5)))))$
5598696 $:= -((6\times(9-((((6^8)/9)\times 5)+5))))$
5614272 $:= -(((2-724)\times((1\times 6)^5)))$
5622264 $:= ((4\times 6)\times((22^{-2+6})+(5)))$
5631995 $:= -((5-((((9\times 9)-1)^3)\times(6+5))))$
5632044 $:= ((4+((40\times 2)^3))\times(6+5))$
5639817 $:= (((7+1)\times(89^3))+65)$
5643918 $:= -(((81\times 9)\times(34-(6^5))))$
5646786 $:= (6\times((8\times(7^6))+(4-65)))$
5668693 $:= ((((((3^9)\times 6)\times 8)\times 6)-6)-5)$
5668697 $:= -((7-(96\times((8+(6/6))^5))))$
5668698 $:= ((((8\times((9^6)\times 8))-6)/6)-5)$
5668704 $:= ((((4+07)-8)^6)\times(6^5))$
5681826 $:= (((6/2)^8)\times(1+865))$
5682393 $:= (((3\times 93)^2)\times(8+65))$
5682881 $:= (1-8)^8-2^{8+6}\times 5$
5687655 $:= (5\times((5\times(6^7))-((8^6)+5)))$
5694817 $:= (7\times(1-8))^4-9\times 6^5$
5702375 $:= (((5\times 7)^3)\times((2^{07})+5))$
5714375 $:= -((5-((((7^3)-4)+1)\times(7^5))))$
5725832 $:= (((((23+8)^5)+2)+7)/5)$
5728529 $:= ((92+5)\times(8+((2+7)^5)))$
5729772 $:= (2-77\times 9)^2\times(7+5)$
5731187 $:= ((7^8)-((1+(1^3))\times(7^5)))$
5734405 $:= ((50\times((4^{4+3})\times 7))+5)$
5740875 $:= (5\times 7-80)^4\times 7/5$

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5747994 := $((49^{(9+7)/4}) - (7^5))$
5748412 := $((((2+1)+4)^8) - ((4^7)+5))$
5756337 := $((73 \times ((3^6) + (5^7))) - 5)$
5762743 := $-((((3+4) \times (7^2)) \times (6 - (7^5))))$
5763777 := $(((7^7) \times 7) - (((3-6)+7)^5))$
5764477 := $(((7 \times 7)^4) - (4 \times (6+75)))$
5764687 := $((7^8) + (6 \times (((4-6) \times 7) - 5)))$
5764729 := $(((((9-2) \times 7)^4) - 67) - 5)$
5764765 := $(((56-7)^4) - (6^{7-5}))$
5764771 := $-(((1 - (((7 \times 7)^4) + 6)) + (7 \times 5)))$
5764775 := $-((((5 - (((7^7) - 4) + 6)) \times 7) + 5))$
5764776 := $-((6 - (((((7^7) + 4) - 6) \times 7) - 5)))$
5764777 := $((7 \times ((7^7) - 4)) + ((6-7)+5))$
5764787 := $((7^8) - (((7-4)+67)/5))$
5764791 := $-(((1+9) - (7^{4+6-7+5})))$
5764797 := $((((((7^9)/7)+4)-6)-7)+5)$
5764816 := $(((6+1)^8) + (((4+6)-7) \times 5))$
5764817 := $(((7 \times 1)^8) + (4 \times ((6-7)+5)))$
5764825 := $(((5+2)^8) - (4 \times ((6-7)-5)))$
5764834 := $((((4+3)^8) - 4) + ((6 \times 7) - 5))$
5764852 := $(((2+5)^8) - ((4 \times 6) - 75))$
5764917 := $((7^{-1+9}) - ((4 \times (6 - (7 \times 5)))))$
5764987 := $(((7^8) - 9) + ((46-7) \times 5))$
5765187 := $(((7^8) - 1) + ((56 \times 7) - 5))$
5765825 := $(((5+2)^8) + (((5+6)-7)^5))$
5767168 := $(((8^6) \times (17-6)) \times (7-5))$
5767784 := $(((4^8)+7) \times ((7+6)+75))$
5772975 := $(((5^7) - (9 \times (2^7))) \times 75)$
5781604 := $-(((4 - ((06+1)^8)) - (7^5)))$
5781608 := $(((((8 \times 0)+6)+1)^8) + (7^5))$
5781624 := $(((4^2) + ((6+1)^8)) + (7^5))$
5798415 := $((((5-1)^4) + 89) \times (7^5))$
5826417 := $(((((7 \times 1)^4) + 6)^2) + (8^5))$
5831995 := $(((((5 \times 9) \times (9-1))^3)/8) - 5)$
5845856 := $(((6+5) \times ((8-5)^{4+8})) + 5)$
5858343 := $-((3 \times ((43 \times 8) - ((5^8) \times 5))))$
5858643 := $-((3 \times (4 + (((6 \times 8) - (5^8)) \times 5))))$
5858745 := $-(((5^4) - (((7+8) \times (5^8)) - 5)))$
5859183 := $(3 \times ((8 \times (1-9)) + ((5^8) \times 5)))$
5859213 := $(3 \times (1 - (((2+9) - (5^8)) \times 5)))$
5859215 := $-((5 \times (((1+2) \times (9 - (5^8))) + 5)))$
5859232 := $-((2 + (3 \times (2 + ((9 - (5^8)) \times 5)))))$
5859235 := $((5 - (3 \times ((2+9) - (5^8)))) \times 5)$
5859238 := $-((8 - (3 \times (2 - ((9 - (5^8)) \times 5)))))$
5859243 := $-((3 \times ((4 \times (2+9)) - ((5^8) \times 5))))$
5859265 := $((5 - ((6/2) \times (9 - (5^8)))) \times 5)$
5859285 := $(((5^8) - (2 \times (9 - (5^8)))) \times 5)$
5859315 := $-((((5 \times 1) \times 3) \times (9 - ((5^8)+5))))$
5859325 := $(5 \times (2 - (3 \times (9 - ((5^8)+5)))))$
5859339 := $-(((9/3) \times ((3+9) - ((5^8) \times 5))))$
5859342 := $-(((2+4) + (3 \times (9 - ((5^8) \times 5)))))$
5859346 := $-(((6-4) + (3 \times (9 - ((5^8) \times 5)))))$
5859366 := $-(((6 \times 6) - (3 \times (9 + ((5^8) \times 5)))))$
5859374 := $-(((4 \times 7) - (3 \times (9 + ((5^8) \times 5)))))$
5859375 := $((5^7) \times ((((3+9)-5)+8) \times 5))$
5859393 := $-((3 \times (((9/3) - 9) - ((5^8) \times 5))))$
5859395 := $(((5^9) \times 3) - (((9-5)-8) \times 5))$
5859396 := $-((6 - ((9/3) \times (9 + ((5^8) \times 5)))))$
5859414 := $((4-1) \times ((4+9) + ((5^8) \times 5)))$
5859483 := $(3 \times (((8-4) \times 9) + ((5^8) \times 5)))$
5859513 := $(3 \times ((1 + (5 \times 9)) + ((5^8) \times 5)))$
5859525 := $((5-2) \times (5 + ((9 + (5^8)) \times 5)))$
5859527 := $-(((((7^2) + (5^9)) \times (5-8)) - 5))$
5859532 := $-((2 - (3 \times (((5^9) + 58) - 5))))$
5859537 := $-((7 - ((3 \times ((5^9) + 58)) - 5)))$
5859543 := $(3 \times ((4 \times (5+9)) + ((5^8) \times 5)))$
5859552 := $-(((2-5) \times (59 + ((5^8) \times 5))))$
5859555 := $((55 + ((5^9) + 5)) \times (8-5))$
5859562 := $-(((((2^6) + (5^9)) \times (5-8)) + 5))$
5859573 := $(3 \times ((7+59) + ((5^8) \times 5)))$
5859579 := $(((9 \times 7) + ((5^9) + 5)) \times (8-5))$
5859585 := $(((((5^8) + 5) + 9) \times 5) \times (8-5))$
5859597 := $((79 + ((5^9) - 5)) \times (8-5))$
5859645 := $((54 - ((6-9) \times (5^8))) \times 5)$
5860995 := $(((5^9) + (90 \times 6)) \times (8-5))$
5863087 := $((7^8) + ((0-3) \times (6 - (8^5))))$
5865472 := $((((2^7) + 45) + 6) \times (8^5))$
5873664 := $(((4^6) \times 6) \times ((3 \times 78) + 5))$

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$5877627 := -(((((7^2) - (6^7)) \times 7) \times (8-5)))$
$5878483 := -((((3^8) - ((4^8) \times 7)) \times (8+5)))$
$5878651 := -((((1-5) \times (((6^8) \times 7)/8)) + 5))$
$5878656 := (((6^{56/8}) \times 7) \times (8-5))$
$5878664 := (((4 \times (6 + ((6^8) \times 7)))/8) + 5)$
$5892143 := ((3 \times (((4-1)+2)^9)) + (8^5))$
$5896615 := -((5 \times (1 + ((6 \times 6) \times (9 - (8^5))))))$
$5896635 := (5 \times (3 - ((6 \times 6) \times (9 - (8^5)))))$
$5898425 := ((((5 + (2 \times (4^8))) \times 9) - 8) \times 5)$
$5899257 := (((7^5) \times ((2 \times 9) + 9)) \times (8+5))$
$5904725 := -(((5^2) \times (7 - (4 \times (09^5)))))$
$5915965 := -(((5+6) \times (9 - (((5 \times 1) + 9)^5))))$
$5924342 := (((2434^2) - 9) - 5)$
$5940688 := ((8+8) \times ((((6 \times 0) + 4) + 9)^5))$
$5972366 := ((((6^6) + 3) \times (2^7)) + (9+5))$
$5972466 := ((((6^6) + 4) \times (2^7)) - (9+5))$
$5990193 := ((3+910) \times (9^{9-5}))$
$5991865 := (-(5) \times ((-(6) - (8^{-1+9}))/(9+5)))$
$5992618 := ((((816^2) - 9) \times 9) - 5)$
$5992896 := ((6 \times (98^2)) \times (9+95))$
$6029432 := ((23 \times (4^9)) + (20 \times 6))$
$6158768 := -(((8 + (6^7)) \times (8 - ((5 \times 1) \times 6))))$
$6171875 := ((5^7) \times (((8+1) \times 7) + 16))$
$6186675 := (5 \times (((7^6) \times 6) + ((8+1)^6)))$
$6223424 := ((((42^4) + 3) \times 2) + 26)$
$6234375 := (((5 \times (7+3))^4) - ((3+2)^6))$
$6249974 := (4 - 7 \times 9 + 9)^4 - 26$
$6254638 := -((8 - ((((3-6) + (4^5))^2) \times 6)))$
$6254646 := ((((6/(4-6)) + (4^5))^2) \times 6)$
$6259135 := -(((53 \times (1 - ((9^5) \times 2))) + 6))$
$6283264 := -(((4^6) \times (2 - ((3 \times 8) \times (2^6)))))$
$6284949 := -(((9^4) - ((9 + (4^{8+2})) \times 6)))$
$6286848 := (8 \times (((4^8) - (6 \times 8)) \times (2 \times 6)))$
$6289464 := (4 \times ((6 \times ((4^9) - 82)) - 6))$
$6291348 := ((((8 \times 4)^{3+1}) - (9 \times 2)) \times 6)$
$6291372 := -((2 \times ((7 - (((3+1)^9) \times 2)) \times 6)))$
$6291384 := ((4+8) \times ((((3+1)^9) \times 2) - 6))$
$6291404 := -((40 - (((4^{1+9}) - 2) \times 6)))$
$6291413 := -((31 - (((4^{1+9}) - 2) \times 6)))$
$6291414 := -((((4+1) - ((4^{1+9}) - 2)) \times 6))$
$6291422 := -((22 - (((4^{1+9}) - 2) \times 6)))$
$6291426 := -((((6/2) - ((4^{1+9}) - 2)) \times 6))$
$6291428 := -(((8 \times 2) - (((4^{1+9}) - 2) \times 6)))$
$6291431 := -((13 - (((4^{1+9}) - 2) \times 6)))$
$6291432 := ((2 \times 3) \times ((4^{1+9}) + (2-6)))$
$6291434 := -((4 - (3 \times (((4^{1+9}) \times 2) - 6))))$
$6291438 := -((((8-3) - ((4^{1+9}) + 2)) \times 6))$
$6291453 := (3 \times (5 + (((4^{1+9}) \times 2) - 6)))$
$6291474 := -(((4-7) \times (((4^{1+9}) \times 2) + 6)))$
$6291478 := -((8 - ((7 + ((4^{1+9}) - 2)) \times 6)))$
$6291482 := -((((2-8) \times (4^{1+9})) - 26))$
$6291486 := ((6 \times (8 + ((4^{1+9}) - 2))) - 6)$
$6291494 := -((4 - ((9 + ((4^{1+9}) - 2)) \times 6)))$
$6291504 := (4 \times ((((05-1)^9) + 2) \times 6))$
$6291528 := ((((((8 \times 2)^5) + 1) + 9) + 2) \times 6)$
$6291564 := (((4^{6+5-1}) + (9 \times 2)) \times 6)$
$6291582 := (((((2 \times 8)^5) + 19) + 2) \times 6)$
$6291684 := (((4 \times (8^6)) + (19 \times 2)) \times 6)$
$6291783 := (3 \times (((8^7) + 1) + ((9 \times 2) \times 6)))$
$6291941 := -((1 - (((4^{9+1}) + (9^2)) \times 6)))$
$6298555 := -5 + 5 \times (-5+8)^9 \times 2^6$
$6298596 := ((((6^9) \times 5)/8) - (9 \times (2-6)))$
$6327354 := ((45 \times ((3 + (7^2))^3)) - 6)$
$6331631 := ((-((1 - ((3 \times 61) + 3)))^3) + (6))$
$6343944 := (4 \times (((4^9) + (3^{4+3})) \times 6))$
$6367192 := -((2 + ((9 - ((17 \times 6)^3)) \times 6)))$
$6367239 := -((9 - ((((3 + (2 \times 7)) \times 6)^3) \times 6)))$
$6367244 := -((4 - ((((4 \times 27) - 6)^3) \times 6)))$
$6367248 := ((((((8+4) - 2) + 7) \times 6)^3) \times 6)$
$6376536 := (6 \times (((3^{5+6}) - (7 \times 3)) \times 6))$
$6376943 := (((3 \times 4) \times (9^6)) - ((7^3) + 6))$
$6377284 := -((4 \times (8 - ((((2+7)^7)/3) + 6))))$
$6377288 := (8 \times (((((8 \times 2) - 7)^7) - 3)/6))$
$6377324 := (4 \times (2 + (((3^{7+7})/3) + 6)))$
$6377436 := (6 \times (((3^{4+7}) + (7-3)) \times 6))$
$6378448 := -((8 \times (((4 - (4^8)) \times 73)/6)))$
$6379473 := ((3^7) + ((4 \times ((9^7)/3)) - 6))$
$6388956 := (((6^5) + 988) \times (3^6))$

