

Double Sequential Representations of Natural Numbers – III

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Abstract

This work brings representations of natural numbers from 0 to 2016 in two different ways. In both the representations the digits used are 8 to 0 in decreasing order.

1 Introduction

First we shall give some different ways of representing natural numbers using the digits 0 to 9 or 1 to 9. See the subsections below

1.1 Increasing and Decreasing Orders of 1 to 9

In 2014 [8], the author studied natural numbers from 0 to 11111 representing in terms of 1 to 9 in increasing and decreasing ways, such as,

$$\begin{aligned}
 100 &= 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 \times 9 = 9 \times 8 + 7 + 6 + 5 + 4 + 3 + 2 + 1. \\
 101 &= 1 + 2 + 34 + 5 + 6 \times 7 + 8 + 9 = 9 \times 8 + 7 + 6 + 5 + 4 + 3 \times 2 + 1. \\
 102 &= 12 + 3 \times 4 \times 5 + 6 + 7 + 8 + 9 = 9 + 8 + 7 + 6 + 5 + 4^3 + 2 + 1. \\
 103 &= 1 \times 2 \times 34 + 5 + 6 + 7 + 8 + 9 = 9 + 8 + 7 \times 6 + 5 \times 4 + 3 + 21. \\
 104 &= 1 + 23 + 4 + 5 + 6 + 7 \times 8 + 9 = 9 + 8 + 7 + 65 + 4 \times 3 + 2 + 1. \\
 105 &= 1 + 2 \times 3 \times 4 + 56 + 7 + 8 + 9 = 9 + 8 \times 7 + 6 \times 5 + 4 + 3 + 2 + 1. \\
 106 &= 12 + 3 + 4 \times 5 + 6 + 7 \times 8 + 9 = 9 + 8 \times 7 + 6 \times 5 + 4 + 3 \times 2 + 1. \\
 107 &= 1 \times 23 + 4 + 56 + 7 + 8 + 9 = 9 + 8 + 76 + 5 + 4 + 3 + 2 \times 1. \\
 108 &= 1 + 2 + 3 + 4 + 5 + 6 + 78 + 9 = 9 + 8 + 76 + 5 + 4 + 3 + 2 + 1.
 \end{aligned}$$

For comments on this work see [1, 2, 6, 7].

1.2 Flexible Power Representations

Recently, author [23] wrote natural numbers from 0 to 11111 in little different way. The powers and bases are of same digits. The representations are symmetric. See some examples below:

$$\begin{aligned}
 3211 &= 1^3 + 3^4 + 4^1 + 5^5. & 4831 &= -1^2 - 2^8 - 3^3 + 4^5 - 5^1 + 8^4. \\
 3213 &= -1^1 + 2^4 + 3^2 + 4^3 + 5^5. & 4835 &= -1^3 - 2^8 - 3^1 + 4^5 - 5^2 + 8^4. \\
 3217 &= -1^2 + 2^3 + 3^4 + 4^1 + 5^5. & 4837 &= 1^3 - 2^8 - 3^1 + 4^5 - 5^2 + 8^4. \\
 3220 &= 1^2 + 2^7 - 3^3 + 5^5 - 7^1. & 4840 &= 1^1 - 2^8 + 4^5 - 5^2 + 8^4. \\
 \\
 3221 &= 1^3 - 2^1 + 3^4 + 4^2 + 5^5. & 11097 &= -2^8 + 4^6 + 5^5 + 6^2 + 8^4. \\
 3222 &= 1^4 + 2^6 - 4^1 + 5^5 + 6^2. & 11098 &= 2^6 + 4^7 + 5^2 - 6^5 + 7^4. \\
 3229 &= -1^1 + 2^3 + 3^4 + 4^2 + 5^5. & 11099 &= 1^1 + 2^6 + 4^7 + 5^2 - 6^5 + 7^4. \\
 3230 &= 2^3 + 3^4 + 4^2 + 5^5. & 11100 &= -1^1 - 2^2 + 3^9 - 5^6 + 6^5 - 9^3.
 \end{aligned}$$

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1.3 Pyramidal Representations

Following the procedure of previous subsection 1.2, in [32], numbers from 0 to 1500 are written in pyramidal style. See some examples,

$$\begin{aligned}
 22 &= 0^1 - 1^0 - 2^2 + 3^3 \\
 &= 0^2 + 1^3 + 2^4 + 3^0 + 4^1 \\
 &= 0^4 - 1^5 + 2^3 + 3^2 + 4^0 + 5^1 \\
 &= 0^2 + 1^6 + 2^5 - 3^4 + 4^3 + 5^1 + 6^0 \\
 &= 0^5 + 1^7 - 2^6 - 3^4 + 4^1 + 5^3 + 6^2 + 7^0 \\
 &= 0^1 + 1^4 + 2^8 + 3^5 - 4^7 + 5^6 + 6^3 + 7^0 + 8^2 \\
 &= 0^6 - 1^9 + 2^8 - 3^7 + 4^5 + 5^4 + 6^3 + 7^1 + 8^0 + 9^2.
 \end{aligned}$$

$$\begin{aligned}
 666 &= 0^1 - 1^3 + 2^5 + 3^2 + 4^0 + 5^4 \\
 &= 0^0 + 1^5 - 2^6 + 3^1 + 4^3 + 5^4 + 6^2 \\
 &= 0^5 + 1^7 - 2^6 + 3^1 + 4^3 + 5^4 + 6^2 + 7^0 \\
 &= 0^2 - 1^7 - 2^6 - 3^8 + 4^3 + 5^5 + 6^1 + 7^0 + 8^4 \\
 &= 0^7 + 1^9 - 2^5 - 3^8 + 4^6 + 5^2 + 6^1 + 7^4 + 8^0 + 9^3.
 \end{aligned}$$

$$\begin{aligned}
 1179 &= 0^1 + 1^0 + 2^5 + 3^6 + 4^4 + 5^3 + 6^2 \\
 &= 0^2 + 1^6 + 2^4 - 3^7 + 4^0 + 5^5 + 6^3 + 7^1 \\
 &= 0^6 + 1^7 - 2^8 + 3^5 + 4^1 + 5^4 + 6^0 + 7^2 + 8^3 \\
 &= 0^6 + 1^9 - 2^8 - 3^7 + 4^5 + 5^3 + 6^1 + 7^4 + 8^2 + 9^0.
 \end{aligned}$$

$$\begin{aligned}
 1089 &= 0^1 + 1^0 + 2^3 + 3^4 + 4^5 - 5^2 \\
 &= 0^4 - 1^6 + 2^1 + 3^3 + 4^5 + 5^0 + 6^2 \\
 &= 0^2 + 1^6 - 2^7 + 3^5 + 4^1 + 5^4 + 6^0 + 7^3 \\
 &= 0^0 - 1^7 + 2^4 - 3^8 + 4^6 + 5^5 + 6^1 + 7^3 + 8^2 \\
 &= 0^6 - 1^9 + 2^7 - 3^8 + 4^1 + 5^5 + 6^3 + 7^0 + 8^4 + 9^2.
 \end{aligned}$$

1.4 Double Representations of Numbers

This subsection deals with representations of natural numbers, where we have used digits in a sequential way ending in 0, such as [2,1,0], [3, 2, 1, 0],..., [7, 6, 5, 4, 3, 2, 1, 0], etc. These representations are done using both the processes given in subsections 1.1 and 1.2. It is interesting to observe that the processes given in subsection 1.1 uses operations such as, addition, subtraction, multiplication, division, potentiation, square-root and factorial. The procedure given in subsection 1.2, uses only addition, subtractions and potentiation. Below are some examples,

$$\begin{aligned}
 1 &= 2^1 - 1^0 + 0^2 \\
 &= 2 - 1 \times 0!.
 \end{aligned}$$

$$\begin{aligned}
 116 &= 5^2 + 4^0 + 3^4 + 2^3 + 1^5 + 0^1 \\
 &= 54 + 3 \times 21 - 0!.
 \end{aligned}$$

$$\begin{aligned}
 2 &= 2^0 + 1^2 + 0^1 \\
 &= 2 \times 1 \times 0!.
 \end{aligned}$$

$$\begin{aligned}
 120 &= 5^2 + 4^1 + 3^4 + 2^3 + 1^5 + 0^0 \\
 &= (5 + 4321 \times 0)!.
 \end{aligned}$$

$$\begin{aligned}
 11 &= 3^2 + 2^0 + 1^3 + 0^1 \\
 &= 3 - 2 + 10.
 \end{aligned}$$

$$\begin{aligned}
 1406 &= 6^4 + 5^1 + 4^3 + 3^2 + 2^5 - 1^6 + 0^0 \\
 &= 6 + 5! + 4 \times 32 \times 10.
 \end{aligned}$$

$$\begin{aligned}
 25 &= 3^3 - 2^2 + 1^1 + 0^0 \\
 &= 3 + 21 + 0!.
 \end{aligned}$$

$$\begin{aligned}
 1411 &= 6^3 + 5^2 + 4^5 + 3^4 + 2^6 + 1^0 + 0^1 \\
 &= 6! - 5 - 4! + (3 \times 2 \times 1)! \times 0!.
 \end{aligned}$$

$$\begin{aligned}
 20 &= 4^2 + 3^0 + 2^1 + 1^4 + 0^3 \\
 &= 4 + 3 \times 2 + 10.
 \end{aligned}$$

$$\begin{aligned}
 227 &= -7^5 + 6^1 + 5^4 + 4^7 + 3^2 + 2^3 + 1^6 + 0^0 \\
 &= (765 - 4!)/3 - 2 \times 10.
 \end{aligned}$$

$$\begin{aligned}
 21 &= 4^2 + 3^1 + 2^0 + 1^4 + 0^3 \\
 &= (4 - 3) \times 21 \times 0!.
 \end{aligned}$$

$$\begin{aligned}
 2016 &= 7^3 + 6^4 + 5^0 + 4^1 + 3^5 + 2^7 + 1^6 + 0^2 \\
 &= (7 + 65) \times (\sqrt{4} \times 3^2 + 10).
 \end{aligned}$$

The above work is done only up 8 digits, i.e., from [2,1,0] to [7,6,5,4,3,2,1,0]. It can be seen in [26, 30]. Still, we have to bring the results from 8 to 0 and then from 9 to 0. This paper works with 8 to 0, while in [38] we worked from 9 to 0. For different work on numbers refer authors work [8]-[40]. Also refer [3], [4], [5] for more study on numbers.