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6391872 := $((((2^7)+8)+1)\times((9-3)^6))$
6422528 := $((8\times(((2+5)\times 2)^2))\times(4^6))$
6432247 := $(((7+(4^2))^{2+3})-(4^6))$
6434846 := $((-((6-(48\times 4)))^3)-(4+6))$
6434866 := $((-((6-((6\times 8)\times 4)))^3)+(4+6))$
6438528 := $(((8-2)^5)\times(834-6))$
6438952 := $((-((2\times(5-98)))^3)+(4^6))$
6484375 := $((5^7)\times((((3^4)-8)+4)+6))$
6531245 := $-((5-((421-3)\times(5^6))))$
6534567 := $((((((7\times 6)^5)/4)-3)/5)+6)$
6539259 := $(((((9+5)^2)-9)^3)+56)$
6552694 := $((((4^9)-(6^2))\times(5\times 5))-6)$
6552945 := $(5\times((((4^9)-25)\times 5)-6))$
6553594 := $(((4^9)\times(((5\times 3)+5)+5))-6)$
6553681 := $((((((1\times 8)^6)+3)\times 5)\times 5)+6)$
6553945 := $(5\times((((4^9)+(3\times 5))\times 5)-6))$
6573883 := $((388+3)\times((7^5)+6))$
6587728 := $(8\times(2+(((7^7)-85)+6)))$
6587768 := $(8\times((6+(7^7))-((8+5)\times 6)))$
6587778 := $((8\times((7^7)-7))-(85\times 6))$
6587798 := $-(((((8\times 9)-(7^7))\times 8)-(5\times 6)))$
6588347 := $(((7^{4+3})\times 8)-((8-5)-6))$
6588377 := $((((((7^7)+3)\times 8)+8)-5)+6)$
6588778 := $((8\times(7^7))+((88\times 5)-6))$
6588792 := $(((-((2-9))^7)\times 8)+(8\times 56))$
6625152 := $-((((2\times 5)-152)\times(6^6)))$
6656242 := $-((2-((426\times(5^6))-6)))$
6656248 := $-((8-((426\times(5^6))+6)))$
6656274 := $((4+((7+(2^6))\times(5^6)))\times 6)$
6657156 := $(6\times(((5-1)+(7^5))\times 66))$
6657684 := $(((4\times 8)+(6\times(7^5)))\times 66)$
6671808 := $((80+((8+1)\times 7))\times(6^6))$
6681897 := $((((7^9)-81)-(8^6))/6)$
6684671 := $(((17\times 6)\times(4^8))-(6/6))$
6684689 := $((9+8)\times((6\times(4^8))+(6/6)))$
6705993 := $(((3+9)+(9\times 5))\times(07^6))$
6717996 := $(((((6^9)/9)-71)-7)\times 6)$
6718164 := $(4\times((((6\times 1)^8)+1)-76))$
6718464 := $((4\times 648)^{1+7-6})$
6718476 := $((((((6^7)\times 4)+8)+1)-7)\times 6)$
6718486 := $((((((6^8)\times 4)+8)+1)+7)+6)$
6718624 := $-((4\times((2-(6^8))-((1\times 7)\times 6))))$
6718628 := $((8/2)\times(((6^8)-1)+(7\times 6)))$
6718638 := $(((8\times 3)\times((6^{8-1})+7))+6)$
6718664 := $((4\times(6+(6^8)))+176)$
6718674 := $(((4\times(7+(6^{8-1})))+7)\times 6)$
6718864 := $((4\times((6^8)+81))+76)$
6720048 := $((8+((400^2)\times 7))\times 6)$
6731586 := $(((6^8)\times(5-1))+((3^7)\times 6))$
6734864 := $((-(4)\times(-(((6^8)+4))-(-((3-7))^6))))$
6795952 := $(2\times((((5^9)/5)\times 9)-(7^6)))$
6796515 := $(51\times(((5^6)-9)+(7^6)))$
6796875 := $((5^7)\times(((8-6)+9)+76))$
6815718 := $(((8+1)-(7\times 5))\times(1-(8^6)))$
6815737 := $-((7-(((3\times 7)+5)\times((1\times 8)^6))))$
6815744 := $((4+(((4\times 7)-5)-1))\times(8^6))$
6826668 := $((((86-6)^{6-2})+8)/6)$
6837608 := $((((80+6)^{7-3})/8)+6)$
6854676 := $(6\times(((((7+6)^4)\times 5)\times 8)+6))$
6865625 := $((5^2)\times(65^{6/(8-6)}))$
6873862 := $(((2+(6^8))\times 3)+(7\times(8^6)))$
6875698 := $-((((8-96)\times((5^7)+8))+6))$
6907823 := $((3-(2\times 8))\times(70-(9^6)))$
6908629 := $-((((9-2)+6)\times(8-(09^6))))$
6908733 := $(((3+3)+7)\times(((8\times 0)+9)^6))$
6908837 := $(((7\times 3)-8)\times(8+(09^6)))$
6927478 := $((((8\times 7)\times 47)^2)+(9\times 6))$
6940323 := $((((3^2)+30)^4)\times(9-6))$
6957264 := $-(((46\times((2-(7^5))\times 9))+6))$
6967871 := $(((178+7)+6)^{9-6})$
6999744 := $-(((4^4)-(7\times(((9/9)+9)^6))))$
7062667 := $((((7^6)+62)\times 60)+7)$
7109375 := $((5^7)\times(((3+9)+01)\times 7))$
7112448 := $(((((84^4)-2)+1)+1)/7)$
7163152 := $-((2-((51^3)\times(61-7))))$
7169757 := $(((((7^5)-7)-9)\times 61)\times 7)$
7176589 := $((((9\times 8)-5)-6)\times(7^{-1+7}))$
7177016 := $(61\times((07^{7-1})+7))$

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7198355 $:= (-(5) \times (((-(((5-3)-8))^{9})+1)/(-7)))$
7235532 $:= -(((23^{5}) - ((5^{3^{2}}) \times 7)))$
7252256 $:= (6 - 52^{2} + 5)^{2} + 7$
7254282 $:= (2 + (8 - 2 - 4^{5})^{2}) \times 7$
7263314 $:= (41 \times ((3^{3+6+2}) + 7))$
7282646 $:= -(((6 - ((4^{6}) \times ((2^{8}) - 2))) \times 7))$
7285776 $:= (6 \times (((7^{7}) + (5^{8})) + (2^{7})))$
7301391 $:= (((193+1)^{03}) + 7)$
7311525 $:= ((52^{5-1}) - (13 \times 7))$
7311568 $:= (-((8 \times 6)) + ((51+1)^{-3+7}))$
7311584 $:= (-((4 \times 8)) + ((51+1)^{-3+7}))$
7311609 $:= (9 - 061)^{1+3} - 7$
7311623 $:= (3^{2} - 61)^{1+3} + 7$
7332256 $:= -(((6^{5}) - ((2^{23-3}) \times 7)))$
7339864 $:= -((4 \times ((6 - (8^{9/3+3})) \times 7)))$
7340144 $:= (((4 + (4^{10})) + (4 \times 3)) \times 7)$
7375823 $:= (((3 \times (28^{5})) - (7^{3}))/7)$
7378896 $:= (6 \times (((9 \times 8) + ((8 \times 7)^{3})) \times 7))$
7394592 $:= (((2 \times 9)^{5}) + (((4^{9}) \times 3) \times 7))$
7397435 $:= ((53^{4}) - ((79^{3}) + 7))$
7411779 $:= (9 \times (((((7^{7}) - 1) \times 1) - 4) - 7))$
7411799 $:= -(((9 \times (9 - (7^{11-4}))) + 7))$
7411869 $:= (9 \times ((6-8) + ((11-4)^{7})))$
7411877 $:= (((7^{7}) \times (8+1)) + ((1-4) - 7))$
7411879 $:= ((9 \times (7^{8-1})) - ((1^{4}) + 7))$
7411887 $:= (((7^{8}) \times (8+1))/((1^{4}) \times 7))$
7413679 $:= (((9 \times (7^{6})) + ((3+1)^{4})) \times 7)$
7414875 $:= ((5 \times (7 + (8 \times 4)))^{-1 \times 4 + 7})$
7421875 $:= ((5^{7}) \times (81 - ((2-4) \times 7)))$
7421951 $:= -((1 - (((5 \times 91) - 2) \times (4^{7}))))$
7425855 $:= (5 \times (((((5+8)^{5}) - 2) \times 4) + 7))$
7431259 $:= (((((9+5)^{2}) - 1)^{3}) + (4^{7}))$
7439922 $:= -((2 \times (((2 \times 9) - ((9 \times 3)^{4})) \times 7)))$
7439936 $:= (((6 \times ((3^{9}) \times 9)) - 34) \times 7)$
7439992 $:= -((2 \times ((9 - (((9 \times 9)^{3}) - 4)) \times 7)))$
7448779 $:= ((9 \times ((7^{7}) + (8^{4}))) + (4 \times 7))$
7471275 $:= (57 \times (((2^{17}) - 4) + 7))$
7529536 $:= (6 + 3 + 5)^{9 \times 2 - 5 - 7}$
7529627 $:= (((7 \times 2)^{6}) + (((9 \times 2) - 5) \times 7))$
7529641 $:= (((14^{6}) - 9) + (2 \times 57))$
7529659 $:= ((((9+5)^{6}) + 9) + (2 \times 57))$
7529668 $:= (((8+6)^{6}) + ((9+2) \times (5+7)))$
7532668 $:= (((8+6)^{6}) + (((2+3)^{5}) + 7))$
7558124 $:= -((4 \times ((2 - (18^{5})) + (5 \times 7))))$
7558224 $:= (4 \times (((2 + (2 \times 8))^{5}) - (5+7)))$
7558244 $:= (4 \times ((((4+2) \times (8-5))^{5}) - 7))$
7558266 $:= -((6 - ((6^{2+8})/((5/5)+7))))$
7558272 $:= (27 \times ((((2 \times 8) - 5) - 5)^{7}))$
7558284 $:= ((4 \times (((8+2)+8)^{5})) + (5+7))$
7577933 $:= -((((3 - ((3^{9}) \times 77)) \times 5) + 7))$
7577939 $:= -((9 - ((((3^{9}) \times 77) \times 5) - 7)))$
7578125 $:= ((((5 \times 2) \times 1) + 87) \times (5^{7}))$
7586796 $:= ((6^{9}) - (76 \times ((8^{5}) + 7)))$
7595525 $:= ((((((5^{2})^{5}) + 5)/9) + 5) \times 7)$
7598464 $:= -((464 \times (8 - ((9-5)^{7}))))$
7646925 $:= 5 \times ((-2+9)^{6} - 4) \times (6+7)$
7656285 $:= ((5 + (((8^{2}) + 6) \times (5^{6}))) \times 7)$
7666582 $:= ((((2 \times 8)^{5}) + ((6^{6}) - 6)) \times 7)$
7666624 $:= (((4 \times ((2+6)^{6})) + (6^{6})) \times 7)$
7668459 $:= (9 \times (5 + (((4^{8}) + 6) \times (6+7))))$
7724367 $:= (7 \times (((6^{3+4}) + 2) + (7^{7})))$
7734375 $:= (((5^{7}) \times 3) \times ((4 \times (3+7)) - 7))$
7754572 $:= ((2 - 7 \times 5)^{4} - 5^{7}) \times 7$
7765296 $:= ((6 + (((9-2)^{5}) \times 6)) \times 77)$
7765625 $:= ((((5 \times 2)^{6}) + ((5^{6}) \times 7)) \times 7)$
7789422 $:= ((2 + ((2 \times (4+9)) \times (8^{7})))/7)$
7798784 $:= ((4^{8}) \times ((((7+8)+9) - 7) \times 7))$
7812495 $:= ((((5^{9}) \times 4) + 2) - ((1^{8}) \times 7))$
7812528 $:= ((8/2) \times ((5^{2-1+8}) + 7))$
7812544 $:= (4 \times (4 + ((5^{2-1+8}) + 7)))$
7836693 $:= -((3 + ((9 - (6^{6})) \times ((3 \times 8) \times 7))))$
7838152 $:= (((2 \times (((5+1)^{8})/3)) - 8) \times 7)$
7838264 $:= (((4 \times (6^{2+8-3})) + 8) \times 7)$
7850784 $:= -((4 \times ((8 \times (7^{05})) - (8^{7}))))$
7863885 $:= (5 \times ((((8 \times 8)^{3}) \times 6) - 87))$
7885435 $:= ((53^{4}) - (58 \times 87))$
7885693 $:= -((3 - (((9^{6}) - (5^{8})) \times (8 \times 7))))$
7912559 $:= (((9^{5}) \times ((5^{2+1}) + 9)) - 7)$

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7914864 $:= -((((46-8)^4)-((1+9)^7)))$
7929848 $:= -((8-((4^8)\times((9+2)^{9-7}))))$
7962546 $:= (((((6\times 4)^5)-2)-69)-7)$
7962564 $:= (((((4\times 6)^5)+2)-69)+7)$
7962631 $:= ((((1+3)\times 6)^{2-6+9})+7)$
7964136 $:= ((6^3)\times((((1\times 4)^6)\times 9)+7))$
7971535 $:= (5\times((3^{5+1+7})-(9+7)))$
7978176 $:= (((6^7)\times(1+(8\times 7)))/(9-7))$
7994184 $:= ((((4^8)-1)\times 49)+(9^7))$
8103375 $:= ((((5\times 7)\times 3)^3)\times((0-1)+8))$
8154875 $:= -(((5-((7\times 8)^4))+((5+1)^8)))$
8257284 $:= ((((4^8)-2)\times 7)\times((5\times 2)+8))$
8257536 $:= (63\times(-((5-7))^{5^2-8}))$
8258048 $:= (8-4^{0\times 8+5})^2\times 8$
8290528 $:= (8\times(((2\times 509)^2)-8))$
8290584 $:= (((4\times 8)\times(509^2))-8)$
8298592 $:= (-(2)+(9\times((5^8)+(9^{-2+8}))))$
8345168 $:= -(((8-61)\times((54^3)-8)))$
8345584 $:= (((48+5)\times(54^3))-8)$
8349696 $:= ((6^9)-((((6+9)\times 4)^3)\times 8))$
8353125 $:= (((5\times((2-1)\times 3))^5)\times(3+8))$
8355815 $:= -((((51\times(8^5))-5)\times(3-8)))$
8365427 $:= ((-((7\times((2-4)-56)))^3)/8)$
8376944 $:= (((4^{4+9})-((6^7)/3))/8)$
8382455 $:= (((5^5)-((4+2)^8))\times(3-8))$
8382464 $:= (((4^{6+4})-((2^8)\times 3))\times 8)$
8384512 $:= (((((2\times 1)^5)^4)-(8^3))\times 8)$
8384544 $:= (((((4\times 4)^5)+4)-(8^3))\times 8)$
8385288 $:= (((8^8)/2)-((5\times 83)\times 8))$
8386784 $:= ((4\times(8^7))-((6\times 8)\times 38))$
8387584 $:= -(((4-(8^5))\times(((7-8)+3)^8)))$
8387592 $:= -((((2-((9-5)^7))\times(8^3))-8))$
8387864 $:= (4\times((6+(8^7))-((8\times 3)\times 8)))$
8388224 $:= ((4^2)\times(((2^{8+8})-3)\times 8))$
8388288 $:= (((8^8)/2)+((8\times 8)\times(3-8)))$
8388446 $:= -((((6^4)-(4^{8+8-3}))/8))$
8388472 $:= -((((2\times(7-((4^8)\times 8)))+3)\times 8))$
8388528 $:= (8\times(-((2\times 5))+((8+8)^{-3+8})))$
8388542 $:= -((2-(((4^{5+8})-(8^3))/8)))$
8388544 $:= ((((4\times 4)^5)\times 8)-((8^3)/8))$
8388564 $:= -((4\times((6+5)-(((8\times 8)^3)\times 8))))$
8388582 $:= (((((2\times 8)^5)-8)\times 8)+38)$
8388584 $:= ((4\times(((8^5)\times 8)\times 8))-(3\times 8))$
8388592 $:= -(((2-((9-5)\times((8\times 8)^3)))\times 8))$
8388599 $:= -((9-((9-5)\times(((8\times 8)^3)\times 8))))$
8388608 $:= ((8^{06})\times(((8/8)+3)\times 8))$
8388613 $:= -((3-(((16^8)/(8^3))+8)))$
8388622 $:= ((2\times((2^{6+8+8})+3))+8)$
8388624 $:= -((4\times((2-6)-(((8\times 8)^3)\times 8))))$
8388632 $:= (((2^{3\times 6+8})/8)+(3\times 8))$
8388648 $:= (8\times((4^{-6+8+8})-((3-8))))$
8388684 $:= (4\times(((((8^6)\times 8)+8)+3)+8))$
8388784 $:= ((4\times(8^7))+((8+8)\times(3+8)))$
8388864 $:= (((4\times 6)+8)\times(((8\times 8)^3)+8))$
8388928 $:= (8\times(((2^{9+8})+(8-3))\times 8))$
8389272 $:= ((2^{7\times 2+9})+(83\times 8))$
8389464 $:= (((4\times(6+(4^9)))+83)\times 8)$
8389472 $:= ((27+(4^9))\times((8\times 3)+8))$
8391584 $:= (4\times(((8^{5+1})+93)\times 8))$
8394955 $:= -(((5^5)-((9-4)\times((9-3)^8))))$
8395178 $:= -(((((8^7)\times(1-5))-9)-(3^8)))$
8397455 $:= (-(5)\times((5^{-4+7})-((9-3)^8)))$
8397685 $:= -((5\times((86-7)-((9-3)^8))))$
8397955 $:= -((5\times((5^{9-7})-((9-3)^8))))$
8398055 $:= -((5\times(5-((((0\times 8)+9)-3)^8))))$
8398065 $:= (((5\times(6^{08}))+9)-(3\times 8))$
8398075 $:= (5\times((7-08)+((9-3)^8)))$
8398085 $:= (5\times((8/08)+((9-3)^8)))$
8398115 $:= -((5\times(((1\times 1)-8)-((9-3)^8))))$
8398125 $:= (5\times(((2-1)+8)+((9-3)^8)))$
8398135 $:= (5\times(((3\times 1)+8)+((9-3)^8)))$
8398145 $:= (5\times(((4+1)+8)+((9-3)^8)))$
8398155 $:= (5\times((((5+1)^8)-9)+(3\times 8)))$
8398165 $:= ((5\times((6\times 1)^8))+(93-8))$
8398175 $:= (5\times(((7-1)^8)+((9\times 3)-8)))$
8398215 $:= -((5\times((1-28)-((9-3)^8))))$
8398235 $:= (5\times((3+28)+((9-3)^8)))$
8398245 $:= (5\times((((4+2)^8)+9)+(3\times 8)))$

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$8398355 := (5 \times ((5 \times (3+8)) + ((9-3)^8)))$
$8398595 := (5 \times ((95+8) + ((9-3)^8)))$
$8399225 := (5 \times (229 + ((9-3)^8)))$
$8399555 := (5 \times ((5 \times 59) + ((9-3)^8)))$
$8437536 := ((((6+3) \times (5^7)) + 3) \times (4+8))$
$8437572 := ((2+7) \times ((((5^7) \times 3) \times 4) + 8))$
$8439296 := ((6^9) + ((2 - (9 \times 3)) \times (4^8)))$
$8454137 := -((7 - (((31 \times 4) + 5) \times (4^8))))$
$8454144 := ((4 + (((4+1)^4)/5)) \times (4^8))$
$8467271 := -((1 - (72 \times ((7^6) - 48))))$
$8496483 := -((((3^8) + 4) - (((6 \times 9)^4) - 8)))$
$8515196 := ((6^9) + ((1-5) \times ((1 \times 5)^8)))$
$8552448 := ((8^4) \times ((4 + (2^5)) \times 58))$
$8584696 := ((6^9) - ((6 \times ((4+8)^5)) + 8))$
$8588553 := -((3 \times (5 - (((5^8) - (8^5)) \times 8))))$
$8588568 := (((8^6) - ((5^8) \times 8)) \times (5-8))$
$8593222 := -((22 \times ((2 \times (3+9)) - (5^8))))$
$8593551 := -((1 + (((5 \times 5) - 3) \times (9 - (5^8)))))$
$8593552 := -((((2+5) + (5 \times 3)) \times (9 - (5^8))))$
$8593745 := -((5 - ((((4 \times 7) + 3) - 9) \times (5^8))))$
$8593816 := ((((6-1)^8) + 3) \times ((9+5) + 8))$
$8594542 := ((2 + (4 \times 5)) \times ((4 \times 9) + (5^8)))$
$8605184 := (((4 \times (8-1))^5)/((0-6)+8))$
$8632455 := (5 \times (((5^{4+2}) \times 3) + (6^8)))$
$8671875 := ((5^7) \times ((8-1) + ((7+6) \times 8)))$
$8683515 := -((5 \times (1 - (53 \times ((8^6)/8)))))$
$8683535 := (5 \times (3 + (53 \times ((8^6)/8))))$
$8693345 := (5 \times (4 + ((3 \times (3^9)) + (6^8))))$
$8731989 := (9 \times (((8+91)^3) - 78))$
$8739348 := ((8+4) \times (((3^9) \times 37) + 8))$
$8750672 := ((2 \times 7) \times ((6 + (05^7)) \times 8))$
$8782768 := (((8^6) + (7 \times ((2+8)^7)))/8)$
$8814592 := -((((29-5)^{4+1}) - (8^8)))$
$8817896 := (((((6^9)/8) \times 7) \times 1) - 88)$
$8817936 := -(((6 - ((((3^9) \times 7) \times 1) \times 8)) \times 8))$
$8817968 := -((8 - (((((6^9) \times 7) \times 1)/8) - 8)))$
$8823675 := -(((5 \times (7^6)) \times (((3-2) - 8) - 8)))$
$8863742 := -((2 + ((4^7) \times (3 - (68 \times 8)))))$
$8912897 := -((7 - (((9+8) \times (2^{19})) + 8)))$
$8912913 := (((((3+1)^9) \times 2) + 1) \times (9+8))$
$8954912 := (2 \times 1 - 94)^{-5+9}/8$
$8957684 := (4 \times ((8 \times (6^7)) - (59+8)))$
$8957688 := ((8 \times ((8 - (6^7)) \times (5-9))) - 8)$
$8957728 := -(((((8-2)^7) - 7) \times ((5-9) \times 8)))$
$8957824 := 4 \times ((-2+8)^7 + 5 - 9) \times 8$
$8957937 := -((7 + ((((3+9)^7)/(5-9)) + 8)))$
$8957952 := -(((((2-5)+9)^7) \times ((5-9) \times 8)))$
$8958176 := -(((((6^7) - 1) + 8) \times ((5-9) \times 8)))$
$8984375 := ((5^7) \times ((34+89) - 8))$
$9150616 := (((61-6)^{05-1}) - 9)$
$9152595 := ((5 \times (9^5)) \times ((2^5) - (1^9)))$
$9156875 := ((5 \times 7) \times ((8^6) - 519))$
$9174945 := (5 \times (((((4^9) - 4) \times 7) \times 1) + 9))$
$9176676 := (6 \times (((7^6) \times (6+7)) + (1 \times 9)))$
$9229426 := (((62 \times 49)^2) - (2 \times 9))$
$9237624 := -(((((4 \times 2) - (6^7)) \times 3) \times (2+9)))$
$9237699 := ((99 \times (((6^7)/3) - 2)) + 9)$
$9237822 := ((-(2) + (-((2-8))^7)) \times (3 \times (2+9)))$
$9253827 := ((7 + ((2 \times ((8^3) - 5))^2)) \times 9)$
$9273339 := (-((93^3)) + (-(((3-7) - 2))^9))$
$9289728 := (((8/2)^7) \times ((9 \times (8^2)) - 9))$
$9294645 := ((5 + ((4+6)^4)) \times 929)$
$9296875 := ((5^7) \times ((((8+6) \times 9) + 2) - 9))$
$9329733 := -((3 \times (3 - ((79 \times 2) \times (3^9)))))$
$9329736 := -((6 - (((3 \times 79) \times 2) \times (3^9))))$
$9336411 := (((1 + (146^3))/3) \times 9)$
$9374856 := -(((6 - (5^8)) \times (((4+7) \times 3) - 9)))$
$9375024 := -(((4 + (20 \times (5^7))) \times (3-9)))$
$9375285 := (5 \times ((8 \times ((2 + (5^7)) \times 3)) + 9))$
$9393084 := ((480-3) \times (9 + (3^9)))$
$9414684 := (4 \times (((8^6) - ((4+1)^4)) \times 9))$
$9427968 := (((8^6) - ((9+7)^2)) \times (4 \times 9))$
$9435268 := -((8 + ((6^2) \times (53 - (4^9)))))$
$9436536 := ((6^{-3+5}) \times (-((6 \times 3) - (4^9))))$
$9436824 := (((4^{2+8}) - (6+34)) \times 9)$
$9436833 := -((((3^3) - (((8^6) - 3) \times 4)) \times 9))$
$9436878 := ((((8^7)/(8-6)) - 34) \times 9)$
$9436968 := ((((((8^6) - 9) + 6) - 3) \times 4) \times 9)$