2 Double Representations of Numbers in terms of 8 to 0

Applying the procedure given in 1.4, we shall write numbers from 0 to 2016 using both the procedures given in 1.1 and 1.2 for the digits in decreasing order from 8 to 0.

$$\bullet 0 = 8^3 - 7^4 + 6^1 + 5^0 + 4^5 + 3^6 + 2^7 + 1^8 + 0^2 \\ = 87654321 \times 0.$$

$$\bullet 1 = -8^4 + 7^2 + 6^0 + 5^5 + 4^3 + 3^6 + 2^7 + 1^8 + 0^1 \\ = (87654321 \times 0)!.$$

$$\bullet 2 = 8^3 + 7^1 - 6^4 + 5^0 + 4^2 + 3^6 + 2^5 + 1^8 + 0^7 \\ = -8 - 76 + 54 + 32 \times 1 \times 0!.$$

$$\bullet 3 = 8^3 - 7^2 - 6^5 + 5^4 + 4^0 + 3^8 + 2^7 + 1^6 + 0^1 \\ = -8 - 76 + 54 + 32 + 1 \times 0!.$$

$$\bullet 4 = 8^2 - 7^5 + 6^3 + 5^0 + 4^7 + 3^4 + 2^6 + 1^8 + 0^1 \\ = (8 - 7) \times (6 - 5) \times 4 + 321 \times 0.$$

$$\bullet 5 = -8^1 - 7^4 + 6^2 + 5^3 + 4^0 + 3^7 + 2^6 + 1^8 + 0^5 \\ = (8 - 7) \times (6 - 5) + 4 + 321 \times 0.$$

$$\bullet 6 = -8^4 + 7^2 + 6^1 + 5^5 + 4^3 + 3^6 + 2^7 + 1^0 + 0^8 \\ = -8 - 7 - 6 - 5 + 4 \times 3 + 2 \times 10.$$

$$\bullet 7 = -8^4 + 7^2 + 6^1 + 5^5 + 4^3 + 3^6 + 2^7 + 1^8 + 0^0 \\ = -8 + 7 \times 6 + 5 - 4 \times 3 - 2 \times 10.$$

$$\bullet 8 = 8^2 - 7^5 + 6^3 + 5^1 + 4^7 + 3^4 + 2^6 + 1^0 + 0^8 \\ = 8 + 7654321 \times 0.$$

$$\bullet 9 = 8^2 - 7^5 + 6^3 + 5^1 + 4^7 + 3^4 + 2^6 + 1^8 + 0^0 \\ = (8 + 7 - 6 + 54)/(3! + 2 - 1) \times 0!.$$

$$\bullet 10 = -8^3 - 7^2 + 6^1 + 5^0 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 8 - 76 + 54 + 3 + 21 \times 0!.$$

$$\bullet 11 = 8^3 + 7^1 - 6^5 + 5^4 + 4^2 + 3^8 + 2^6 + 1^7 + 0^0 \\ = 8 \times (7 + 6) - 5 - 4! - 3 \times 21 - 0!.$$

$$\bullet 12 = 8^3 - 7^4 - 6^1 + 5^2 + 4^5 + 3^6 + 2^7 + 1^0 + 0^8 \\ = 8 \times (7 + 6) - 5 - 4! - 3 \times 21 \times 0!.$$

$$\bullet 13 = 8^2 - 7^4 + 6^0 + 5^3 + 4^1 + 3^7 + 2^5 + 1^8 + 0^6 \\ = (8 + 7) \times (65 - 4^3) - 2 + 1 \times 0.$$

$$\bullet 14 = 8^4 - 7^1 + 6^5 - 5^7 + 4^8 + 3^6 + 2^3 + 1^0 + 0^2 \\ = (-8 + 7)^{65} - 4 + 3^2 + 10.$$

$$\bullet 15 = 8^2 - 7^4 + 6^1 + 5^3 + 4^0 + 3^7 + 2^5 + 1^8 + 0^6 \\ = 8 - 7 - 6 - 5 + 4! + (321 \times 0)!.$$

$$\bullet 16 = -8^3 - 7^5 - 6^2 + 5^0 + 4^7 + 3^6 + 2^8 + 1^4 + 0^1 \\ = ((8 + 7 - 6) \times 5 - 43) \times (-2 + 10).$$

$$\bullet 17 = 8^0 - 7^4 + 6^2 + 5^3 + 4^1 + 3^7 + 2^6 + 1^8 + 0^5 \\ = (8 + 7) \times (65 - 4^3) + 2 + 1 \times 0.$$

$$\bullet 18 = -8^4 - 7^2 + 6^1 + 5^0 + 4^6 + 3^3 + 2^5 + 1^8 + 0^7 \\ = (-8 - 7 + 65 + 4)/3 \times (21 \times 0)!.$$

$$\bullet 19 = 8^3 - 7^4 + 6^0 + 5^2 + 4^5 + 3^6 + 2^7 + 1^8 + 0^1 \\ = 8 - 76 + 54 + 32 + 1 \times 0!.$$

$$\bullet 20 = -8^3 - 7^5 - 6^2 + 5^1 + 4^7 + 3^6 + 2^8 + 1^0 + 0^4 \\ = 87 - 65 + 4 - 3 - 2 - 1 \times 0!.$$

$$\bullet 21 = 8^1 - 7^4 + 6^2 + 5^3 + 4^0 + 3^7 + 2^6 + 1^8 + 0^5 \\ = -8 - 7 + 65 + 4 - 32 - 1 \times 0!.$$

$$\bullet 22 = -8^3 + 7^0 - 6^2 + 5^1 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 87 - 65 + 4321 \times 0.$$

$$\bullet 23 = -8^4 - 7^1 - 6^0 + 5^5 + 4^2 + 3^6 + 2^8 + 1^7 + 0^3 \\ = -8 + 76 + 5 \times (-4 + 3 + 2 - 10).$$

$$\bullet 24 = 8^3 - 7^4 + 6^1 + 5^2 + 4^5 + 3^6 + 2^7 + 1^0 + 0^8 \\ = -8 - 7 + 6 - 5 - 4 + 32 + 10.$$

$$\bullet 25 = 8^5 - 7^6 + 6^3 + 5^7 + 4^0 + 3^8 + 2^1 + 1^4 + 0^2 \\ = 8 \times 7 + 6 - 5 - 4 \times 3 - 2 \times 10.$$

$$\bullet 26 = -8^4 + 7^0 - 6^1 + 5^5 + 4^2 + 3^6 + 2^8 + 1^7 + 0^3 \\ = 8 + 7 + 6 + 5 + 4321 \times 0.$$

- $27 = -8^4 + 7^2 + 6^3 + 5^5 + 4^0 + 3^6 + 2^1 + 1^8 + 0^7$
 $= 87 - 6 + 5 - (4 + 3)^2 - 10.$
- $28 = 8^5 - 7^6 - 6^2 + 5^7 + 4^4 + 3^8 + 2^1 + 1^0 + 0^3$
 $= -8 - 7 + 6 + 5 + 4 \times 3 + 2 \times 10.$
- $29 = -8^4 + 7^2 + 6^3 + 5^5 + 4^1 + 3^6 + 2^0 + 1^8 + 0^7$
 $= 8 - (7 + 6) \times 5 + 4! + 3 \times 21 - 0!.$
- $30 = 8^5 - 7^6 + 6^3 + 5^7 + 4^1 + 3^8 + 2^2 + 1^0 + 0^4$
 $= (8 + 7 + 65)/4 \times 3/2 - 1 \times 0.$
- $31 = 8^5 - 7^6 + 6^3 + 5^7 + 4^1 + 3^8 + 2^2 + 1^4 + 0^0$
 $= 8 - (7 + 6) \times 5 + 4! + 3 \times 21 + 0!.$
- $32 = 8^3 + 7^2 - 6^4 + 5^0 + 4^1 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 87 - 65 + 4 + 3 + 2 + 1 \times 0!.$
- $33 = -8^1 - 7^5 + 6^0 + 5^3 + 4^7 + 3^4 + 2^8 + 1^6 + 0^2$
 $= 8 + 7 + 65 - 4 \times 3! \times 2 + 1 \times 0!.$
- $34 = 8^3 - 7^4 + 6^2 + 5^1 + 4^5 + 3^6 + 2^7 + 1^0 + 0^8$
 $= 8 + 76 - 5 - 43 - 2 \times 1 \times 0!.$
- $35 = 8^3 - 7^4 + 6^2 + 5^1 + 4^5 + 3^6 + 2^7 + 1^8 + 0^0$
 $= 8 \times (7 - 6) - 5 + 4 \times 3 + 2 \times 10.$
- $36 = -8^4 - 7^3 + 6^1 + 5^0 + 4^6 + 3^5 + 2^7 + 1^8 + 0^2$
 $= -8 + 7 + 65 + 4 - 32 + 1 \times 0.$
- $37 = -8^4 - 7^2 + 6^1 + 5^5 + 4^3 + 3^6 + 2^8 + 1^7 + 0^0$
 $= (8 - 7) \times 65 + 4 - 32 + 1 \times 0.$
- $38 = -8^4 + 7^0 + 6^1 + 5^5 + 4^2 + 3^6 + 2^8 + 1^7 + 0^3$
 $= 8 - 7 + 65 + 4 - 32 + 1 \times 0.$
- $39 = -8^4 + 7^1 + 6^0 + 5^5 + 4^2 + 3^6 + 2^8 + 1^7 + 0^3$
 $= 8 - 7 - 6 + 5 - 4! + 3 \times 21 \times 0!.$
- $40 = 8^5 - 7^6 + 6^3 + 5^7 + 4^2 + 3^8 + 2^1 + 1^0 + 0^4$
 $= -8 \times (7 - 6) + 54 - 3! + 2 - 1 - 0!.$
- $41 = 8^5 - 7^6 + 6^3 + 5^7 + 4^2 + 3^8 + 2^1 + 1^4 + 0^0$
 $= 8 - 7 - 6 + 5 + 4! - 3 + 2 \times 10.$
- $42 = 8^5 - 7^6 + 6^3 + 5^7 + 4^1 + 3^8 + 2^4 + 1^0 + 0^2$
 $= -8 + 7 + 6 + 5 + 4 \times 3 + 2 \times 10.$
- $43 = 8^5 - 7^6 + 6^3 + 5^7 + 4^1 + 3^8 + 2^4 + 1^2 + 0^0$
 $= -8 + 76 - 5 + 4 \times (3 + 2 - 10).$
- $44 = -8^1 - 7^4 + 6^3 + 5^0 + 4^2 + 3^7 + 2^5 + 1^8 + 0^6$
 $= 8 - 7 + 65 - 43 + 21 \times 0!.$
- $45 = 8^2 - 7^4 + 6^0 + 5^3 + 4^1 + 3^7 + 2^6 + 1^8 + 0^5$
 $= -8 - 76 + 5! + 4 - 3 - 2 + 10.$
- $46 = 8^1 + 7^0 - 6^4 + 5^2 + 4^5 + 3^3 + 2^8 + 1^7 + 0^6$
 $= 8 + 7 - 6 + 5 + 4 \times 3 + 2 \times 10.$
- $47 = 8^2 - 7^4 + 6^1 + 5^3 + 4^0 + 3^7 + 2^6 + 1^8 + 0^5$
 $= -8 + 7 - 6 + 54 + 321 \times 0.$
- $48 = 8^2 - 7^0 - 6^4 + 5^3 + 4^5 + 3^1 + 2^7 + 1^8 + 0^6$
 $= 8 + 7 + 6 - 5 + 4 \times 3 + 2 \times 10.$
- $49 = 8^1 - 7^5 + 6^0 + 5^3 + 4^7 + 3^4 + 2^8 + 1^6 + 0^2$
 $= 87 - 6 - 54 + 32 - 10.$
- $50 = -8^2 - 7^4 + 6^1 + 5^0 + 4^3 + 3^7 + 2^8 + 1^6 + 0^5$
 $= 8 \times (7 - 6)^{54} + 32 + 10.$
- $51 = -8^4 + 7^1 - 6^2 + 5^5 + 4^3 + 3^6 + 2^8 + 1^7 + 0^0$
 $= 8 + 7 + 65 + 4 - 32 - 1 \times 0!.$
- $52 = -8^1 - 7^5 + 6^3 + 5^0 + 4^7 + 3^2 + 2^8 + 1^6 + 0^4$
 $= -8 \times (7 - 6) + 54 + 3! + 2 - 1 - 0!.$
- $53 = -8^1 - 7^4 + 6^3 + 5^2 + 4^0 + 3^7 + 2^5 + 1^8 + 0^6$
 $= -8 + 76 + 5 + 4 \times (3 + 2 - 10).$
- $54 = 8^5 - 7^6 + 6^3 + 5^7 + 4^2 + 3^8 + 2^4 + 1^0 + 0^1$
 $= -8 + 76 - 5 - 4 + 3 + 2 - 10.$
- $55 = 8^5 - 7^6 + 6^3 + 5^7 + 4^2 + 3^8 + 2^4 + 1^1 + 0^0$
 $= 8 + 7 - 6 + 54 - 3! - 2 + 1 - 0!.$
- $56 = -8^4 + 7^0 + 6^2 + 5^5 + 4^1 + 3^6 + 2^8 + 1^7 + 0^3$
 $= 8 \times 7 + 654321 \times 0.$
- $57 = 8^0 - 7^4 + 6^3 + 5^1 + 4^2 + 3^7 + 2^5 + 1^8 + 0^6$
 $= 8 + 7 - 6 + 54 - 3! - 2 + 1 + 0!.$

$$\bullet 58 = -8^4 - 7^2 + 6^3 + 5^5 + 4^1 + 3^6 + 2^7 + 1^0 + 0^8 \\ = 8 + 7 + 6 + 5 + 4 \times 3 + 2 \times 10.$$

$$\bullet 59 = -8^4 + 7^1 + 6^2 + 5^5 + 4^0 + 3^6 + 2^8 + 1^7 + 0^3 \\ = 87 - 6 + (5 - 4!) - 3 \times (2 - 1) \times 0!.$$

$$\bullet 60 = 8^1 - 7^4 + 6^3 + 5^0 + 4^2 + 3^7 + 2^5 + 1^8 + 0^6 \\ = 8 + 7 + 65 - 4 \times 3 + 2 - 10.$$

$$\bullet 61 = -8^4 - 7^3 + 6^1 + 5^2 + 4^6 + 3^5 + 2^7 + 1^8 + 0^0 \\ = 8 - 76 + 5! + 4 - 3 - 2 + 10.$$

$$\bullet 62 = -8^3 - 7^2 - 6^1 + 5^0 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6 \\ = (8 + 7 + 65)/4 \times 3 + 2 - 1 \times 0.$$

$$\bullet 63 = -8^2 - 7^5 + 6^4 + 5^6 + 4^0 + 3^1 + 2^3 + 1^8 + 0^7 \\ = 8 + 7 - 6 + 54 + 321 \times 0.$$

$$\bullet 64 = -8^2 - 7^5 + 6^4 + 5^6 + 4^1 + 3^0 + 2^3 + 1^8 + 0^7 \\ = -8 + 76 - 5 - 4 - 3 - 2 + 10.$$

$$\bullet 65 = 8^5 - 7^6 + 6^0 + 5^7 + 4^4 + 3^8 + 2^1 + 1^3 + 0^2 \\ = 8 + 7 + 6 + 5 - 4! + 3 \times 21 \times 0!.$$

$$\bullet 66 = -8^4 - 7^3 + 6^2 + 5^0 + 4^6 + 3^5 + 2^7 + 1^8 + 0^1 \\ = -8 + 76 - 5 + 4 - 3 + 2 \times 1 \times 0!.$$

$$\bullet 67 = 8^5 - 7^6 + 6^0 + 5^7 + 4^4 + 3^8 + 2^2 + 1^3 + 0^1 \\ = 8 \times (7 + 6) - 5 - 4 \times 3 - 2 \times 10.$$

$$\bullet 68 = 8^1 - 7^5 + 6^3 + 5^0 + 4^7 + 3^2 + 2^8 + 1^6 + 0^4 \\ = -8 + 76 - 5 + 4 + 3 - 2 \times 1 \times 0!.$$

$$\bullet 69 = -8^4 + 7^2 + 6^0 + 5^5 + 4^1 + 3^6 + 2^8 + 1^7 + 0^3 \\ = -8 + 76 + (5 - 4)^{3210}.$$

$$\bullet 70 = -8^4 - 7^3 + 6^2 + 5^1 + 4^6 + 3^5 + 2^7 + 1^0 + 0^8 \\ = 8 - 7 + 6 + 54 + 3! + 2 + 1 \times 0!.$$

$$\bullet 71 = -8^4 + 7^2 + 6^1 + 5^5 + 4^0 + 3^6 + 2^8 + 1^7 + 0^3 \\ = 8 + 7 - 6 + 54 + 3! + 2 \times 1 \times 0!.$$

$$\bullet 72 = 8^5 - 7^6 + 6^1 + 5^7 + 4^4 + 3^8 + 2^2 + 1^0 + 0^3 \\ = 8 + 76 - 54 + 32 + 10.$$

$$\bullet 73 = 8^5 - 7^6 + 6^1 + 5^7 + 4^4 + 3^8 + 2^2 + 1^3 + 0^0 \\ = (-8 + 76 + 5) \times (-4 - 3 - 2 + 10).$$

$$\bullet 74 = -8^3 - 7^2 + 6^1 + 5^0 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6 \\ = -8 + 76 + 5 - 4 - 3 - 2 + 10.$$

$$\bullet 75 = -8^0 - 7^5 + 6^2 + 5^3 + 4^7 + 3^4 + 2^8 + 1^6 + 0^1 \\ = 8 + 7 + 65 + 4 - 3^2 + 1 \times 0.$$

$$\bullet 76 = 8^5 - 7^6 + 6^1 + 5^7 + 4^4 + 3^8 + 2^3 + 1^0 + 0^2 \\ = (8 - 7) \times (65 + 4 \times 3 - 2 + 1) \times 0!.$$

$$\bullet 77 = 8^5 - 7^6 + 6^1 + 5^7 + 4^4 + 3^8 + 2^3 + 1^2 + 0^0 \\ = 8 + 7 \times 6 - 5 + 4 \times 3 + 2 \times 10.$$

$$\bullet 78 = -8^2 + 7^3 - 6^4 + 5^1 + 4^5 + 3^0 + 2^6 + 1^8 + 0^7 \\ = 8 + 7 + 6 + 5 \times 4! - 3 \times 21 \times 0!.$$

$$\bullet 79 = 8^0 - 7^5 + 6^3 + 5^2 + 4^7 + 3^1 + 2^8 + 1^6 + 0^4 \\ = 8 \times (-76 + 54 + 32) - 1 \times 0!.$$

$$\bullet 80 = -8^4 + 7^2 - 6^3 + 5^0 + 4^6 + 3^5 + 2^1 + 1^8 + 0^7 \\ = 8 \times (-76 + 54 + 32) \times 1 \times 0!.$$

$$\bullet 81 = -8^2 - 7^5 + 6^4 + 5^6 + 4^0 + 3^3 + 2^1 + 1^8 + 0^7 \\ = 8 \times (-76 + 54 + 32) + 1 \times 0!.$$

$$\bullet 82 = -8^3 - 7^5 + 6^1 + 5^2 + 4^7 + 3^6 + 2^8 + 1^0 + 0^4 \\ = -8 + 76 + 5 + 4 - 3 - 2 + 10.$$

$$\bullet 83 = -8^3 - 7^5 + 6^1 + 5^2 + 4^7 + 3^6 + 2^8 + 1^4 + 0^0 \\ = -8 + 76 - 5 + 4 \times (-3 - 2 + 10).$$

$$\bullet 84 = -8^3 + 7^0 + 6^1 + 5^2 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 8 + 7 + (65 + 4)/3 \times (2 + 1 \times 0!).$$

$$\bullet 85 = -8^3 + 7^1 + 6^0 + 5^2 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 8 + 76 + (5 - 4)^{-3 - 2 + 10}.$$

$$\bullet 86 = -8^4 + 7^0 + 6^1 + 5^5 + 4^3 + 3^6 + 2^8 + 1^7 + 0^2 \\ = (8 - 7 - 6)/5 + 4! + 3 \times 21 \times 0!.$$

$$\bullet 87 = -8^4 + 7^1 + 6^0 + 5^5 + 4^3 + 3^6 + 2^8 + 1^7 + 0^2 \\ = 8 \times 7 - 6 + 5 + 4 \times 3 + 2 \times 10.$$

$$\bullet 88 = -8^3 - 7^5 + 6^2 + 5^0 + 4^7 + 3^6 + 2^8 + 1^4 + 0^1 \\ = 8 \times (-76 + 54 + 32 + 1 \times 0!).$$

- $89 = 8^0 - 7^4 + 6^3 + 5^1 + 4^2 + 3^7 + 2^6 + 1^8 + 0^5$
 $= 8 \times 7 + 6 - 5 + 4 \times 3 + 2 \times 10.$
- $90 = -8^4 - 7^1 + 6^2 + 5^0 + 4^6 + 3^3 + 2^5 + 1^8 + 0^7$
 $= -8 \times 7 - 6 + 5! + 4 \times 3 + 2 \times 10.$
- $91 = -8^4 + 7^1 - 6^0 + 5^2 + 4^6 + 3^3 + 2^5 + 1^8 + 0^7$
 $= 8 + 7 + 65 + 4 + 3! + 2 - 1 \times 0!.$
- $92 = -8^4 + 7^0 + 6^1 + 5^2 + 4^6 + 3^3 + 2^5 + 1^8 + 0^7$
 $= 87 + 6 - 5 \times 4 + 3^2 + 10.$
- $93 = -8^4 + 7^1 + 6^0 + 5^2 + 4^6 + 3^3 + 2^5 + 1^8 + 0^7$
 $= -8 + 76 + 5 + 4 \times (-3 - 2 + 10).$
- $94 = -8^3 + 7^0 + 6^2 + 5^1 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 \times 7 + 65 + 4 - 32 + 1 \times 0!.$
- $95 = -8^0 - 7^4 + 6^3 + 5^2 + 4^1 + 3^7 + 2^6 + 1^8 + 0^5$
 $= (-8 + 7 + 6) \times (-5 + 4!) \times (321 \times 0)!.$
- $96 = -8^3 + 7^1 + 6^2 + 5^0 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 + 76 + 54 - 32 - 10.$
- $97 = 8^0 - 7^4 + 6^3 + 5^2 + 4^1 + 3^7 + 2^6 + 1^8 + 0^5$
 $= 8 + (7 + 6) \times 5 + 4! + 321 \times 0.$
- $98 = 8^3 + 7^1 - 6^4 + 5^0 + 4^2 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 87 - 6 - 5 + 43 - 21 \times 0!.$
- $99 = 8^5 - 7^6 + 6^2 + 5^7 + 4^4 + 3^8 + 2^0 + 1^3 + 0^1$
 $= (87 - 6) \times (5 - 4) - 3 + 21 \times 0!.$
- $100 = 8^5 - 7^6 + 6^2 + 5^7 + 4^4 + 3^8 + 2^1 + 1^0 + 0^3$
 $= -8 + 76 + 5 + 4 + 3 + 2 \times 10.$
- $101 = 8^5 - 7^6 + 6^2 + 5^7 + 4^4 + 3^8 + 2^1 + 1^3 + 0^0$
 $= 8 + 7 - 6 - (-54 + 3! + 2) \times (1 + 0!).$
- $102 = -8^4 + 7^0 + 6^2 + 5^1 + 4^6 + 3^3 + 2^5 + 1^8 + 0^7$
 $= 8 + (7 - 6 + 54 - 3! - 2) \times (1 + 0!).$
- $103 = 8^2 + 7^3 - 6^4 + 5^1 + 4^0 + 3^6 + 2^8 + 1^7 + 0^5$
 $= -87 \times 6 + 5^4 - 3 + 2 + 1 \times 0!.$
- $104 = -8^4 + 7^1 + 6^2 + 5^0 + 4^6 + 3^3 + 2^5 + 1^8 + 0^7$
 $= -87 \times 6 + 5^4 + 3/(2 + 1) \times 0!.$
- $105 = 8^2 - 7^5 + 6^0 + 5^3 + 4^7 + 3^4 + 2^8 + 1^6 + 0^1$
 $= -87 \times 6 + 5^4 + 3 - (21 \times 0)!.$
- $106 = 8^5 - 7^6 + 6^2 + 5^7 + 4^4 + 3^8 + 2^3 + 1^0 + 0^1$
 $= 87 + 65 - 4 - 32 - 10.$
- $107 = -8^3 + 7^2 + 6^0 + 5^1 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= -87 \times 6 + 5^4 + 3! - 2 - 1 + 0!.$
- $108 = -8^4 + 7^0 + 6^3 + 5^5 + 4^1 + 3^6 + 2^7 + 1^8 + 0^2$
 $= -87 + 65 \times (4 - 3) \times (2 + 1) \times 0!.$
- $109 = -8^4 - 7^1 + 6^2 + 5^5 + 4^3 + 3^6 + 2^8 + 1^7 + 0^0$
 $= 8 + 76 + 5 + 4 \times (-3 - 2 + 10).$
- $110 = 8^2 - 7^5 + 6^1 + 5^3 + 4^7 + 3^4 + 2^8 + 1^0 + 0^6$
 $= (8 + 7 + (65 + 4) \times 3)/2 - 1 \times 0!.$
- $111 = -8^4 + 7^3 + 6^0 + 5^5 + 4^1 + 3^6 + 2^2 + 1^8 + 0^7$
 $= (8 + 7 + (65 + 4) \times 3)/2 \times 1 \times 0!.$
- $112 = -8^4 - 7^1 + 6^3 + 5^5 + 4^2 + 3^6 + 2^7 + 1^0 + 0^8$
 $= (8 + 7 + (65 + 4) \times 3)/2 + 1 \times 0!.$
- $113 = -8^4 + 7^3 + 6^1 + 5^5 + 4^0 + 3^6 + 2^2 + 1^8 + 0^7$
 $= -8 + 76 + 5 \times (4 - 3 - 2 + 10).$
- $114 = -8^4 - 7^2 + 6^1 + 5^0 + 4^6 + 3^3 + 2^7 + 1^8 + 0^5$
 $= -8 - 7 + 65 + 4^3 \times (2 - 1 \times 0!).$
- $115 = -8^4 + 7^2 + 6^0 + 5^1 + 4^6 + 3^3 + 2^5 + 1^8 + 0^7$
 $= -8 - 7 + 65 + 4^3 + 2 - 1 \times 0!.$
- $116 = -8^4 + 7^2 + 6^1 + 5^0 + 4^6 + 3^3 + 2^5 + 1^8 + 0^7$
 $= 87 + 6 + 5 - 4 + 32 - 10.$
- $117 = -8^0 - 7^5 - 6^3 + 5^2 + 4^7 + 3^6 + 2^1 + 1^8 + 0^4$
 $= (876 - 5^4 + 3)/2 - 10.$
- $118 = 8^2 - 7^5 + 6^3 + 5^0 + 4^7 + 3^1 + 2^8 + 1^6 + 0^4$
 $= 8 + 7 + 65 - 4 + 32 + 10.$