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9437139 $:= (9 \times (((3+1)^{7+3}) + (4-9)))$
9437144 $:= -((4 - (((4^{1\times 7+3}) - 4) \times 9)))$
9437148 $:= ((((8 \times 4)^{1^7+3}) - 4) \times 9)$
9437157 $:= -(((7 - (((5-1)^{7+3}) + 4)) \times 9))$
9437177 $:= -((7 - ((((71-7)^3) \times 4) \times 9)))$
9437182 $:= -((2 - (((8+1) \times (7-3)) \times (4^9))))$
9437184 $:= (((((4+8)+17)+3)^4) \times 9)$
9437247 $:= ((7 + (((42-7)-3)^4)) \times 9)$
9437247 $:= ((7 + (((42-7)-3)^4)) \times 9)$
9437264 $:= -((4 - ((6 \times 2) \times (7 + (3 \times (4^9))))))$
9437265 $:= ((5 + (((6-2)^{7+3}) + 4)) \times 9)$
9437268 $:= (((8+6)-2) \times (7 + (3 \times (4^9))))$
9437291 $:= -((1 - ((9+27) \times (3 + (4^9)))))$
9437292 $:= (((2^{9+2+7}) + 3) \times (4 \times 9))$
9437328 $:= ((((((8^2)^3) + 7) - 3) \times 4) \times 9)$
9437346 $:= ((6 + ((4^{3+7}) + (3 \times 4))) \times 9)$
9437436 $:= ((6^3) + (((4^{7+3}) + 4) \times 9))$
9437499 $:= -((9 - (9 \times ((4^{7+3}) + (4 \times 9)))))$
9437544 $:= (((4^{4+5}) + (7+3)) \times (4 \times 9))$
9437877 $:= ((77 + ((8 \times (7-3))^4)) \times 9)$
9437964 $:= (4 \times (6 + (9 \times ((7 \times 3) + (4^9)))))$
9440295 $:= (59 \times (((20^4) - 4) + 9))$
9441792 $:= (((2^9) + (((7+1) \times 4)^4)) \times 9)$
9445536 $:= ((((6 \times 3)^5) \times 5) - ((4^4) \times 9))$
9446445 $:= ((5 + ((4 + (4^6)) \times (4^4))) \times 9)$
9447795 $:= (-(5) \times (9 - (((7+7)+4)^{-4+9})))$
9447876 $:= (((((6^7) \times (8+7))/4) + 4) \times 9)$
9449568 $:= (8 \times ((6 + (5 \times (9^4))) \times (4 \times 9)))$
9459684 $:= (4 \times (((8^6) \times 9) + ((5^4) \times 9)))$
9463419 $:= -((9 \times (1 - (4 \times ((3^6) + (4^9))))))$
9463428 $:= (((8^{2+4}) + (3^6)) \times (4 \times 9))$
9476909 $:= (((90^{9-6}) - 7) \times (4+9))$
9492289 $:= ((9^8) + ((2^{-2+9}) \times (-(4^9))))$
9528759 $:= -((9 \times ((5 - ((7^{8-2}) - 5)) \times 9)))$
9529612 $:= ((((21^6)/9) - 2) + (5 \times 9))$
9529672 $:= (((2 + (7^6)) \times (9^2)) - 59)$
9532345 $:= -((5 \times (((4+32)^3) - (5^9))))$
9549684 $:= (4 \times (((8^6) + ((9-4)^5)) \times 9))$
9565837 $:= -((((7 - (3^{8+5})) \times 6) + 59))$
9565839 $:= -((((9 - (3^{8+5})) \times 6) + (5 \times 9)))$
9565879 $:= ((((9^7)/(8-5)) \times 6) - 59)$
9565929 $:= ((((9 \times 2) \times (9^5)) - (6-5)) \times 9)$
9565932 $:= -((2 \times (3 - (9^{5+6+5-9}))))$
9565934 $:= (((4 \times ((3 \times 9)^5))/6) + (5-9))$
9576477 $:= -((((7^7) \times ((4-6) \times 7)) + (5^9)))$
9586982 $:= -((2 - (((8^9) + (6 \times 8))/(5+9))))$
9599973 $:= (3 \times ((-((79-99))^5) - 9))$
9653628 $:= -((8 - (2 \times ((((6 \times 3) - 5)^6) + 9))))$
9653636 $:= ((6/3) \times ((((6 \times 3) - 5)^6) + 9))$
9657521 $:= -((((1 \times 25) \times (7^5)) - (6^9)))$
9657861 $:= ((1 + ((6^8)/(7+5))) \times 69)$
9664359 $:= -(((((9^5) \times (3+4)) - 6) - (6^9)))$
9684516 $:= ((6 \times ((1+5) - (4^8))) + (6^9))$
9685343 $:= -(((((3 \times 4)^3) + (5^8)) - (6^9)))$
9720063 $:= (((3 \times (600^2)) + 7) \times 9)$
9745942 $:= ((((2^4) + 9)^5) - (-((4-7))^9))$
9745952 $:= (((2 + (5^9)) \times 5) - (-((4-7))^9))$
9747715 $:= ((5 \times 17) \times ((7 \times (4^7)) - 9))$
9764867 $:= ((7^6) \times ((8 \times 4) + ((6 \times 7) + 9)))$
9765549 $:= (((((9-4) \times 5)^5) - 67) - 9)$
9765551 $:= -((1 - ((((5 \times 5)^5) + 6) - 79)))$
9765553 $:= -(((3 - (((5 \times 5)^5) - 6)) + (7 \times 9)))$
9765556 $:= (((((6 \times 5) - 5)^5) - 6) - (7 \times 9))$
9765559 $:= -(((9 - (((5 \times 5)^5) + 6)) + (7 \times 9)))$
9765585 $:= -((5 \times (8 - (5^{5+6+7-9}))))$
9765593 $:= (-(((3 \times 9) + 5)) + 5^{-6+7+9})$
9765594 $:= (-(((4 \times 9) - 5)) + 5^{-6+7+9})$
9765597 $:= (-((7 \times (9-5))) + 5^{-6+7+9})$
9765613 $:= (((31-6)^5) + (6 \times (7-9)))$
9765614 $:= (-(((4+1)+6)) + (5^{-6+7+9}))$
9765615 $:= ((5^{-1+6+5}) + (((6-7)-9)))$
9765616 $:= (6-1)^{6+5+6-7} - 9$
9765617 $:= (-((7 + (1^6))) + (5^{-6+7+9}))$
9765618 $:= (-((8 - (1^6))) + (5^{-6+7+9}))$
9765621 $:= ((-((1-26))^5) - ((6+7)-9))$
9765624 $:= ((4/(2-6)) + (5^{-6+7+9}))$
9765625 $:= 5^{2-65-6+79}$
9765631 $:= (((1^3) \times 6) + (5^{-6+7+9}))$

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$9765632 := (-(((2-3)-6))+(5^{-6+7+9}))$
$9765635 := (((5^{3+6})\times 5)-((6-7)-9))$
$9765637 := (((7+(3\times 6))^5)-(6\times(7-9)))$
$9765643 := (((3\times 4)+6)+(5^{-6+7+9}))$
$9765645 := ((5^{4+6})+(5\times((6+7)-9)))$
$9765647 := (((7\times 4)-6)+(5^{-6+7+9}))$
$9765661 := (((1\times 6)\times 6)+(5^{-6+7+9}))$
$9765687 := (((7\times 8)+6)+(5^{-6+7+9}))$
$9765735 := ((5^{3+7})+(5\times((6+7)+9)))$
$9765753 := ((-((3-5))^7)+(5^{-6+7+9}))$
$9765825 := ((5^2)\times(8+(5^{6-7+9})))$
$9765865 := (((5\times 6)\times 8)+(5^{-6+7+9}))$
$9765915 := ((5^{1+9})+(5\times(67-9)))$
$9765949 := (((9\times 4)\times 9)+(5^{-6+7+9}))$
$9765985 := (((5\times 8)\times 9)+(5^{-6+7+9}))$
$9786715 := ((51+((7\times 6)\times(8^7)))/9)$
$9797657 := ((7\times((5\times(6^7))-(9+7)))+9)$
$9797765 := ((((5\times(6^7))-(7-9))\times 7)-9)$
$9821955 := ((((((5^5)+9)\times 1)^2)+8)-9)$
$9825792 := ((2^9)\times((75\times(2^8))-9))$
$9834427 := (((((7\times 2)\times 4)^4)+3)-(8\times 9))$
$9834478 := ((((((8\times 7)^4)-4)+3)-8)-9)$
$9834487 := (((7\times 8)^4)+(((4+3)-8)\times 9))$
$9834496 := ((((6+9)\times 4)-4)^{3-8+9})$
$9834516 := (((((61-5)^4)+3)+8)+9)$
$9835487 := (((7\times 8)^4)+(((5^3)\times 8)-9))$
$9861183 := -(((3^8)\times((1-168)\times 9)))$
$9874764 := ((4+(67\times((4^7)-8)))\times 9)$
$9921875 := -(((5^7)\times((8\times(1-(2\times 9)))+9)))$
$9933894 := ((4+(((9^8)-3)/39))\times 9)$
$9951797 := -(((7\times((9^{7-1})-(5^9)))-9))$
$9959384 := -(((4^8)-(((39^5)/9)+9)))$
$9977874 := (((((4^7)\times 87)\times 7)+9)+9)$
$9981576 := (((6\times(7^5))-18)\times 99)$
$9999991 := (1+9)^{9-(9+9)/9}-9$

4 Summary: Selfie Numbers

The author studied different ways of expressing numbers in such a way that both sides of the expressions are with same digits. One side is with number, and another side is an expression formed by same digits with some operations. These types of numbers we call **selfie numbers**. Some times they are called as **wild narcissistic numbers** [2, 3, 4]. Friedmann [6, 7] also made some study in this direction. These numbers are represented by their own digits by use of certain operations. Following subsections give different ways of writing **selfie numbers**. Examples of selfie numbers are with **Fibonacci sequence, Triangular numbers, Quadratic numbers, Cubic numbers**,etc. In two variables, we obtained selfie numbers with **binomial coefficients**, **S-gonal numbers**, **centered polygonal numbers**, etc. The other way of writing **selfie numbers** is by use of **permutable powers**, where **bases** and **exponents** are of same digits. See the subsection below with some examples.

4.1 Permutable Powers

Below are some examples of **permutable power selife numbers**. By **permutable powers**, we understand that bases and exponents are of same digits with different permutations. Some times we may call them as **flexible power selfie numbers**.