$$\bullet 119 = -8^2 - 7^5 + 6^4 + 5^6 + 4^3 + 3^1 + 2^0 + 1^8 + 0^7 \\ = 8 + 7 + 6 \times (-5 + 43)/2 - 10.$$

$$\bullet 120 = -8^4 + 7^0 + 6^3 + 5^5 + 4^2 + 3^6 + 2^7 + 1^8 + 0^1 \\ = 8 \times 7 - 6 + 54 + 3 \times 2 + 10.$$

$$\bullet 121 = -8^4 + 7^3 + 6^0 + 5^5 + 4^2 + 3^6 + 2^1 + 1^8 + 0^7 \\ = 87 + (65 - 43) \times 2 - 10.$$

$$\bullet 122 = -8^4 + 7^1 + 6^2 + 5^5 + 4^3 + 3^6 + 2^8 + 1^0 + 0^7 \\ = 8 + 76 - 5 + 43 + 21 \times 0.$$

$$\bullet 123 = -8^4 + 7^1 + 6^2 + 5^5 + 4^3 + 3^6 + 2^8 + 1^7 + 0^0 \\ = 87 - 6 + 5 \times 4 + 32 - 10.$$

$$\bullet 124 = -8^1 - 7^5 + 6^3 + 5^0 + 4^7 + 3^4 + 2^8 + 1^6 + 0^2 \\ = 8 + 76 - 5 + 43 + 2 \times 1 \times 0!.$$

$$\bullet 125 = -8^4 + 7^3 + 6^1 + 5^5 + 4^2 + 3^6 + 2^0 + 1^8 + 0^7 \\ = 8 + 76 - 5 + 4 + 32 + 10.$$

$$\bullet 126 = -8^4 + 7^1 + 6^3 + 5^5 + 4^2 + 3^6 + 2^7 + 1^0 + 0^8 \\ = (-8 + 76 - 5) \times 4/(3 - 2 + 1) \times 0!.$$

$$\bullet 127 = -8^4 + 7^1 + 6^3 + 5^5 + 4^2 + 3^6 + 2^7 + 1^8 + 0^0 \\ = 8 + 7 + 65 + 4 \times 3! \times 2 - 1 \times 0!.$$

$$\bullet 128 = 8^3 - 7^4 + 6^1 + 5^0 + 4^5 + 3^6 + 2^8 + 1^7 + 0^2 \\ = -(8 - 7)^6 + 5) \times (4 \times 3 + 2 \times 10).$$

$$\bullet 129 = -8^4 + 7^2 + 6^0 + 5^5 + 4^3 + 3^6 + 2^8 + 1^7 + 0^1 \\ = 87 - 6 + 5 + 4! + 3^2 + 10.$$

$$\bullet 130 = -8^4 + 7^1 - 6^2 + 5^3 + 4^6 + 3^0 + 2^5 + 1^8 + 0^7 \\ = (-8 - 7 + 65 - 4!) \times (3 \times 2 - 1 \times 0!).$$

$$\bullet 131 = -8^0 - 7^5 - 6^3 + 5^2 + 4^7 + 3^6 + 2^4 + 1^8 + 0^1 \\ = 8 \times (7 + 6) - 5 + 4 \times 3 + 2 \times 10.$$

$$\bullet 132 = -8^1 - 7^5 + 6^4 + 5^6 + 4^2 + 3^0 + 2^3 + 1^8 + 0^7 \\ = 8 \times 7 + 6 \times 5 + 43 + 2 + 1 \times 0!.$$

$$\bullet 133 = 8^5 - 7^4 - 6^6 + 5^2 + 4^7 + 3^1 + 2^3 + 1^8 + 0^0 \\ = (8 + 7) \times (6 + 5) - 4 \times 3 - 2 \times 10.$$

$$\bullet 134 = -8^4 + 7^2 + 6^1 + 5^5 + 4^3 + 3^6 + 2^8 + 1^0 + 0^7 \\ = -8 + 7 + 6 \times 5 \times 4 + 3 + 2 + 10.$$

$$\bullet 135 = -8^4 + 7^2 + 6^1 + 5^5 + 4^3 + 3^6 + 2^8 + 1^7 + 0^0 \\ = -8 \times (7 + 6) + 5 + 4 \times 3! + 210.$$

$$\bullet 136 = 8^2 - 7^4 + 6^3 + 5^0 + 4^1 + 3^7 + 2^6 + 1^8 + 0^5 \\ = (8 - 76) \times (5 - 4 - 3) + 21 \times 0.$$

$$\bullet 137 = 8^2 - 7^4 + 6^3 + 5^1 + 4^0 + 3^7 + 2^6 + 1^8 + 0^5 \\ = 8 + (7 + 6 - 5) \times 4! - 3 \times 21 \times 0!.$$

$$\bullet 138 = 8^3 - 7^5 + 6^1 + 5^2 + 4^7 + 3^0 + 2^4 + 1^8 + 0^6 \\ = 8 \times (7 + 6) - 5 - 4! + 3 \times 21 \times 0!.$$

$$\bullet 139 = 8^0 - 7^4 + 6^1 + 5^2 + 4^3 + 3^7 + 2^8 + 1^6 + 0^5 \\ = -8 \times 7 + 65 \times 4!/(3! + 2) + 1 - 0!.$$

$$\bullet 140 = 8^1 - 7^5 + 6^3 + 5^0 + 4^7 + 3^4 + 2^8 + 1^6 + 0^2 \\ = (-8 + 7 + 6 + 5) \times (4 + 3) \times 2 \times 1 \times 0!.$$

$$\bullet 141 = -8^4 + 7^3 + 6^2 + 5^5 + 4^0 + 3^6 + 2^1 + 1^8 + 0^7 \\ = 8 \times (7 + 6) + 5 + 4 \times 3 + 2 \times 10.$$

$$\bullet 142 = -8^2 + 7^3 - 6^4 + 5^1 + 4^5 + 3^0 + 2^7 + 1^8 + 0^6 \\ = 8 - 7 + 65 + 43 \times 2 - 10.$$

$$\bullet 143 = -8^4 + 7^3 + 6^2 + 5^5 + 4^1 + 3^6 + 2^0 + 1^8 + 0^7 \\ = 8 + 7 + 65 + 4^3 - 2 + 1 \times 0!.$$

$$\bullet 144 = -8^2 + 7^0 + 6^1 - 5^4 + 4^3 + 3^6 + 2^5 + 1^8 + 0^7 \\ = 87 + 6 + 5 + 4 + 32 + 10.$$

$$\bullet 145 = 8^3 - 7^4 - 6^0 + 5^2 + 4^5 + 3^6 + 2^8 + 1^7 + 0^1 \\ = 8 + 7 + 65 + 4^3 + 2 - 1 \times 0!.$$

$$\bullet 146 = 8^3 - 7^5 + 6^2 + 5^0 + 4^7 + 3^1 + 2^4 + 1^8 + 0^6 \\ = 8 + 7 + 65 + 4^3 + 2 + 1 \times 0.$$

$$\bullet 147 = 8^3 - 7^4 + 6^0 + 5^2 + 4^5 + 3^6 + 2^8 + 1^7 + 0^1 \\ = -8 - 7 + 6 \times (-5 + 4 \times 3 + 2 \times 10).$$

$$\bullet 148 = -8^3 + 7^0 + 6^1 + 5^2 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6 \\ = 87 + 6 + 54 + 3 - 2 \times 1 \times 0!.$$

$$\bullet 149 = -8^3 + 7^1 + 6^0 + 5^2 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6 \\ = 87 + 65 - 4 + 3/(2 + 1) \times 0!.$$

- $150 = 8^5 - 7^4 - 6^6 + 5^2 + 4^7 + 3^3 + 2^1 + 1^0 + 0^8$
 $= (-8 - 7 + 65) \times (4 - 3) \times (2 + 1 \times 0!).$
- $151 = 8^0 - 7^5 + 6^4 + 5^6 + 4^1 + 3^3 + 2^2 + 1^8 + 0^7$
 $= -8 - 7 + 6 + 5 \times (4 \times 3 + 2 \times 10).$
- $152 = 8^3 - 7^4 + 6^1 + 5^2 + 4^5 + 3^6 + 2^8 + 1^0 + 0^7$
 $= 8 \times (-7 + 6) + 5 \times (4 \times 3 + 2 \times 10).$
- $153 = -8^4 + 7^2 + 6^3 + 5^5 + 4^0 + 3^6 + 2^7 + 1^8 + 0^1$
 $= -8 + 76 + 54 + 32 - 1 \times 0!.$
- $154 = -8^2 - 7^5 + 6^1 + 5^4 + 4^7 + 3^0 + 2^3 + 1^8 + 0^6$
 $= 8 - 7 - 6 - 54 + 3 + 210.$
- $155 = 8^1 - 7^5 + 6^4 + 5^6 + 4^0 + 3^3 + 2^2 + 1^8 + 0^7$
 $= -8 + 76 + 54 + 32 + 1 \times 0!.$
- $156 = -8^4 + 7^2 + 6^3 + 5^5 + 4^1 + 3^6 + 2^7 + 1^0 + 0^8$
 $= 87 + 65 + 4 + 321 \times 0.$
- $157 = -8^4 + 7^2 + 6^3 + 5^5 + 4^1 + 3^6 + 2^7 + 1^8 + 0^0$
 $= 8 - 7 + 65 \times 4! / (3! + 2 + 1 + 0!).$
- $158 = -8^3 + 7^0 + 6^2 + 5^1 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (8 + 7 + 65 - 4 + 3) \times 2 + 1 \times 0.$
- $159 = -8^0 - 7^5 + 6^4 + 5^6 + 4^2 + 3^3 + 2^1 + 1^8 + 0^7$
 $= 8 + (7 + 6) \times 5 + 4! + 3 \times 21 - 0!.$
- $160 = -8^3 + 7^1 + 6^2 + 5^0 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 + (7 + 6) \times 5 + 4! + 3 \times 21 \times 0!.$
- $161 = 8^0 - 7^5 + 6^4 + 5^6 + 4^2 + 3^3 + 2^1 + 1^8 + 0^7$
 $= 87 + 65 - 4 \times 3 + 21 \times 0!.$
- $162 = 8^3 - 7^4 + 6^2 + 5^1 + 4^5 + 3^6 + 2^8 + 1^0 + 0^7$
 $= (-8 - 7 + 65 + 4) \times 3 \times (21 \times 0!).$
- $163 = 8^3 - 7^4 + 6^2 + 5^1 + 4^5 + 3^6 + 2^8 + 1^7 + 0^0$
 $= 8 - 7 + 6 \times (-5 + 4 \times 3 + 2 \times 10).$
- $164 = 8^1 - 7^5 + 6^3 + 5^2 + 4^7 + 3^4 + 2^8 + 1^0 + 0^6$
 $= (-8 - 7 + 65 + 4) \times 3 + 2 + 1 \times 0.$
- $165 = 8^1 - 7^5 + 6^3 + 5^2 + 4^7 + 3^4 + 2^8 + 1^6 + 0^0$
 $= (-8 + 7 + 6) \times (-5 - 4! + 3 \times 21 - 0!).$
- $166 = 8^2 - 7^4 - 6^1 + 5^0 + 4^3 + 3^7 + 2^8 + 1^6 + 0^5$
 $= -8 - 7 + 65 - 4 + (3 + 2)! + 1 \times 0.$
- $167 = 8^1 - 7^5 + 6^4 + 5^6 + 4^2 + 3^3 + 2^0 + 1^8 + 0^7$
 $= 8 - 7 + 6 + 5 \times (4 \times 3 + 2 \times 10).$
- $168 = 8^1 + 7^2 - 6^4 + 5^3 + 4^5 + 3^0 + 2^8 + 1^7 + 0^6$
 $= 8 - 7 - 6 + 5 + 4 \times (32 + 10).$
- $169 = 8^3 - 7^5 + 6^0 + 5^1 + 4^7 + 3^2 + 2^6 + 1^8 + 0^4$
 $= 8 + 7 - 6 + 5 \times (4 \times 3 + 2 \times 10).$
- $170 = 8^3 - 7^5 + 6^1 + 5^0 + 4^7 + 3^2 + 2^6 + 1^8 + 0^4$
 $= 8 + 76 + 54 + 32 \times 1 \times 0!.$
- $171 = -8^3 + 7^2 + 6^0 + 5^1 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -8 - 7 + 6 + 5 \times 4 \times (-3 + 2 + 10).$
- $172 = -8^3 + 7^2 + 6^1 + 5^0 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 \times 7 \times 6 - 54 \times 3 - 2 \times 1 \times 0!.$
- $173 = -8^2 - 7^5 + 6^1 + 5^4 + 4^7 + 3^3 + 2^0 + 1^8 + 0^6$
 $= 87 - 6 - 5^4 - 3 + (2 + 1)!! \times 0!.$
- $174 = -8^4 + 7^0 + 6^1 + 5^3 + 4^6 + 3^2 + 2^5 + 1^8 + 0^7$
 $= -8 - 7 - 6 + 5 \times (-4! + 3 \times 21) \times 0!.$
- $175 = -8^4 + 7^1 + 6^0 + 5^3 + 4^6 + 3^2 + 2^5 + 1^8 + 0^7$
 $= (8 + 7 + 65 \times 4!) / (3! + 2 + 1) \times 0!.$
- $176 = -8^1 - 7^5 + 6^4 + 5^6 + 4^3 + 3^0 + 2^2 + 1^8 + 0^7$
 $= 8 + (-7 + 6 + 54 + 3) \times (2 + 1) \times 0!.$
- $177 = 8^2 - 7^4 + 6^0 + 5^1 + 4^3 + 3^7 + 2^8 + 1^6 + 0^5$
 $= 8 + 7 + 6 \times (-5 + 4 \times 3 + 2 \times 10).$
- $178 = 8^2 - 7^4 + 6^1 + 5^0 + 4^3 + 3^7 + 2^8 + 1^6 + 0^5$
 $= (-8 + 7 + 6 + 5) \times 4! - 3 \times 21 + 0!.$
- $179 = 8^3 - 7^5 - 6^0 + 5^1 + 4^7 + 3^4 + 2^2 + 1^8 + 0^6$
 $= -8 - 7 + 65 \times 4! / (3! + 2) - 1 \times 0!.$
- $180 = -8^4 - 7^0 - 6^3 + 5^2 + 4^6 + 3^5 + 2^7 + 1^8 + 0^1$
 $= -8 - 7 + 65 \times 4! / (3! + 2) \times 1 \times 0!.$

- $181 = 8^3 - 7^5 + 6^0 + 5^1 + 4^7 + 3^4 + 2^2 + 1^8 + 0^6$
 $= -8 - 7 + 65 \times 4! / (3! + 2) + 1 \times 0!$
- $182 = 8^3 - 7^5 + 6^1 + 5^0 + 4^7 + 3^4 + 2^2 + 1^8 + 0^6$
 $= -8 - 7 + 65 \times 4! / (3! + 2) + 1 \times 0!$
- $183 = 8^3 - 7^5 + 6^0 + 5^2 + 4^7 + 3^1 + 2^6 + 1^8 + 0^4$
 $= 8 \times (7 + 6 + 5) - 4! + 3 \times 21 \times 0!$
- $184 = -8^2 - 7^5 + 6^4 + 5^6 + 4^1 + 3^0 + 2^7 + 1^8 + 0^3$
 $= -8 + 76 - 5 + (4 + 3 - 2)! + 1 \times 0!$
- $185 = -8^0 - 7^5 + 6^4 + 5^6 + 4^3 + 3^1 + 2^2 + 1^8 + 0^7$
 $= -8 + 76 + 5! - 4 + (3 - 2)^{10}$
- $186 = 8^3 - 7^5 + 6^1 + 5^2 + 4^7 + 3^0 + 2^6 + 1^8 + 0^4$
 $= 8 + 7 \times 6 \times 5 - 4 \times 3 - 2 \times 10$
- $187 = 8^0 - 7^5 + 6^4 + 5^6 + 4^3 + 3^1 + 2^2 + 1^8 + 0^7$
 $= -8 + 76 - 5 + 4 + (-3 - 2 + 10)!$
- $188 = -8^4 + 7^0 + 6^1 + 5^2 + 4^6 + 3^3 + 2^7 + 1^8 + 0^5$
 $= (-8 + 76 - 5) \times (4 - 3 + 2) - 1 \times 0!$
- $189 = -8^4 + 7^1 + 6^0 + 5^2 + 4^6 + 3^3 + 2^7 + 1^8 + 0^5$
 $= -8 - 7 + (65 + 4) \times 3 - 2 - 1 \times 0!$
- $190 = -8^3 - 7^2 - 6^1 + 5^0 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 - 7 - 6 + 5 \times (-4! + 3 \times 21) \times 0!$
- $191 = 8^2 - 7^5 + 6^4 + 5^6 + 4^0 + 3^1 + 2^3 + 1^8 + 0^7$
 $= 8 + (7 \times 6 + 5) \times 4 - 3! + 2 - 1 \times 0!$
- $192 = 8^2 - 7^5 + 6^4 + 5^6 + 4^1 + 3^0 + 2^3 + 1^8 + 0^7$
 $= 8 + (7 + 6) \times (-5 + 4!) - 3 \times 21 \times 0!$
- $193 = 8^1 - 7^4 + 6^0 + 5^3 + 4^2 + 3^7 + 2^8 + 1^6 + 0^5$
 $= -8 + 76 - 5 + 4! \times (3 + 2) + 10$
- $194 = 8^3 - 7^5 + 6^2 + 5^0 + 4^7 + 3^1 + 2^6 + 1^8 + 0^4$
 $= -8 - 7 + (65 + 4) \times 3 + 2 + 1 \times 0$
- $195 = -8^4 + 7^3 - 6^2 + 5^5 + 4^0 + 3^6 + 2^7 + 1^8 + 0^1$
 $= 8 + 7 + 65 - 4 + (3 + 2)! - 1 \times 0!$
- $196 = 8^3 - 7^5 + 6^2 + 5^1 + 4^7 + 3^0 + 2^6 + 1^8 + 0^4$
 $= (8 - 7) \times 65 \times 4! / (3! + 2) + 1 \times 0!$
- $197 = 8^1 - 7^5 + 6^4 + 5^6 + 4^3 + 3^2 + 2^0 + 1^8 + 0^7$
 $= (8 + 7) \times (6 + 5) + 4 \times 3 + 2 \times 10$
- $198 = -8^4 + 7^0 + 6^2 + 5^3 + 4^6 + 3^1 + 2^5 + 1^8 + 0^7$
 $= 87 + 65 + 4 + 32 + 10$
- $199 = 8^3 - 7^5 + 6^0 + 5^2 + 4^7 + 3^4 + 2^1 + 1^8 + 0^6$
 $= -(8 + 7 - 65) \times 4 - 3 + 2 + 1 \times 0$
- $200 = -8^4 + 7^1 + 6^2 + 5^0 + 4^6 + 3^3 + 2^7 + 1^8 + 0^5$
 $= (-8 - 7 + 65) \times 4 - 3 + 2 + 1 \times 0!$
- $201 = 8^2 - 7^5 + 6^3 + 5^1 + 4^7 + 3^4 + 2^8 + 1^6 + 0^0$
 $= 8 \times 7 \times (6 - 5) + 4! \times 3 \times 2 + 1 \times 0!$
- $202 = -8^4 + 7^1 + 6^2 + 5^3 + 4^6 + 3^0 + 2^5 + 1^8 + 0^7$
 $= 8 \times 7 - 6 + (-5 + 4!) \times (3^2 - 1) \times 0!$
- $203 = 8^3 - 7^5 + 6^1 + 5^2 + 4^7 + 3^4 + 2^0 + 1^8 + 0^6$
 $= 8 + 76 - 5 + 4 + (-3 - 2 + 10)!$
- $204 = -8^4 - 7^2 + 6^3 + 5^0 + 4^6 + 3^1 + 2^5 + 1^8 + 0^7$
 $= 8 + 7 + 6 + 5 \times 4! + 3 \times 21 \times 0!$
- $205 = -8^5 - 7^3 + 6^4 + 5^6 + 4^7 + 3^2 + 2^0 + 1^8 + 0^1$
 $= -8 + 7 \times (6 + 54) + 3 - 210$
- $206 = -8^5 - 7^3 + 6^4 + 5^6 + 4^7 + 3^2 + 2^1 + 1^0 + 0^8$
 $= (-8 - 7 + 65) \times 4 + 3 \times 2 - 1 \times 0$
- $207 = -8^5 - 7^3 + 6^4 + 5^6 + 4^7 + 3^2 + 2^1 + 1^8 + 0^0$
 $= -8 + 76 + 5! + 4! + 3 + 2 - 10$
- $208 = -8^3 + 7^0 - 6^4 + 5^1 + 4^5 + 3^6 + 2^8 + 1^7 + 0^2$
 $= -8 + 7 \times 6 \times 5 + (4 - 3 + 2)! \times 1 \times 0!$
- $209 = 8^2 - 7^5 + 6^4 + 5^6 + 4^0 + 3^3 + 2^1 + 1^8 + 0^7$
 $= (8 + 76) \times 5 - 4 + 3 - 210$
- $210 = 8^3 - 7^5 + 6^2 + 5^0 + 4^7 + 3^4 + 2^1 + 1^8 + 0^6$
 $= -8 \times 7 - 6 \times (5 + 4) + 32 \times 10$
- $211 = -8^4 + 7^2 + 6^0 + 5^3 + 4^6 + 3^1 + 2^5 + 1^8 + 0^7$
 $= 8 + 7 + 65 \times 4! / (3! + 2) + 1 \times 0!$