$1 := 1^1$
$23 := -2^2+3^3$
$1239 := 1^2+2^9-3^1+9^3$
$1364 := 1^6+3^1+6^4+4^3$
$1654 := -1^6+6^1+5^4+4^5$
$1837 := 1^8-8^1+3^7-7^3$
$2137 := -2^1+1^3+3^7-7^2$
$2173 := -2^3+1^2-7^1+3^7$

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$$\begin{aligned}
\mathbf{2537} &:= 2^5 - 5^2 + 3^7 + 7^3 \\
\mathbf{3125} &:= -3^2 + 1^1 + 2^3 + 5^5 \\
\mathbf{3275} &:= -3^3 + 2^7 + 7^2 + 5^5 \\
\mathbf{3435} &:= 3^3 + 4^4 + 3^3 + 5^5 \\
\mathbf{3529} &:= -3^3 + 5^5 + 2^9 - 9^2 \\
\mathbf{4316} &:= 4^6 + 3^1 + 1^4 + 6^3 \\
\mathbf{4355} &:= 4^5 + 3^4 + 5^3 + 5^5 \\
\mathbf{39339} &:= -3^3 + 9^3 + 3^9 + 3^9 - 9^3
\end{aligned}$$

$$\begin{aligned}
\mathbf{46350} &:= -4^3 + 6^6 - 3^5 + 5^0 + 0^4 \\
\mathbf{46360} &:= 4^0 + 6^6 - 3^4 - 6^3 + 0^6 \\
\mathbf{397612} &:= 3^2 + 9^1 + 7^6 + 6^7 + 1^9 + 2^3 \\
\mathbf{423858} &:= 4^3 + 2^8 + 3^4 + 8^2 + 5^8 + 8^5 \\
\mathbf{637395} &:= 6^5 + 3^3 + 7^3 + 3^9 + 9^6 + 5^7 \\
\mathbf{758014} &:= 7^7 + 5^1 + 8^0 + 0^5 + 1^4 - 4^8 \\
\mathbf{778530} &:= 7^7 + 7^3 + 8^5 - 5^7 + 3^0 + 0^8 \\
\mathbf{804637} &:= 8^0 + 0^4 - 4^8 + 6^6 - 3^3 + 7^7
\end{aligned}$$

$$\begin{aligned}
\mathbf{15647982} &:= 1^5 - 5^9 + 6^2 + 4^4 + 7^7 - 9^1 + 8^8 + 2^6 \\
\mathbf{17946238} &:= 1^6 + 7^8 + 9^4 + 4^2 + 6^9 + 2^3 + 3^1 + 8^7 \\
\mathbf{57396108} &:= -5^6 + 7^9 + 3^5 + 9^3 + 6^7 + 1^1 + 0^0 + 8^8 \\
\mathbf{134287690} &:= 1^2 + 3^8 + 4^7 + 2^4 + 8^9 + 7^3 + 6^6 + 9^0 + 0^1 \\
\mathbf{387945261} &:= 3^3 + 8^2 + 7^6 + 9^9 + 4^7 + 5^8 + 2^4 + 6^1 + 1^5 \\
\mathbf{392876054} &:= 3^0 + 9^9 - 2^2 - 8^5 + 7^8 - 6^7 + 0^3 - 5^4 + 4^6 \\
\mathbf{392876540} &:= -3^0 + 9^9 - 2^4 - 8^5 + 7^8 - 6^7 - 5^3 + 4^6 + 0^2
\end{aligned}$$

More details can be seen in author's work [20].

4.2 Basic Operations

This subsection brings **selfie numbers** by use of **basic operations**. See below some examples in both orders:

$$\begin{aligned}
\mathbf{13825} &:= 1 + (3 \times 8)^{-2+5} && = ((5-2) \times 8)^3 + 1 \\
\mathbf{14641} &:= (1+4+6)^4 \times 1 && = (1+4+6)^4 \times 1 \\
\mathbf{15552} &:= (1^5 + 5)^5 \times 2 && = 2 \times (6^5 + 5) \times 1 \\
\mathbf{16377} &:= (1+6-3)^7 - 7 && = -7 + (7-3)^{6+1} \\
\mathbf{23328} &:= (2 \times 3^3)^2 \times 8 && = (8-2)^{3+3}/2 \\
\mathbf{116565} &:= (-1+16) \times (-5+6^5) && = 5 \times (3 \times 6^{6-1} - 1) \\
\mathbf{131072} &:= (1+3)^{1+0+7} \times 2 && = 2^{(7+0-1)\times 3-1} \\
\mathbf{147419} &:= -1 + (4^7 - 4) \times 1 \times 9 && = 9 \times (1 \times 4^7 - 4) - 1 \\
\mathbf{147429} &:= 1 + (4^7 - 4/2) \times 9 && = 9 \times (2 + 4^7 - 4 - 1) \\
\mathbf{147491} &:= 1 \times (4^7 + 4) \times 9 - 1 && = 1 \times 9 \times (4^7 + 4) - 1 \\
\mathbf{156252} &:= 1 \times 5^6 \times 2 \times 5 + 2 && = 2 \times (5^{2\times 6-5} + 1)
\end{aligned}$$

The above numbers are in **digit's order** and in **reverse order of digits**. Below are consecutive sequence values in both ways, i.e., in digit's order and in reverse order of digits:

$$\begin{aligned}
\mathbf{656250} &:= 6 \times 5^6 \times (2+5) + 0 = 0 + (5+2) \times 6 \times 5^6 \\
\mathbf{656251} &:= 6 \times 5^6 \times (2+5) + 1 = 1 + (5+2) \times 6 \times 5^6
\end{aligned}$$

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$$\begin{aligned}
\mathbf{656252} &:= 6\times 5^6\times(2+5)+2 = 2+(5+2)\times 6\times 5^6\\
\mathbf{656253} &:= 6\times 5^6\times(2+5)+3 = 3+(5+2)\times 6\times 5^6\\
\mathbf{656254} &:= 6\times 5^6\times(2+5)+4 = 4+(5+2)\times 6\times 5^6\\
\mathbf{656255} &:= 6\times 5^6\times(2+5)+5 = 5+(5+2)\times 6\times 5^6\\
\mathbf{656256} &:= 6\times 5^6\times(2+5)+6 = 6+(5+2)\times 6\times 5^6\\
\mathbf{656257} &:= 6\times 5^6\times(2+5)+7 = 7+(5+2)\times 6\times 5^6\\
\mathbf{656258} &:= 6\times 5^6\times(2+5)+8 = 8+(5+2)\times 6\times 5^6\\
\mathbf{656259} &:= 6\times 5^6\times(2+5)+9 = 9+(5+2)\times 6\times 5^6.
\end{aligned}$$

The past work up to 6 digits numbers can be seen in [14, 15, 16]. In this work, along with past work, we extended it to 7 digits numbers.

4.3 Factorial

This subsection brings **selfie numbers** with use of **factorial**. See below some examples:

$$\begin{aligned}
\mathbf{145} &:= 1!+4!+5!\\
\mathbf{733} &:= 7+3!!+3!\\
\mathbf{1463} &:= -1!+4!+6!+3!!\\
\mathbf{5177} &:= 5!+17+7!\\
\mathbf{10077} &:= -1!-0!-0!+7!+7!\\
\mathbf{40585} &:= 4!+0!+5!+8!+5!\\
\mathbf{80518} &:= 8!-0!-5!-1!+8!\\
\mathbf{317489} &:= -3!-1!-7!-4!-8!+9!\\
\mathbf{352797} &:= -3!+5-2!-7!+9!-7!\\
\mathbf{357592} &:= -3!-5!-7!-5!+9!-2!\\
\mathbf{357941} &:= 3!+5!-7!+9!-4!-1!
\end{aligned}$$

$$\begin{aligned}
\mathbf{361469} &:= 3!-6!-1!+4!-6!+9!\\
\mathbf{363239} &:= 36+323+9!\\
\mathbf{363269} &:= 363+26+9!\\
\mathbf{364292} &:= 3!!+6!-4!-2!+9!-2!\\
\mathbf{397584} &:= -3!!+9!-7!+5!+8!+4!\\
\mathbf{398173} &:= 3!+9!+8!+1!-7!+3!\\
\mathbf{403199} &:= 40319+9!\\
\mathbf{408937} &:= -4!+0!+8!+9!+3!!+7!\\
\mathbf{715799} &:= -7!-1!+5!-7!+9!+9!\\
\mathbf{720599} &:= -7!-2!+0!-5!+9!+9!
\end{aligned}$$

The above numbers are in **digit's order** and are only with positive and negative coefficients. Below are consecutive sequence values in both ways:

$$\begin{aligned}
\mathbf{35280} &:= -3!!\times(5+2)+8!+0 = 0+8!-(2\times 5-3)!\\
\mathbf{35281} &:= -3!!\times(5+2)+8!+1 = 1+8!-(2\times 5-3)!\\
\mathbf{35282} &:= -3!!\times(5+2)+8!+2 = 2+8!-(2\times 5-3)!\\
\mathbf{35283} &:= -3!!\times(5+2)+8!+3 = 3+8!-(2\times 5-3)!\\
\mathbf{35284} &:= -3!!\times(5+2)+8!+4 = 4+8!-(2\times 5-3)!\\
\mathbf{35285} &:= -3!!\times(5+2)+8!+5 = 5+8!-(2\times 5-3)!\\
\mathbf{35286} &:= -3!!\times(5+2)+8!+6 = 6+8!-(2\times 5-3)!\\
\mathbf{35287} &:= -3!!\times(5+2)+8!+7 = 7+8!-(2\times 5-3)!\\
\mathbf{35288} &:= -3!!\times(5+2)+8!+8 = 8+8!-(2\times 5-3)!\\
\mathbf{35289} &:= -3!!\times(5+2)+8!+9 = 9+8!-(2\times 5-3)!.
\end{aligned}$$

For more details refer author's work [26, 27].

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4.4 Square-Root

This subsection brings **selfie numbers** with use of **square-root**. See below some examples in both orders, i.e., in **digit's order** and in **reverse order of digits**:

$$\begin{aligned}
\mathbf{1764} &:= 1\times(7\times 6)^{\sqrt{4}} & \mathbf{64} &:= \sqrt{4^6}\\
\mathbf{2378} &:= -23+\sqrt{7^8} & \mathbf{1024} &:= \sqrt{\sqrt{4^{20}}}\times 1\\
\mathbf{19454} &:= 19\times 4^5-\sqrt{4} & \mathbf{1296} &:= 6^{\sqrt{9}+2-1}\\
\mathbf{19459} &:= 19\times 4^5+\sqrt{9} & \mathbf{2189} &:= \sqrt{9^{8-1}}+2\\
\mathbf{19684} &:= 1+\sqrt{9\sqrt{\sqrt{6^8}/4}} & \mathbf{3867} &:= (-7+\sqrt{6^8})\times 3\\
\mathbf{839793} &:= (-8+(-3+9)^7+\sqrt{9})\times 3 & \mathbf{9375} &:= \sqrt{5^{7+3}\times 9}\\
\mathbf{839795} &:= -8+(-3+9)^7\times\sqrt{9}-5 & \mathbf{12289} &:= \sqrt{9}\times 8^{2\times 2}+1\\
\mathbf{839804} &:= (-8+(3-9)^8+0)/\sqrt{4} & \mathbf{19693} &:= 3^9+6+\sqrt{9}+1\\
\mathbf{839816} &:= (8+(3-9)^8)/\sqrt{\sqrt{16}} & \mathbf{42436} &:= (6\times 34+2)^{\sqrt{4}}\\
\mathbf{995544} &:= ((9+\sqrt{9})^5+54)\times 4 & \mathbf{59051} &:= \sqrt{-1+5}+0+9^5\\
\mathbf{999916} &:= -9\times 9-\sqrt{9}+(9+1)^6 & \mathbf{999901} &:= (10^{9-\sqrt{9}})-99\\
\mathbf{999976} &:= -\sqrt{9}\times 9+\sqrt{9}+(\sqrt{9}+7)^6 & \mathbf{999991} &:= (1^9+99)^{\sqrt{9}}-9
\end{aligned}$$

First column numbers are in **digit's order** and second columns are in **reverse order of digits**. For more details refer author's work [14, 15].