- $212 = -8^4 + 7^2 + 6^1 + 5^0 + 4^6 + 3^3 + 2^7 + 1^8 + 0^5$
 $= 8 + 7 + 65 \times 4! / (3! + 2) + 1 + 0!$
- $213 = 8^3 - 7^5 + 6^2 + 5^1 + 4^7 + 3^4 + 2^0 + 1^8 + 0^6$
 $= 8 + 7 + (65 + 4 - 3) \times (2 + 1 \times 0!)$
- $214 = -8^4 + 7^2 + 6^1 + 5^3 + 4^6 + 3^0 + 2^5 + 1^8 + 0^7$
 $= ((8 - 7) \times 6 + 5 - 4) \times 32 - 10$
- $215 = 8^0 + 7^3 - 6^4 + 5^1 + 4^5 + 3^2 + 2^7 + 1^8 + 0^6$
 $= -8 \times 7 \times 6 + 543 - 2 + 10$
- $216 = -8^3 + 7^1 - 6^2 + 5^0 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 \times (7 - 6) \times (-5 + 4 \times 3 + 2 \times 10)$
- $217 = 8^4 - 7^3 - 6^5 + 5^1 + 4^6 + 3^2 + 2^7 + 1^8 + 0^0$
 $= -8 \times 7 + 6 - 54 + 321 \times 0!$
- $218 = 8^1 + 7^3 - 6^4 + 5^0 + 4^5 + 3^2 + 2^7 + 1^8 + 0^6$
 $= (8 \times 7 - 6) \times 5 - 4 \times 3 - 2 \times 10$
- $219 = 8^3 + 7^1 + 6^0 - 5^4 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 - 76 + 5! - 43 + 210$
- $220 = -8^4 - 7^0 - 6^2 + 5^3 + 4^6 + 3^1 + 2^7 + 1^8 + 0^5$
 $= 8 + 7 + (65 + 4) \times 3 - 2 + 1 \times 0$
- $221 = 8^3 - 7^1 - 6^4 + 5^2 + 4^0 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 + 7 + (65 + 4) \times 3 - 2 + 1 \times 0!$
- $222 = -8^4 + 7^0 - 6^2 + 5^3 + 4^6 + 3^1 + 2^7 + 1^8 + 0^5$
 $= 8 + 7 + (65 + 4) \times 3 \times (2 - 1 \times 0!)$
- $223 = -8^0 - 7^3 + 6^2 - 5^4 + 4^5 + 3^1 + 2^7 + 1^8 + 0^6$
 $= 8 - 7 + 6 \times (5 + 4 \times 3 + 2 \times 10)$
- $224 = 8^3 + 7^0 - 6^4 + 5^1 + 4^2 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 + 7 + (65 + 4) \times 3 + 2 + 1 \times 0$
- $225 = -8^4 - 7^1 + 6^3 + 5^5 + 4^0 + 3^6 + 2^8 + 1^7 + 0^2$
 $= 8 \times 7 + 6 + 5! + 43 + 2 - 1 - 0!$
- $226 = 8^3 + 7^1 - 6^4 + 5^0 + 4^2 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 + 7 - 6 + 5 \times 43 + 2 \times 1 \times 0!$
- $227 = 8^0 - 7^5 + 6^1 + 5^4 + 4^7 + 3^2 + 2^3 + 1^8 + 0^6$
 $= -8 - 76 + (5^4 - 3) / 2 \times 1 \times 0!$
- $228 = -8^2 - 7^3 + 6^1 + 5^0 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -8 - 76 + (5^4 - 3) / 2 + 1 \times 0!$
- $229 = 8^1 - 7^5 + 6^0 + 5^4 + 4^7 + 3^2 + 2^3 + 1^8 + 0^6$
 $= -8 - 76 + (5^4 + 3) / 2 - 1 \times 0!$
- $230 = 8^4 - 7^3 - 6^5 + 5^2 + 4^6 + 3^1 + 2^7 + 1^0 + 0^8$
 $= 8 \times (7 + 6 + 5) + 4! + 3 \times 21 - 0!$
- $231 = -8^2 - 7^5 + 6^0 + 5^4 + 4^7 + 3^3 + 2^6 + 1^8 + 0^1$
 $= 87 + 6 + 5! + 4 + 3! - 2 + 10$
- $232 = 8^3 + 7^0 - 6^4 + 5^2 + 4^1 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 \times (-7 + 65 + 4 - 32 - 1 \times 0!)$
- $233 = -8^4 + 7^3 - 6^0 + 5^5 + 4^1 + 3^6 + 2^7 + 1^8 + 0^2$
 $= 8 - 76 - 5 \times 4 + 321 \times 0!$
- $234 = -8^4 - 7^0 + 6^3 + 5^5 + 4^1 + 3^6 + 2^8 + 1^7 + 0^2$
 $= (-8 - 7 + 6) \times 54 + (3! + 2 - 1 - 0!)$
- $235 = -8^4 + 7^3 + 6^0 + 5^5 + 4^1 + 3^6 + 2^7 + 1^8 + 0^2$
 $= 8 \times (-7 + 6) + (5 + 4)^3 / (2 + 1) \times 0!$
- $236 = -8^4 + 7^0 + 6^3 + 5^5 + 4^1 + 3^6 + 2^8 + 1^7 + 0^2$
 $= 8 \times (-7 - 6) + 5! + 4 + 3! + 210$
- $237 = -8^4 + 7^3 + 6^1 + 5^5 + 4^0 + 3^6 + 2^7 + 1^8 + 0^2$
 $= -8 - 7 - 65 - 4 + 321 \times 0!$
- $238 = -8^3 - 7^2 + 6^1 - 5^6 + 4^7 + 3^0 + 2^5 + 1^8 + 0^4$
 $= 8 + 7 - 65 + 4! \times 3! \times 2 + 1 \times 0$
- $239 = -8^4 + 7^1 + 6^3 + 5^5 + 4^0 + 3^6 + 2^8 + 1^7 + 0^2$
 $= (-8 + 7 + 6)! + 5 \times 4! - (321 \times 0)!$
- $240 = -8^4 - 7^1 + 6^3 + 5^5 + 4^2 + 3^6 + 2^8 + 1^0 + 0^7$
 $= 876 - 5^4 - 3 + 2 - 10$
- $241 = 8^3 - 7^5 + 6^0 + 5^1 + 4^7 + 3^4 + 2^6 + 1^8 + 0^2$
 $= (8 - 7)^6 - 5! + 4! \times (-3! + 21) \times 0!$
- $242 = 8^3 - 7^5 + 6^1 + 5^0 + 4^7 + 3^4 + 2^6 + 1^8 + 0^2$
 $= 8 + 76 \times 5 + 4^3 - 210$

- $243 = 8^1 - 7^5 + 6^0 + 5^4 + 4^7 + 3^3 + 2^2 + 1^8 + 0^6$
 $= 87 + 6 + 54 \times 3 - 2 - 10.$
- $244 = -8^2 - 7^5 + 6^4 + 5^6 + 4^3 + 3^0 + 2^7 + 1^8 + 0^1$
 $= -8 + 7 \times (65 + 4 - 32 - 1 \times 0!).$
- $245 = -8^1 - 7^5 + 6^4 + 5^6 + 4^0 + 3^2 + 2^7 + 1^8 + 0^3$
 $= (8 - 7 - 6 + 54) \times (3 \times 2 - 1) \times 0!.$
- $246 = 8^2 - 7^5 + 6^4 + 5^6 + 4^3 + 3^0 + 2^1 + 1^8 + 0^7$
 $= 8 - 76 + (5^4 + 3)/2 \times 1 \times 0!.$
- $247 = -8^4 + 7^3 + 6^0 + 5^5 + 4^2 + 3^6 + 2^7 + 1^8 + 0^1$
 $= 8 \times (7 + 6) + 5! + 4! - (321 \times 0!).$
- $248 = -8^4 + 7^0 + 6^3 + 5^5 + 4^2 + 3^6 + 2^8 + 1^7 + 0^1$
 $= -8 + 76 \times 5 - 4 - (-3 - 2 + 10)!.$
- $249 = -8^0 - 7^5 + 6^2 + 5^4 + 4^7 + 3^1 + 2^3 + 1^8 + 0^6$
 $= (-8 + 76 - 5) \times 4 - 3 - 2 + 1 + 0!.$
- $250 = -8^1 - 7^3 + 6^2 + 5^0 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= (-8 + 76 - 5) \times 4 - 3 + 2 - 1 \times 0!.$
- $251 = 8^0 - 7^5 + 6^2 + 5^4 + 4^7 + 3^1 + 2^3 + 1^8 + 0^6$
 $= (-8 + 76 - 5) \times 4 - 3 + 2 + 1 - 0!.$
- $252 = -8^4 + 7^3 + 6^1 + 5^5 + 4^2 + 3^6 + 2^7 + 1^0 + 0^8$
 $= (-8 + 76 - 5) \times 4 + 3 - 2 - 1 \times 0!.$
- $253 = -8^4 + 7^3 + 6^1 + 5^5 + 4^2 + 3^6 + 2^7 + 1^8 + 0^0$
 $= (-8 + 76 - 5) \times 4 + 3 - 2 \times 1 \times 0!.$
- $254 = -8^4 + 7^1 + 6^3 + 5^5 + 4^2 + 3^6 + 2^8 + 1^0 + 0^7$
 $= (-8 + 76 - 5) \times 4 + 3 - 2 + 1 \times 0!.$
- $255 = -8^4 + 7^1 + 6^3 + 5^5 + 4^2 + 3^6 + 2^8 + 1^7 + 0^0$
 $= (-8 + 76 - 5) \times 4 + 3 - 2 + 1 + 0!.$
- $256 = 8^1 - 7^5 + 6^2 + 5^4 + 4^7 + 3^0 + 2^3 + 1^8 + 0^6$
 $= 8 - 7 - 6 + 54 - 3 + 210.$
- $257 = 8^0 - 7^5 + 6^4 + 5^6 + 4^1 + 3^2 + 2^7 + 1^8 + 0^3$
 $= 8 \times 7 + 6 - 5 - 4 - 3! + 210.$
- $258 = -8^2 - 7^5 + 6^1 + 5^0 + 4^7 + 3^6 + 2^3 + 1^8 + 0^4$
 $= -8 - 7 + 6 - 54 + 321 \times 0!.$
- $259 = -8^1 - 7^5 + 6^2 + 5^4 + 4^7 + 3^3 + 2^0 + 1^8 + 0^6$
 $= (8 - 7) \times (-65 + 4) + 321 - 0!.$
- $260 = 8^3 - 7^2 - 6^4 + 5^0 + 4^5 + 3^1 + 2^6 + 1^8 + 0^7$
 $= 8 + 7 \times (65 + 4 - 32 - 1 \times 0!).$
- $261 = 8^3 - 7^5 + 6^0 + 5^2 + 4^7 + 3^4 + 2^6 + 1^8 + 0^1$
 $= (8 - 7) \times 6 \times 54 - 3 \times 21 \times 0!.$
- $262 = -8^4 - 7^0 + 6^3 + 5^1 + 4^6 + 3^2 + 2^5 + 1^8 + 0^7$
 $= 8 + 7 \times 6 - 5 + 4 + 3 + 210.$
- $263 = 8^0 - 7^5 + 6^4 + 5^6 + 4^2 + 3^1 + 2^7 + 1^8 + 0^3$
 $= 8 + 7 + (65 - 4!) \times 3! + 2 + 1 \times 0.$
- $264 = -8^4 + 7^0 + 6^3 + 5^1 + 4^6 + 3^2 + 2^5 + 1^8 + 0^7$
 $= 8 + 7 - 6 \times (5 - 43) + 21 \times 0!.$
- $265 = -8^2 - 7^5 + 6^0 + 5^1 + 4^7 + 3^6 + 2^4 + 1^8 + 0^3$
 $= (87 - 6 + 54 - 3) \times 2 + 1 \times 0!.$
- $266 = -8^4 + 7^1 + 6^3 + 5^0 + 4^6 + 3^2 + 2^5 + 1^8 + 0^7$
 $= 8 + 7 \times (65 + 4 - 32) - 1 \times 0!.$
- $267 = -8^4 + 7^3 + 6^2 + 5^5 + 4^0 + 3^6 + 2^7 + 1^8 + 0^1$
 $= 8 + 7 \times (65 + 4 - 32) + 1 \times 0.$
- $268 = 8^1 - 7^5 + 6^4 + 5^6 + 4^2 + 3^0 + 2^7 + 1^8 + 0^3$
 $= -8 + (-76 + 5^4 + 3)/2 + 1 \times 0.$
- $269 = 8^0 - 7^5 + 6^2 + 5^4 + 4^7 + 3^3 + 2^1 + 1^8 + 0^6$
 $= 8 + 7 + 65 \times 4 - 3 - 2 - 1 \times 0!.$
- $270 = -8^4 + 7^3 + 6^2 + 5^5 + 4^1 + 3^6 + 2^7 + 1^0 + 0^8$
 $= -87 - 65 + 432 - 10.$
- $271 = -8^4 + 7^3 + 6^2 + 5^5 + 4^1 + 3^6 + 2^7 + 1^8 + 0^0$
 $= (-8 - 76 + 5^4 + 3 - 2)/(1 + 0!).$
- $272 = 8^3 - 7^5 + 6^2 + 5^0 + 4^7 + 3^4 + 2^6 + 1^8 + 0^1$
 $= -8 + 7 + 6 - 54 + 321 \times 0!.$
- $273 = -8^0 - 7^5 + 6^4 + 5^6 + 4^1 + 3^3 + 2^7 + 1^8 + 0^2$
 $= (8 - 7) \times (6 - 54 + 321) \times 0!.$