4.5 Factorial and Square-Root

Below are some examples with **factorial** and **square-root** written in both ways, i.e., in digit's order and its reverse

$$\begin{aligned}
\mathbf{936} &:= (\sqrt{9})!^3+6! && = 6!+(3!)^{\sqrt{9}}\\
\mathbf{1296} &:= \sqrt{(1+2)!^9/6} && = 6^{(\sqrt{9}+2-1)}\\
\mathbf{2896} &:= 2\times(8+(\sqrt{9})!!+6!) && = (6!+(\sqrt{9})!!+8)\times 2\\
\mathbf{331779} &:= 3+(31-7)^{\sqrt{7+9}} && = \sqrt{9}+(7\times 7-1)^3\times 3\\
\mathbf{342995} &:= (3^4-2-9)^{\sqrt{9}}-5 && = -5+(-9+9^2-\sqrt{4})^3\\
\mathbf{759375} &:= (-7+59-37)^5 && = (5+7+3)^{\sqrt{9}-5+7}.\\
\mathbf{759381} &:= 7+(5\times\sqrt{9})^{-3+8}-1 && = -1+(8\times 3-9)^5+7.
\end{aligned}$$

$$\begin{aligned}
\mathbf{5040} &:= (5+0+\sqrt{4})!+0 = 0+(\sqrt{4}+0+5)!\\
\mathbf{5041} &:= (5+0+\sqrt{4})!+1 = 1+(\sqrt{4}+0+5)!\\
\mathbf{5042} &:= (5+0+\sqrt{4})!+2 = 2+(\sqrt{4}+0+5)!\\
\mathbf{5043} &:= (5+0+\sqrt{4})!+3 = 3+(\sqrt{4}+0+5)!
\end{aligned}$$

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$$\begin{aligned}
\mathbf{5044} &:= (5+0+\sqrt{4})!+4 = 4+(\sqrt{4}+0+5)!\\
\mathbf{5045} &:= (5+0+\sqrt{4})!+5 = 5+(\sqrt{4}+0+5)!\\
\mathbf{5046} &:= (5+0+\sqrt{4})!+6 = 6+(\sqrt{4}+0+5)!\\
\mathbf{5047} &:= (5+0+\sqrt{4})!+7 = 7+(\sqrt{4}+0+5)!\\
\mathbf{5048} &:= (5+0+\sqrt{4})!+8 = 8+(\sqrt{4}+0+5)!\\
\mathbf{5049} &:= (5+0+\sqrt{4})!+9 = 9+(\sqrt{4}+0+5)!
\end{aligned}$$

The following examples are in **digit's order** and its **reverse** separately:

$$\begin{aligned}
\mathbf{120} &:= ((1+2)!-0!)! & \mathbf{25} &:= 5^2\\
\mathbf{127} &:= -1+2^7 & \mathbf{64} &:= \sqrt{4^6}\\
\mathbf{1673} &:= -1-6+7!/3 & \mathbf{289} &:= (9+8)^2\\
\mathbf{1679} &:= 1+(-6+7!)/\sqrt{9} & \mathbf{3894} &:= (\sqrt{4}+\sqrt{(\sqrt{9})!^8})\times 3\\
\mathbf{1680} &:= (1+6)!/\sqrt{8+0!} & \mathbf{4957} &:= 7!-59-4!\\
\mathbf{38970} &:= -3!!+8!-9\times 70 & \mathbf{6992} &:= 2^9+9\times 6!\\
\mathbf{38986} &:= -3+8!-\sqrt{(\sqrt{9}+8)^6} & \mathbf{26493} &:= (2+6)!-4!^{\sqrt{9}}-3\\
\mathbf{40310} &:= (\sqrt{4^{03}})!-10 & \mathbf{30792} &:= 3!\times((0+7)!+92)\\
\mathbf{90894} &:= -(\sqrt{9})!+((0!+8)!+(\sqrt{9})!!)/4 & \mathbf{54476} &:= (5!+4!^4-7!)/6\\
\mathbf{91560} &:= ((\sqrt{9})!+1)!+5!\times(6!+0!) & \mathbf{75989} &:= \sqrt{9}\times(8-(\sqrt{9})!!)+5^7
\end{aligned}$$

First column numbers are in **digit's order** and second columns are in **reverse order of digits**. For details refer author's work [14, 15, 16].

4.6 Fibonacci Sequence

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

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

Below are examples of **selfie numbers** by use of **Fibonacci sequence values**. This we have done in different situations, such as using $F(\cdot)$ and $F(F(\cdot))$ in separate works. See below examples:

$$\begin{aligned}
\mathbf{143} &:= -1+F(4\times 3) && = F(3\times 4)-1\\
\mathbf{986} &:= F(9)\times(F(8)+F(6)) && = (F(6)+F(8))\times F(9)\\
\mathbf{1178} &:= F(11)\times F(7)+F(8) && = F(8)+F(7)\times F(11)\\
\mathbf{2585} &:= F(2)+F(5+8+5) && = F(5+8+5)+F(2)\\
\mathbf{12819} &:= 1+F(2\times(8-1))\times F(9) && = F(9)\times F((-1+8)\times 2)+1\\
\mathbf{24297} &:= F(2\times 4)\times F(2+9)\times F(7) && = F(7)\times F(9+2)\times F(4\times 2)\\
\mathbf{39394} &:= -3+93+F(9)^{F(4)} && = (-4+F(9))\times 3+F(9)^3
\end{aligned}$$

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$$\begin{aligned}
\mathbf{74997} &:= -7\times 4 + F(9+9+7) &&= F(7+9+9) - 4\times 7\\
\mathbf{87937} &:= -8 + F(7)\times F(9\times 3-7) &&= F(7)\times F(3\times 9-7) - 8\\
\mathbf{98703} &:= 9\times (F(8)+F(7\times 03)) &&= (F(3\times 07)+F(8))\times 9
\end{aligned}$$

$$\begin{aligned}
\mathbf{34} &:= F(3\times F(4))\\
\mathbf{233} &:= F(F(-2+3\times 3))\\
\mathbf{630} &:= F(F(6))\times 30\\
\mathbf{1178} &:= F(11)\times F(7)+F(8)\\
\mathbf{2079} &:= (-2+F(F(07)))\times 9\\
\mathbf{4864} &:= F(F(4))^8\times (F(F(6))-F(F(4)))\\
\mathbf{8759} &:= -F(9-5)^7 + F(F(8))\\
\mathbf{8849} &:= -9\times F(F(F(F(4)))-8)) + F(F(8))\\
\mathbf{9349} &:= -F(F(9)/F(F(4))) + F(F(F(-3+9)))
\end{aligned}$$

$$\begin{aligned}
\mathbf{36} &:= 6^{F(3)}\\
\mathbf{143} &:= F(3\times 4)-1\\
\mathbf{231} &:= F(13)-2\\
\mathbf{377} &:= F(-7+7\times 3)\\
\mathbf{986} &:= (F(6)+F(8))\times F(9)\\
\mathbf{1165} &:= 5\times F(F(6\times 1+1))\\
\mathbf{1596} &:= F(F(6)+9) - F(F(F(5-1)))\\
\mathbf{2592} &:= F(2\times 9)+F(5+F(2))\\
\mathbf{9756} &:= F(F(F(6))) - 5\times 7\times F(9)
\end{aligned}$$

$$\begin{aligned}
\mathbf{834660} &:= (F(8\times 3)\times F(4)+6)\times 6+0 = 0+6\times (6+F(4)\times F(3\times 8))\\
\mathbf{834661} &:= (F(8\times 3)\times F(4)+6)\times 6+1 = 1+6\times (6+F(4)\times F(3\times 8))\\
\mathbf{834662} &:= (F(8\times 3)\times F(4)+6)\times 6+2 = 2+6\times (6+F(4)\times F(3\times 8))\\
\mathbf{834663} &:= (F(8\times 3)\times F(4)+6)\times 6+3 = 3+6\times (6+F(4)\times F(3\times 8))\\
\mathbf{834664} &:= (F(8\times 3)\times F(4)+6)\times 6+4 = 4+6\times (6+F(4)\times F(3\times 8))\\
\mathbf{834665} &:= (F(8\times 3)\times F(4)+6)\times 6+5 = 5+6\times (6+F(4)\times F(3\times 8))\\
\mathbf{834666} &:= (F(8\times 3)\times F(4)+6)\times 6+6 = 6+6\times (6+F(4)\times F(3\times 8))\\
\mathbf{834667} &:= (F(8\times 3)\times F(4)+6)\times 6+7 = 7+6\times (6+F(4)\times F(3\times 8))\\
\mathbf{834668} &:= (F(8\times 3)\times F(4)+6)\times 6+8 = 8+6\times (6+F(4)\times F(3\times 8))\\
\mathbf{834669} &:= (F(8\times 3)\times F(4)+6)\times 6+9 = 9+6\times (6+F(4)\times F(3\times 8)).
\end{aligned}$$

$$\begin{aligned}
\mathbf{21960} &:= 2\times 1\times (F(9)+F(F(F(6))))+0 = 0+(F(F(F(6)))+F(9))\times 1\times 2\\
\mathbf{21961} &:= 2\times 1\times (F(9)+F(F(F(6))))+1 = 1+(F(F(F(6)))+F(9))\times 1\times 2\\
\mathbf{21962} &:= 2\times 1\times (F(9)+F(F(F(6))))+2 = 2+(F(F(F(6)))+F(9))\times 1\times 2\\
\mathbf{21963} &:= 2\times 1\times (F(9)+F(F(F(6))))+3 = 3+(F(F(F(6)))+F(9))\times 1\times 2\\
\mathbf{21964} &:= 2\times 1\times (F(9)+F(F(F(6))))+4 = 4+(F(F(F(6)))+F(9))\times 1\times 2\\
\mathbf{21965} &:= 2\times 1\times (F(9)+F(F(F(6))))+5 = 5+(F(F(F(6)))+F(9))\times 1\times 2\\
\mathbf{21966} &:= 2\times 1\times (F(9)+F(F(F(6))))+6 = 6+(F(F(F(6)))+F(9))\times 1\times 2\\
\mathbf{21967} &:= 2\times 1\times (F(9)+F(F(F(6))))+7 = 7+(F(F(F(6)))+F(9))\times 1\times 2\\
\mathbf{21968} &:= 2\times 1\times (F(9)+F(F(F(6))))+8 = 8+(F(F(F(6)))+F(9))\times 1\times 2\\
\mathbf{21969} &:= 2\times 1\times (F(9)+F(F(F(6))))+9 = 9+(F(F(F(6)))+F(9))\times 1\times 2.
\end{aligned}$$

First three blocks are in both ways. In the last block the first column values are in **digit's order** and the second columns values are in **reverse order of digits**. For more details see author's [23, 24].

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4.7 Triangular Numbers

Triangular numbers are very much famous in the literature of mathematics. The general formula to write these numbers is given by

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

The examples given in above subsections are with **factorial**, **square-root**, **Fibonacci sequence** numbers, etc. Still, one can have similar kind of results using **Triangular numbers**. See below some examples:

$$\begin{aligned}
\mathbf{1069} &:= T(10) - T(6) + T(T(9)) & \mathbf{874} &:= T(T(T(4))) - T(T(7) + 8)\\
\mathbf{1081} &:= T(1 + T(08 + 1)) & \mathbf{0105} &:= 50 + T(10)\\
\mathbf{2887} &:= T(T(T(T(2)))) + T(T(8) + T(8)) + T(7) & \mathbf{1155} &:= -T(T(5)) + T(51 - 1)\\
\mathbf{4965} &:= T(-4 + 9) + T(-T(6) + T(T(5))) & \mathbf{1224} &:= T(T(T(4)) - T(T(2))) - 2 + 1\\
\mathbf{4999} &:= 49 + T(99) & \mathbf{2418} &:= T(81) - T(42)\\
\mathbf{99545} &:= T(9) + T(9) \times T(T(T(5) - 4)) + 5 & \mathbf{99632} &:= 2 + (3 + T(T(6) + T(9))) \times T(9)\\
\mathbf{99546} &:= T(9) + T(9) \times T(T(T(5) - 4)) + 6. & \mathbf{99633} &:= 3 + (3 + T(T(6) + T(9))) \times T(9).
\end{aligned}$$

First column values are in **digit's order** and the second column values are in **reverse order of digits**. In consecutive sequential values we have:

$$\begin{aligned}
\mathbf{2210} &:= T(T(T(T(T(2))))/T(T(T(2))))) - 1 + 0 = 0 - 1 + T(T(T(T(T(2))))/T(T(T(2)))))\\
\mathbf{2211} &:= T(T(T(T(T(2))))/T(T(T(2))))) - 1 + 1 = 1 - 1 + T(T(T(T(T(2))))/T(T(T(2)))))\\
\mathbf{2212} &:= T(T(T(T(T(2))))/T(T(T(2))))) - 1 + 2 = 2 - 1 + T(T(T(T(T(2))))/T(T(T(2)))))\\
\mathbf{2213} &:= T(T(T(T(T(2))))/T(T(T(2))))) - 1 + 3 = 3 - 1 + T(T(T(T(T(2))))/T(T(T(2)))))\\
\mathbf{2214} &:= T(T(T(T(T(2))))/T(T(T(2))))) - 1 + 4 = 4 - 1 + T(T(T(T(T(2))))/T(T(T(2)))))\\
\mathbf{2215} &:= T(T(T(T(T(2))))/T(T(T(2))))) - 1 + 5 = 5 - 1 + T(T(T(T(T(2))))/T(T(T(2)))))\\
\mathbf{2216} &:= T(T(T(T(T(2))))/T(T(T(2))))) - 1 + 6 = 6 - 1 + T(T(T(T(T(2))))/T(T(T(2)))))\\
\mathbf{2217} &:= T(T(T(T(T(2))))/T(T(T(2))))) - 1 + 7 = 7 - 1 + T(T(T(T(T(2))))/T(T(T(2)))))\\
\mathbf{2218} &:= T(T(T(T(T(2))))/T(T(T(2))))) - 1 + 8 = 8 - 1 + T(T(T(T(T(2))))/T(T(T(2)))))\\
\mathbf{2219} &:= T(T(T(T(T(2))))/T(T(T(2))))) - 1 + 9 = 9 - 1 + T(T(T(T(T(2))))/T(T(T(2))))).
\end{aligned}$$

For more details see author's work [21].