$$\bullet 274 = -8^3 - 7^1 + 6^2 + 5^0 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = 8 - 7 + 6 - 54 + 321 \times 0!.$$

$$\bullet 275 = 8^1 - 7^5 + 6^2 + 5^4 + 4^7 + 3^3 + 2^0 + 1^8 + 0^6 \\ = 8 + 7 + 65 \times 4 - 3 + 2 + 1 \times 0!.$$

$$\bullet 276 = -8^3 + 7^0 + 6^1 + 5^2 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = 8 + 7 + 65 \times 4 + 3 - 2 + 1 \times 0.$$

$$\bullet 277 = -8^3 + 7^1 + 6^0 + 5^2 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = (8 - 76 + 5^4 - 3)/2 \times 1 \times 0!.$$

$$\bullet 278 = -8^4 + 7^0 + 6^3 + 5^2 + 4^6 + 3^1 + 2^5 + 1^8 + 0^7 \\ = 8 \times 7 + 6 \times (5 + 4 \times 3 + 2 \times 10).$$

$$\bullet 279 = 8^5 - 7^6 + 6^3 + 5^7 + 4^4 + 3^8 + 2^0 + 1^2 + 0^1 \\ = 8 \times 76 - 5! + 4 - 3 - 210.$$

$$\bullet 280 = 8^5 - 7^6 + 6^3 + 5^7 + 4^4 + 3^8 + 2^1 + 1^0 + 0^2 \\ = 8 + 7 + (65 + 4!) \times 3 - 2 \times 1 \times 0!.$$

$$\bullet 281 = -8^4 + 7^2 + 6^3 + 5^5 + 4^0 + 3^6 + 2^8 + 1^7 + 0^1 \\ = 8 + (-76 + 5^4 - 3)/2 \times 1 \times 0!.$$

$$\bullet 282 = -8^4 + 7^1 + 6^3 + 5^2 + 4^6 + 3^0 + 2^5 + 1^8 + 0^7 \\ = 8 + 7 + 65 \times 4 + 3 \times 2 - 1 \times 0!.$$

$$\bullet 283 = 8^5 - 7^6 + 6^3 + 5^7 + 4^4 + 3^8 + 2^2 + 1^1 + 0^0 \\ = -8 + 7 + 65 \times 4 + 3 + 21 \times 0!.$$

$$\bullet 284 = -8^4 + 7^2 + 6^3 + 5^5 + 4^1 + 3^6 + 2^8 + 1^0 + 0^7 \\ = (8 + 7 + 65) \times 4 - 3!^2 + 1 \times 0.$$

$$\bullet 285 = -8^4 + 7^2 + 6^3 + 5^5 + 4^1 + 3^6 + 2^8 + 1^7 + 0^0 \\ = (87 - 6 \times 5) \times (4! - 3^2 - 10).$$

$$\bullet 286 = -8^3 + 7^0 + 6^2 + 5^1 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = (-87 + 654 + 3 + 2)/(1 + 0!).$$

$$\bullet 287 = 8^0 - 7^5 + 6^4 + 5^6 + 4^2 + 3^3 + 2^7 + 1^8 + 0^1 \\ = 8 \times (7 + 6) + 5 \times 4! + 3 \times 21 \times 0!.$$

$$\bullet 288 = -8^3 + 7^1 + 6^2 + 5^0 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = 8 + 7 + 6 - 54 + 321 \times 0!.$$

$$\bullet 289 = 8^0 - 7^4 + 6^3 + 5^2 + 4^1 + 3^7 + 2^8 + 1^6 + 0^5 \\ = ((8 + 7 + 65)/4 - 3)^2 + 1 \times 0.$$

$$\bullet 290 = -8^4 + 7^0 - 6^3 + 5^1 + 4^6 + 3^5 + 2^8 + 1^7 + 0^2 \\ = 87 - 6 - (5 - 4)^3 + 210.$$

$$\bullet 291 = 8^2 - 7^3 + 6^0 + 5^1 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = -8 + 7 + 65 \times 4 + 32 - 1 + 0!.$$

$$\bullet 292 = 8^2 - 7^3 + 6^1 + 5^0 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 8 \times 7 \times 6 - 5 - (4 + 3)^2 + 10.$$

$$\bullet 293 = 8^1 - 7^4 + 6^3 + 5^2 + 4^0 + 3^7 + 2^8 + 1^6 + 0^5 \\ = 8 \times 7 \times 6 + 5 - 4! - 3 - 21 \times 0!.$$

$$\bullet 294 = -8^4 + 7^0 + 6^2 + 5^3 + 4^6 + 3^1 + 2^7 + 1^8 + 0^5 \\ = (8 - 76) \times 5 + 4 + 3 \times 210.$$

$$\bullet 295 = 8^1 - 7^5 + 6^4 + 5^6 + 4^2 + 3^3 + 2^7 + 1^8 + 0^0 \\ = (-8 + 76 - 5 - 4) \times (-3 - 2 + 10).$$

$$\bullet 296 = -8^4 + 7^1 + 6^2 + 5^0 + 4^6 + 3^5 + 2^3 + 1^8 + 0^7 \\ = -8 \times 7 + (6 + 5) \times (4 \times 3 + 2 \times 10).$$

$$\bullet 297 = 8^2 - 7^5 + 6^0 + 5^4 + 4^7 + 3^3 + 2^1 + 1^8 + 0^6 \\ = 8 + 7 + 65 + 4! \times 3^2 + 1 \times 0!.$$

$$\bullet 298 = -8^4 + 7^1 + 6^2 + 5^3 + 4^6 + 3^0 + 2^7 + 1^8 + 0^5 \\ = -87 + (6 + 5) \times (43 + 2 - 10).$$

$$\bullet 299 = -8^3 + 7^2 + 6^0 + 5^1 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = (-8 - 7 + 65) \times 4 \times 3/2 - 1 \times 0!.$$

$$\bullet 300 = -8^3 + 7^2 + 6^1 + 5^0 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = (8 + 7) \times ((65 + 4)/3 - 2 - 1 \times 0!).$$

$$\bullet 301 = 8^2 - 7^5 + 6^1 + 5^4 + 4^7 + 3^3 + 2^0 + 1^8 + 0^6 \\ = -8 + (7 + 6) \times (-5 + 4!) + 3 \times 21 - 0!.$$

$$\bullet 302 = -8^4 + 7^2 + 6^3 + 5^0 + 4^6 + 3^1 + 2^5 + 1^8 + 0^7 \\ = -8 + (7 + 6) \times (-5 + 4!) + 3 \times 21 \times 0!.$$

$$\bullet 303 = 8^1 - 7^5 + 6^0 + 5^4 + 4^7 + 3^3 + 2^6 + 1^8 + 0^2 \\ = -8 + (7 + 6) \times (-5 + 4!) + 3 \times 21 + 0!.$$