4.8 Binomial Coefficients

Binomial coefficients are well known in literature. They are given by

$$C(m, r) = \frac{m!}{r! \times (m-r)!},\ m \geq r \geq 0,\ m, r \in \boldsymbol{N}.$$

In above subsections, we gave examples of selfie numbers with **Fibonacci sequence**, **Triangular numbers**, etc. Still, one can have similar kind results using **binomial coefficients**. See below some examples written in **both ways**, **digit's order** and **reverse order of digits**:

$$\mathbf{6435} := C(C(6,\ 4),\ 3 + 5) \quad = C(5 \times 3,\ \sqrt{4} + 6)$$

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$$\begin{aligned}
\mathbf{15504} &:= C(15+5,\ 0!+4) && = C(4\times 05,\ 5\times 1)\\
\mathbf{42504} &:= C(4!,\ \sqrt{2\times 50/4}) && = C(4!,\ -05+24)\\
\mathbf{54264} &:= C(5+4^2,\ C(6,\ 4)) && = C(4!-6/2,\ (\sqrt{4+5})!)\\
\mathbf{74613} &:= C(7\times 4-6,\ 1\times 3!) && = C(3!+16,\ (-4+7)!).
\end{aligned}$$

$$\begin{aligned}
\mathbf{12650} &:= C(-1+26,\ 5-0!)\\
\mathbf{12870} &:= C(1\times 2\times 8,\ 7+0!)\\
\mathbf{14950} &:= C(-1+4!+\sqrt{9},\ 5-0!)\\
\mathbf{18564} &:= C(18,\ (5-6+4)!)\\
\mathbf{19448} &:= C(19-\sqrt{4},\ \sqrt{4}+8)\\
\mathbf{26334} &:= C(2+C(6,\ 3),\ 3+\sqrt{4})\\
\mathbf{43758} &:= C(4!-3!,\ 7-5+8)\\
\mathbf{53130} &:= C(5^{3-1},\ 3!-0!).
\end{aligned}$$

$$\begin{aligned}
\mathbf{28} &:= C(8,\ 2)\\
\mathbf{792} &:= C(2\times(\sqrt{9})!,\ 7)\\
\mathbf{924} &:= C(4!/2,\ (\sqrt{9})!)\\
\mathbf{2024} &:= C(4!,\ 2+(0\times 2)!)\\
\mathbf{4845} &:= C(5\times 4,\ 8-4)\\
\mathbf{00378} &:= C(C(8,\ \sqrt{7-3}),\ 0!+0!)\\
\mathbf{00792} &:= C(2\times(\sqrt{9})!,\ 7-0!-0!)\\
\mathbf{00924} &:= C(4!/2,\ \sqrt{9}\times(0!+0!)).
\end{aligned}$$

Consecutive sequential representations:

$$\begin{aligned}
\mathbf{25920} &:= (-2+5)!!\times C(9,2)+0\\
\mathbf{25921} &:= (-2+5)!!\times C(9,2)+1\\
\mathbf{25922} &:= (-2+5)!!\times C(9,2)+2\\
\mathbf{25923} &:= (-2+5)!!\times C(9,2)+3\\
\mathbf{25924} &:= (-2+5)!!\times C(9,2)+4\\
\mathbf{25925} &:= (-2+5)!!\times C(9,2)+5\\
\mathbf{25926} &:= (-2+5)!!\times C(9,2)+6\\
\mathbf{25927} &:= (-2+5)!!\times C(9,2)+7\\
\mathbf{25928} &:= (-2+5)!!\times C(9,2)+8\\
\mathbf{25929} &:= (-2+5)!!\times C(9,2)+9.
\end{aligned}$$

$$\begin{aligned}
\mathbf{98280} &:= 0+C(C(8,2),8-\sqrt{9})\\
\mathbf{98281} &:= 1+C(C(8,2),8-\sqrt{9})\\
\mathbf{98282} &:= 2+C(C(8,2),8-\sqrt{9})\\
\mathbf{98283} &:= 3+C(C(8,2),8-\sqrt{9})\\
\mathbf{98284} &:= 4+C(C(8,2),8-\sqrt{9})\\
\mathbf{98285} &:= 5+C(C(8,2),8-\sqrt{9})\\
\mathbf{98286} &:= 6+C(C(8,2),8-\sqrt{9})\\
\mathbf{98287} &:= 7+C(C(8,2),8-\sqrt{9})\\
\mathbf{98288} &:= 8+C(C(8,2),8-\sqrt{9})\\
\mathbf{98289} &:= 9+C(C(8,2),8-\sqrt{9}).
\end{aligned}$$

For more details refer author's work [22].

4.9 S-gonal numbers

The formula for **S-gonal numbers** is given by

$$\boldsymbol{P(n,s)} := \frac{n(n-1)(s-2)}{2}+n,\ \ s>2.$$

This subsection brings some examples of selfie numbrs using **S-gonal numbers**. These examples are in **digit's order** and in **reverse order of digits**:

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$$\begin{aligned}
\mathbf{4992} &:= P(4!, 9+9+2)\\
\mathbf{7744} &:= (P(7,7)-4!)^{\sqrt{4}}\\
\mathbf{7896} &:= 7 \times P(8\times\sqrt{9}, 6)\\
\mathbf{65485} &:= -P(6,5)+\sqrt{4}\times 8^5\\
\mathbf{65943} &:= P(6,5)\times((\sqrt{9})!^4-3)\\
\mathbf{67977} &:= (6+7)\times(P(9,7)+7!)\\
\mathbf{72495} &:= -P(7+2,4)+9!/5\\
\mathbf{83544} &:= \sqrt{P(8,3)}\times(5!-\sqrt{4})^{\sqrt{4}}.
\end{aligned}$$

$$\begin{aligned}
\mathbf{8967} &:= 7\times P(P(6,\sqrt{9}),8)\\
\mathbf{9504} &:= 4!\times P(\sqrt{0!+5!},9)\\
\mathbf{9744} &:= 4!\times P(4\times 7,\sqrt{9})\\
\mathbf{49281} &:= 1\times 8!+P(29,4!)\\
\mathbf{49548} &:= -8!-P(4!,5)+9!/4\\
\mathbf{50424} &:= 4!\times P(-2+4!,\sqrt{0!+5!})\\
\mathbf{52895} &:= (5+P(9,8))^2-5\\
\mathbf{53995} &:= (5!-P(9,\sqrt{9}))\times 3!!-5.
\end{aligned}$$

The consecutive sequential examples are given by

$$\begin{aligned}
\mathbf{86640} &:= P(8,6)\times(6!+\sqrt{4})+0\\
\mathbf{86641} &:= P(8,6)\times(6!+\sqrt{4})+1\\
\mathbf{86642} &:= P(8,6)\times(6!+\sqrt{4})+2\\
\mathbf{86643} &:= P(8,6)\times(6!+\sqrt{4})+3\\
\mathbf{86644} &:= P(8,6)\times(6!+\sqrt{4})+4\\
\mathbf{86645} &:= P(8,6)\times(6!+\sqrt{4})+5\\
\mathbf{86646} &:= P(8,6)\times(6!+\sqrt{4})+6\\
\mathbf{86647} &:= P(8,6)\times(6!+\sqrt{4})+7\\
\mathbf{86648} &:= P(8,6)\times(6!+\sqrt{4})+8\\
\mathbf{86649} &:= P(8,6)\times(6!+\sqrt{4})+9.
\end{aligned}$$

$$\begin{aligned}
\mathbf{5640} &:= 0+P(4!,6)\times 5\\
\mathbf{5641} &:= 1+P(4!,6)\times 5\\
\mathbf{5642} &:= 2+P(4!,6)\times 5\\
\mathbf{5643} &:= 3+P(4!,6)\times 5\\
\mathbf{5644} &:= 4+P(4!,6)\times 5\\
\mathbf{5645} &:= 5+P(4!,6)\times 5\\
\mathbf{5646} &:= 6+P(4!,6)\times 5\\
\mathbf{5647} &:= 7+P(4!,6)\times 5\\
\mathbf{5648} &:= 8+P(4!,6)\times 5\\
\mathbf{5649} &:= 9+P(4!,6)\times 5.
\end{aligned}$$

For more details refer author's work [17].

4.10 Centered Polygonal Numbers

The formula for **centered polygonal numbers** is given by

$$\boldsymbol{K(n,t)} := \frac{t\,n(n-1)}{2}+1, \quad t>2.$$

Below are some examples of selfie numbers with **centered polygonal numbers**. These are in **digit's order** and in**reverse order of digits**:

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$$\begin{aligned}
\mathbf{2883} &:= K(2\times 8,8)\times 3\\
\mathbf{2888} &:= K(2+8,8)\times 8\\
\mathbf{3640} &:= K(3!,6)\times 40\\
\mathbf{14939} &:= -1+(K(4!,(\sqrt{9})!)+3)\times 9\\
\mathbf{14959} &:= (-1+K(4!,(\sqrt{9})!)+5)\times 9\\
\mathbf{15144} &:= K(15,(-1+4)!)\times 4!\\
\mathbf{15347} &:= (-1+5)!\times 3!!-K(4!,7)\\
\mathbf{15399} &:= K(1\times 5!/3!,9)\times 9
\end{aligned}$$

$$\begin{aligned}
\mathbf{00938} &:= K(\sqrt{K(8,3!)},(\sqrt{9})!)\times(0!+0!)\\
\mathbf{01051} &:= K(15,010)\\
\mathbf{01199} &:= K(9,\sqrt{9})\times(1+10)\\
\mathbf{59938} &:= K(8,3!)+(\sqrt{9})!!+9^5\\
\mathbf{62424} &:= 4!\times K(2+4!,2+6)\\
\mathbf{63384} &:= 4!+(K(8,3)+3)\times 6!\\
\mathbf{63744} &:= 4!\times(K(4!,7)+3+6!)\\
\mathbf{63973} &:= K(3!+7,9)\times K(3!,6).
\end{aligned}$$

The consecutive sequential examples are given by

$$\begin{aligned}
\mathbf{99360} &:= K((\sqrt{9})!,\sqrt{9})\times 3\times 6!+0=0+6!\times K(3!,\sqrt{9})\times\sqrt{9}\\
\mathbf{99361} &:= K((\sqrt{9})!,\sqrt{9})\times 3\times 6!+1=1+6!\times K(3!,\sqrt{9})\times\sqrt{9}\\
\mathbf{99362} &:= K((\sqrt{9})!,\sqrt{9})\times 3\times 6!+2=2+6!\times K(3!,\sqrt{9})\times\sqrt{9}\\
\mathbf{99363} &:= K((\sqrt{9})!,\sqrt{9})\times 3\times 6!+3=3+6!\times K(3!,\sqrt{9})\times\sqrt{9}\\
\mathbf{99364} &:= K((\sqrt{9})!,\sqrt{9})\times 3\times 6!+4=4+6!\times K(3!,\sqrt{9})\times\sqrt{9}\\
\mathbf{99365} &:= K((\sqrt{9})!,\sqrt{9})\times 3\times 6!+5=5+6!\times K(3!,\sqrt{9})\times\sqrt{9}\\
\mathbf{99366} &:= K((\sqrt{9})!,\sqrt{9})\times 3\times 6!+6=6+6!\times K(3!,\sqrt{9})\times\sqrt{9}\\
\mathbf{99367} &:= K((\sqrt{9})!,\sqrt{9})\times 3\times 6!+7=7+6!\times K(3!,\sqrt{9})\times\sqrt{9}\\
\mathbf{99368} &:= K((\sqrt{9})!,\sqrt{9})\times 3\times 6!+8=8+6!\times K(3!,\sqrt{9})\times\sqrt{9}\\
\mathbf{99369} &:= K((\sqrt{9})!,\sqrt{9})\times 3\times 6!+9=9+6!\times K(3!,\sqrt{9})\times\sqrt{9}.
\end{aligned}$$

For more details refer author's work [17].

4.11 Quadratic-Type Selfies

The formula for **quadratic numbers** is given by

$$\boldsymbol{Q(n)} := n^2,\ n>0, n\in \boldsymbol{N}.$$

Below are some examples of selfie numbers with **quadratic-type selfie numbers**. These are in **digit's order** and in**reverse order of digits**:

Selfie Numbers: Basic Operations, **Zenodo**, March 26, 2019, pp. 1-134,
http://doi.org/10.5281/zenodo.2609143

$$\begin{aligned}
\mathbf{48} &:= -Q(4)+Q(8) & \mathbf{49} &:= Q(-9+Q(4))\\
\mathbf{81} &:= Q(8+1) & \mathbf{89} &:= Q(9)+8\\
\mathbf{128} &:= 1\times 2\times Q(8) & \mathbf{224} &:= (Q(4)-2)\times Q(Q(2))\\
\mathbf{292} &:= Q(Q(Q(2)))+9\times Q(2) & \mathbf{275} &:= Q(5)\times(7+Q(2))\\
\mathbf{322} &:= Q(Q(3)\times 2)-2 & \mathbf{736} &:= Q(Q(6)-Q(3))+7\\
\mathbf{1036} &:= 10^3+Q(6) & \mathbf{0107} &:= 7+Q(010)\\
\mathbf{1125} &:= Q(11+Q(2))\times 5 & \mathbf{0231} &:= -Q(13)+Q(20)\\
\mathbf{1729} &:= 1\times 7\times(Q(Q(Q(2)))-9) & \mathbf{1257} &:= 7+Q(Q(5))\times 2\times 1\\
\mathbf{9843} &:= (Q(-9+Q(8))+Q(Q(4)))\times 3 & \mathbf{2239} &:= -Q(9)+Q(3\times Q(Q(2)))+Q(Q(2))\\
\mathbf{10025} &:= 100^2+Q(5) & \mathbf{08136} &:= Q(6)+Q(Q(3)+1+80)\\
\mathbf{10384} &:= (-1+Q(Q(03)))\times 8\times Q(4) & \mathbf{99712} &:= Q(Q(2))\times 1\times(Q(79)-9)\\
\mathbf{99378} &:= 9\times(Q(93)+Q(Q(7)))-8 & \mathbf{37293} &:= -3+(Q(Q(9))-Q(Q(2))-Q(Q(7)))\times Q(3).
\end{aligned}$$

First column values are in **digit's order** and the second column values are in **reverse order of digits**. In consecutive sequential values we have:

$$\begin{aligned}
\mathbf{12680} &:= (Q(1+Q(Q(2)))+Q(Q(6)))\times 8+0 = 0+8\times(Q(Q(6))+Q(Q(Q(2))+1))\\
\mathbf{12681} &:= (Q(1+Q(Q(2)))+Q(Q(6)))\times 8+1 = 1+8\times(Q(Q(6))+Q(Q(Q(2))+1))\\
\mathbf{12682} &:= (Q(1+Q(Q(2)))+Q(Q(6)))\times 8+2 = 2+8\times(Q(Q(6))+Q(Q(Q(2))+1))\\
\mathbf{12683} &:= (Q(1+Q(Q(2)))+Q(Q(6)))\times 8+3 = 3+8\times(Q(Q(6))+Q(Q(Q(2))+1))\\
\mathbf{12684} &:= (Q(1+Q(Q(2)))+Q(Q(6)))\times 8+4 = 4+8\times(Q(Q(6))+Q(Q(Q(2))+1))\\
\mathbf{12685} &:= (Q(1+Q(Q(2)))+Q(Q(6)))\times 8+5 = 5+8\times(Q(Q(6))+Q(Q(Q(2))+1))\\
\mathbf{12686} &:= (Q(1+Q(Q(2)))+Q(Q(6)))\times 8+6 = 6+8\times(Q(Q(6))+Q(Q(Q(2))+1))\\
\mathbf{12687} &:= (Q(1+Q(Q(2)))+Q(Q(6)))\times 8+7 = 7+8\times(Q(Q(6))+Q(Q(Q(2))+1))\\
\mathbf{12688} &:= (Q(1+Q(Q(2)))+Q(Q(6)))\times 8+8 = 8+8\times(Q(Q(6))+Q(Q(Q(2))+1))\\
\mathbf{12689} &:= (Q(1+Q(Q(2)))+Q(Q(6)))\times 8+9 = 9+8\times(Q(Q(6))+Q(Q(Q(2))+1))
\end{aligned}$$

For more details refer author's work [25].

4.12 Cubic-Type Selfies

The formula for **cubic numbers** is given by

$$\boldsymbol{Q(n)} := n^3,\ n>0, n\in \boldsymbol{N}.$$

Below are some examples of selfie numbers with **cubic-type selfie numbers**. These are in **digit's order** and in**reverse order of digits**:

Selfie Numbers: Basic Operations, **Zenodo**, March 26, 2019, pp. 1-134,
http://doi.org/10.5281/zenodo.2609143

$$\begin{aligned}
\mathbf{125} &:= 1^2 \times C(5)\\
\mathbf{522} &:= 5 \times 2 + C(C(2))\\
\mathbf{991} &:= -9 + C(9+1)\\
\mathbf{1371} &:= (1+3) \times C(7) - 1\\
\mathbf{1715} &:= 1 \times C(7) \times 1 \times 5\\
\mathbf{2587} &:= -C(2) + 5 \times (C(8)+7)\\
\mathbf{9945} &:= C(9) + 9 \times 4^5\\
\mathbf{10125} &:= (10-1)^2 \times C(5)\\
\mathbf{16444} &:= C(16) \times 4 + C(4) - 4\\
\mathbf{30375} &:= C(30) + C(3+7+5)\\
\mathbf{99873} &:= C(9) \times (9 + C(8)/(7-3))
\end{aligned}$$

$$\begin{aligned}
\mathbf{512} &:= C(2+1+5)\\
\mathbf{991} &:= (C(1+9) - 9)\\
\mathbf{0235} &:= 5 \times (C(3) + 20)\\
\mathbf{0263} &:= C(3) + C(6) + 20\\
\mathbf{1735} &:= 5 \times (3 + C(7) + 1)\\
\mathbf{5974} &:= -4 + 7 \times (C(9) + C(5))\\
\mathbf{00157} &:= -C(7) + 5 \times 100\\
\mathbf{01928} &:= 8 \times (C(C(2)) + C(9) - C(10))\\
\mathbf{45194} &:= -4 + C(9) \times (1 + C(5) - C(4))\\
\mathbf{99535} &:= 5 \times (C(C(3)) + C(5) + 99)
\end{aligned}$$

First column values are in **digit's order** and the second column values are in **reverse order of digits**. In consecutive sequential values we have:

$$\begin{aligned}
\mathbf{22950} &:= (-2 + C(C(2))) \times 9 \times 5 + 0 = 0 + 5 \times 9 \times (-2 + C(C(2)))\\
\mathbf{22951} &:= (-2 + C(C(2))) \times 9 \times 5 + 1 = 1 + 5 \times 9 \times (-2 + C(C(2)))\\
\mathbf{22952} &:= (-2 + C(C(2))) \times 9 \times 5 + 2 = 2 + 5 \times 9 \times (-2 + C(C(2)))\\
\mathbf{22953} &:= (-2 + C(C(2))) \times 9 \times 5 + 3 = 3 + 5 \times 9 \times (-2 + C(C(2)))\\
\mathbf{22954} &:= (-2 + C(C(2))) \times 9 \times 5 + 4 = 4 + 5 \times 9 \times (-2 + C(C(2)))\\
\mathbf{22955} &:= (-2 + C(C(2))) \times 9 \times 5 + 5 = 5 + 5 \times 9 \times (-2 + C(C(2)))\\
\mathbf{22956} &:= (-2 + C(C(2))) \times 9 \times 5 + 6 = 6 + 5 \times 9 \times (-2 + C(C(2)))\\
\mathbf{22957} &:= (-2 + C(C(2))) \times 9 \times 5 + 7 = 7 + 5 \times 9 \times (-2 + C(C(2)))\\
\mathbf{22958} &:= (-2 + C(C(2))) \times 9 \times 5 + 8 = 8 + 5 \times 9 \times (-2 + C(C(2)))\\
\mathbf{22959} &:= (-2 + C(C(2))) \times 9 \times 5 + 9 = 9 + 5 \times 9 \times (-2 + C(C(2)))
\end{aligned}$$

Remark 4.1. *The notation* $\mathbf{C}(.\ ,\ .)$ *in two variables represent* ***binomial coefficients****, while the* $\mathbf{C}(.\ )$ *in single variable represent* ***cubic numbers****.*

For more details refer author's work [25].

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References

[1] **J. BARTON**, Centered Polygonal Numbers, *http://www.virtuescience.com/centered-polygonal.html*.

[2] **C. ROSE**, Radical Narcissistic numbers, *J. Recreational Mathematics*, **33**, (2004-2005), pp. 250-254.

[3] **C. ROSE**, Pretty Wild Narcissistic numbers, The On-Line Encyclopedia of Integer Sequences, founded by N.J.A. Slone, *https://oeis.org/A193069*, August 08, 2011.

[4] **C. ROSE**, Pretty Wild Narcissistic numbers, *http://www.tri.org.au/numQ/pwn/*.

[5] **H.E. DUDENEY**, Amusements in Mathematics, EBD E-Books Directory.com, 1917.

[6] **E. FREIDMAN**, Math Magic Archive, *http://bit.ly/2wp7HWS*.

[7] **E. FREIDMAN**, Math Magic Numbers Archive, *http://bit.ly/2Tzbo5Q*.

[8] **H. HEINZ**, Number Patterns, *http://www.magic-squares.net*.

[9] **R. KNOTT**, Polygonal Numbers, *http://www.maths.surrey.ac.uk/hosted-sites/R.Knott/Figurate/figurate.html*.

[10] **R. KNOTT**, The Mathematical Magic of the Fibonacci Numbers, *http://www.maths.surrey.ac.uk/hosted-sites/R.Knott/Fibonacci/fibmaths.html*

[11] **J.S. MADACHY**, Mathematics on Vacations, Charlers Scriber's Son, New York, 1966.

[12] **WOLFRAM MATH WORLD**, Polygonal Numbers, *http://mathworld.wolfram.com/PolygonalNumber.html*.

[13] **WOLFRAM MATH WORLD**, Centered Polygonal Numbers, *http://mathworld.wolfram.com/CenteredPolygonalNumber.html*.

[14] **I.J. TANEJA**, Selfie Numbers - I: Symmetrical and Unified Representations, RGMIA Research Report Collection, **18**(2015), Article 174, pp.1-94. *http://rgmia.org/papers/v18/v18a174.pdf*.

[15] **I.J. TANEJA**, Selfie Numbers - V: Six Digits Symmetrical Representations with Factorial, RGMIA Research Report Collection, **19**(2016), Article 164, pp.1-60, *http://rgmia.org/papers/v19/v19a164.pdf*.

[16] **I.J. TANEJA**, Digit's Order Selfie Numbers: Factorial and Square-Root, RGMIA Research Report Collection, **20**(2017), Art. 140, pp. 1-86, *http://rgmia.org/papers/v20/v20a140.pdf*.

[17] **I.J. TANEJA**, S-gonal and Centered Polygonal Selfie Numbers, and Connections with Binomials Coefficients, RGMIA Research Report Collection, **20**(2017), Art. 43, pp. 1-42, *http://rgmia.org/papers/v20/v20a43.pdf*.

[18] **I.J. TANEJA**, Crazy, Selfie, Fibonacci, Triangular, Amicable Types Representations of Numbers, RGMIA Research Report Collection, **21**(2018), Art. 3, pp. 1-140, *http://rgmia.org/papers/v21/v21a03.pdf*.

[19] **I.J. TANEJA**, 2019 In Numbers, **Zenodo**, December 31, 2019, pp. 1-27, *http://doi.org/10.5281/zenodo.2529103*.

[20] **I.J. TANEJA**, Permutable Powers Selfie Numbers, **Zenodo**, Open Access. February 15, 2019, pp. 1-227, http://doi.org/10.5281/zenodo.2566445.

[21] **I.J. TANEJA**, Triangular-Type Selfie Numebrs, **Zenodo**, Open Access. February 17, 2019, pp. 1-91, *http://doi.org/10.5281/zenodo.2567571*

[22] **I.J. TANEJA**, Selfie Numbers With Binomial Coefficients, **Zenodo**, Open Access. February 18, 2019, pp. 1-116, *http://doi.org/10.5281/zenodo.2571472*.

[23] **I.J. TANEJA**, Fibonacci Sequence and Selfie Numbers, **Zenodo**, Open Access. February 19, 2019, pp. 1-233, *http://doi.org/10.5281/zenodo.2572044*.

[24] **I.J. TANEJA**, Simultaneous Representations of Selfie Numbers in Terms of Fibonacci and Triangular Numbers, **Zenodo**, Open Access. February 20, 2019, pp. 1-115, *http://doi.org/10.5281/zenodo.2574136*.

[25] **I.J. TANEJA**, Quadratic-Type Selfie Numbers, **Zenodo**, Open Access. February 25, 2019, pp. 1-315, *http://doi.org/10.5281/zenodo.2577472*.

[26] **I.J. TANEJA**, Factorial-Type Selfie Numbers in Digit's Order, **Zenodo**, Open Access, March 06, 2019, pp. 1-243, *http://doi.org/10.5281/zenodo.2585586*.

[27] **I.J. TANEJA**, Factorial-Type Selfie Numbers in Reverse Order of Digits, **Zenodo**, Open Access, March 06, 2019, pp. 1-227, *http://doi.org/10.5281/zenodo.2585599*.

[28] **I.J. TANEJA**, Concatenation-Type Selfie Numbers With Factorial and Square-Root, **Zenodo**, Open Access, March 08, 2019, pp. 1-43, *http://doi.org/10.5281/zenodo.2587751*.

[29] **I.J. TANEJA**, Cubic-Type Selfie Numbers, **Zenodo**, Open Access, March 12, 2019, pp. 1-150, *http://doi.org/10.5281/zenodo.2591257*.