- $304 = -8^4 + 7^2 + 6^3 + 5^1 + 4^6 + 3^0 + 2^5 + 1^8 + 0^7$
 $= (8 + 7 + 65 + 4! \times 3) \times 2 + 1 \times 0.$
- $305 = -8^0 - 7^5 + 6^2 + 5^4 + 4^7 + 3^1 + 2^6 + 1^8 + 0^3$
 $= (8 + 7) \times (65 - 4)/3 + 2 \times 1 \times 0.$
- $306 = -8^4 + 7^2 + 6^1 - 5^0 + 4^6 + 3^5 + 2^3 + 1^8 + 0^7$
 $= 8 \times (-7 - 6 + 5 + 43 + 2) + 10.$
- $307 = -8^4 + 7^2 + 6^0 + 5^3 + 4^6 + 3^1 + 2^7 + 1^8 + 0^5$
 $= (8 + 76 - 5) \times 4 + 3 - 2 - 10.$
- $308 = -8^4 + 7^2 + 6^1 + 5^0 + 4^6 + 3^5 + 2^3 + 1^8 + 0^7$
 $= (8 + 7 + 65) \times 4 - 3! \times 2 + 1 \times 0.$
- $309 = -8^3 - 7^4 + 6^0 + 5^1 + 4^5 + 3^7 + 2^2 + 1^8 + 0^6$
 $= 8 \times 7 \times 6 + 5 - 4 \times 3 - 2 \times 10.$
- $310 = -8^4 + 7^2 + 6^1 + 5^3 + 4^6 + 3^0 + 2^7 + 1^8 + 0^5$
 $= 87 \times 6 + 5 - 4 - 3 - 210.$
- $311 = 8^2 - 7^5 + 6^4 + 5^6 + 4^0 + 3^1 + 2^7 + 1^8 + 0^3$
 $= (8 + 7 + 65) \times 4 - 3! - 2 - 1 \times 0!.$
- $312 = 8^2 - 7^5 + 6^4 + 5^6 + 4^1 + 3^0 + 2^7 + 1^8 + 0^3$
 $= -8 + 76 + 5! + 4 + (-3 - 2 + 10)!.$
- $313 = 8^2 - 7^3 - 6^4 + 5^1 + 4^5 + 3^6 + 2^7 + 1^8 + 0^0$
 $= (-8 + 76 - 5) \times (4 + 3 - 2) - 1 - 0!.$
- $314 = -8^4 - 7^1 + 6^2 + 5^0 + 4^6 + 3^3 + 2^8 + 1^7 + 0^5$
 $= (-8 + 76 - 5) \times (4 + 3 - 2) - 1 \times 0!.$
- $315 = -8^0 - 7^5 + 6^4 + 5^6 + 4^3 + 3^2 + 2^7 + 1^8 + 0^1$
 $= (-8 - 7 + 6 + 54) \times (3! + 2 - 1) \times 0!.$
- $316 = -8^4 + 7^0 + 6^1 + 5^2 + 4^6 + 3^3 + 2^8 + 1^7 + 0^5$
 $= (-8 + 76 - 5) \times (4 + 3 - 2) + 1 \times 0!.$
- $317 = -8^4 + 7^1 + 6^0 + 5^2 + 4^6 + 3^3 + 2^8 + 1^7 + 0^5$
 $= (-8 + 76 - 5) \times (4 + 3 - 2) + 1 + 0!.$
- $318 = -8^3 - 7^4 + 6^2 + 5^5 + 4^1 + 3^0 + 2^6 + 1^8 + 0^7$
 $= 8 + (7 + 6) \times (-5 + 4!) + 3 \times 21 \times 0!.$
- $319 = 8^1 - 7^3 + 6^0 + 5^2 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -87 \times 6 + 5^4 + 3!(2 + 1) \times 0!.$
- $320 = 8^3 + 7^0 - 6^4 + 5^1 + 4^5 + 3^2 + 2^6 + 1^8 + 0^7$
 $= (-8 + 7 + 6 + 5) \times (4 \times 3 + 2 \times 10).$
- $321 = -8^4 - 7^2 - 6^0 + 5^3 + 4^6 + 3^5 + 2^1 + 1^8 + 0^7$
 $= -8 + (76 + 5) \times 4 - 3 - 2 + 10.$
- $322 = -8^1 - 7^5 + 6^2 + 5^4 + 4^7 + 3^3 + 2^6 + 1^0 + 0^8$
 $= (8 \times (-7 + 6) + 54) \times (3! + 2 - 1) \times 0!.$
- $323 = -8^4 - 7^2 + 6^0 + 5^3 + 4^6 + 3^5 + 2^1 + 1^8 + 0^7$
 $= -(8 - 7) \times 6 + 5 + 4 + 32 \times 10.$
- $324 = 8^1 - 7^5 + 6^4 + 5^6 + 4^3 + 3^2 + 2^7 + 1^0 + 0^8$
 $= -8 - 7 + 6 + 543 - 210.$
- $325 = 8^1 - 7^5 + 6^4 + 5^6 + 4^3 + 3^2 + 2^7 + 1^8 + 0^0$
 $= 8 \times (-76 + 5! - 4) - 3 - 2 + 10.$
- $326 = -8^4 + 7^0 + 6^2 + 5^1 + 4^6 + 3^3 + 2^8 + 1^7 + 0^5$
 $= -8 \times (7 + 6) + 5 \times (4! + 3 \times 21 - 0!).$
- $327 = 8^0 - 7^3 + 6^2 + 5^1 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -87 + 6 + 5^4 - 3!(2 + 1) - 0!.$
- $328 = -8^4 + 7^1 + 6^2 + 5^0 + 4^6 + 3^3 + 2^8 + 1^7 + 0^5$
 $= (8 + 7 + 65) \times 4 + 3! + 2 + 1 \times 0.$
- $329 = 8^2 - 7^4 + 6^3 + 5^1 + 4^0 + 3^7 + 2^8 + 1^6 + 0^5$
 $= 8 \times 7 + 6 - 54 + 321 \times 0!.$
- $330 = 8^1 - 7^3 + 6^2 + 5^0 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -8 \times (7 + 6) + 5 \times (4! + 3 \times 21) - 0!.$
- $331 = 8^0 - 7^5 + 6^2 + 5^4 + 4^7 + 3^3 + 2^6 + 1^8 + 0^1$
 $= 8 + 765 - 432 - 10.$
- $332 = 8^3 - 7^4 - 6^2 + 5^0 + 4^1 + 3^7 + 2^6 + 1^8 + 0^5$
 $= (8 + 7 + 65) \times 4 + 3! \times 2 + 1 \times 0.$
- $333 = -8^1 - 7^5 + 6^0 + 5^2 + 4^7 + 3^6 + 2^3 + 1^8 + 0^4$
 $= 876 - 543 + 21 \times 0.$
- $334 = 8^3 + 7^0 - 6^4 + 5^2 + 4^5 + 3^1 + 2^6 + 1^8 + 0^7$
 $= -8 \times 7 + 65 \times 4!/(3! + 2) \times (1 + 0!).$

- $335 = 8^2 - 7^5 + 6^4 + 5^6 + 4^0 + 3^3 + 2^7 + 1^8 + 0^1$
 $= (8 \times 7 - 6)/5 + 4 + 321 \times 0!$
- $336 = -8^4 + 7^0 - 6^2 + 5^3 + 4^6 + 3^5 + 2^1 + 1^8 + 0^7$
 $= (8 + 76) \times 5 \times 4/(-3 - 2 + 10)$.
- $337 = -8^4 - 7^2 + 6^0 + 5^3 + 4^6 + 3^1 + 2^8 + 1^7 + 0^5$
 $= -8 - 7 + (6 + 5) \times (4 \times 3 + 2 \times 10)$.
- $338 = 8^2 - 7^5 + 6^4 + 5^6 + 4^1 + 3^3 + 2^7 + 1^0 + 0^8$
 $= (87 - 6) \times 5 - 4 - 3 \times 21 \times 0!$.
- $339 = -8^4 + 7^2 + 6^0 + 5^1 + 4^6 + 3^3 + 2^8 + 1^7 + 0^5$
 $= -8 + 7 \times 65 - 4 \times (3! + 21) \times 0!$.
- $340 = -8^4 + 7^2 + 6^1 + 5^0 + 4^6 + 3^3 + 2^8 + 1^7 + 0^5$
 $= 8 + 765 - 432 - 1 \times 0!$.
- $341 = -8^3 - 7^4 + 6^2 + 5^1 + 4^5 + 3^7 + 2^0 + 1^8 + 0^6$
 $= -8 + (76 + 5^4 - 3)/2 \times 1 \times 0!$.
- $342 = -8^4 + 7^0 - 6^2 + 5^1 + 4^6 + 3^5 + 2^7 + 1^8 + 0^3$
 $= (8 + 7) \times (65 + 4)/3 - 2 - 1 \times 0!$.
- $343 = 8^0 + 7^3 - 6^4 + 5^1 + 4^5 + 3^2 + 2^8 + 1^7 + 0^6$
 $= 8 \times (-76 + 5!) + (-4! + 3 \times 2)/(1 + 0!)$.
- $344 = -8^1 - 7^5 + 6^2 + 5^0 + 4^7 + 3^6 + 2^3 + 1^8 + 0^4$
 $= 8 \times (7 + 65 + 4 - 32 - 1 \times 0!)$.
- $345 = -8^0 - 7^5 + 6^1 + 5^2 + 4^7 + 3^6 + 2^3 + 1^8 + 0^4$
 $= (-8 + 76 + 5 - 4) \times (-3 - 2 + 10)$.
- $346 = 8^1 + 7^3 - 6^4 + 5^0 + 4^5 + 3^2 + 2^8 + 1^7 + 0^6$
 $= (8 + 7) \times (65 + 4)/3 + 2 - 1 \times 0!$.
- $347 = 8^0 - 7^5 + 6^1 + 5^2 + 4^7 + 3^6 + 2^3 + 1^8 + 0^4$
 $= (8 + 7) \times (65 + 4)/3 + 2 + 1 \times 0$.
- $348 = -8^4 - 7^1 + 6^3 + 5^0 + 4^6 + 3^2 + 2^7 + 1^8 + 0^5$
 $= 8 \times 7 \times 6 + 54 - 32 - 10$.
- $349 = 8^1 - 7^5 + 6^0 + 5^2 + 4^7 + 3^6 + 2^3 + 1^8 + 0^4$
 $= (-8 + 76) \times 5 + 4 - 3 - 2 + 10$.
- $350 = -8^4 + 7^0 - 6^2 + 5^3 + 4^6 + 3^1 + 2^8 + 1^7 + 0^5$
 $= 8 + 76 - 54 + 32 \times 10$.
- $351 = 8^3 - 7^4 - 6^1 + 5^2 + 4^0 + 3^7 + 2^5 + 1^8 + 0^6$
 $= 8 + 765 - 432 + 10$.
- $352 = -8^1 - 7^5 + 6^2 + 5^0 + 4^7 + 3^6 + 2^4 + 1^8 + 0^3$
 $= (8 + 76 + 5^4 - 3 - 2)/(1 + 0!)$.
- $353 = 8^3 - 7^4 + 6^0 + 5^1 + 4^2 + 3^7 + 2^5 + 1^8 + 0^6$
 $= 8 - 7 + (6 + 5) \times (4 \times 3 + 2 \times 10)$.
- $354 = 8^3 - 7^4 + 6^1 + 5^0 + 4^2 + 3^7 + 2^5 + 1^8 + 0^6$
 $= (8 + 76 + 5^4 - 3 + 2)/(1 + 0!)$.
- $355 = 8^2 - 7^3 + 6^0 + 5^1 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (8 + 76 + 5^4 - 3)/2 + 1 + 0!$.
- $356 = 8^2 - 7^3 + 6^1 + 5^0 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (8 + 7 + 65) \times 4 + 3!^2 + 1 \times 0$.
- $357 = 8^1 - 7^5 + 6^0 + 5^2 + 4^7 + 3^6 + 2^4 + 1^8 + 0^3$
 $= (-8 + 765 - 43)/2 - 1 + 0!$.
- $358 = -8^4 - 7^0 + 6^3 + 5^1 + 4^6 + 3^2 + 2^7 + 1^8 + 0^5$
 $= 8 \times (7 \times 6 - 5 + 4 + 3 + 2) - 10$.
- $359 = 8^2 - 7^5 + 6^0 + 5^4 + 4^7 + 3^3 + 2^6 + 1^8 + 0^1$
 $= (87 + 6 + 5^4)/(3!/(2 + 1)) \times 0!$.
- $360 = -8^4 + 7^0 + 6^3 + 5^1 + 4^6 + 3^2 + 2^7 + 1^8 + 0^5$
 $= (-8 + 76) \times 5 + 4 \times (-3 - 2 + 10)$.
- $361 = 8^3 - 7^5 + 6^0 + 5^1 + 4^7 + 3^2 + 2^8 + 1^6 + 0^4$
 $= 87 + 65 - 4 + 3 + 210$.
- $362 = -8^4 + 7^1 + 6^3 + 5^0 + 4^6 + 3^2 + 2^7 + 1^8 + 0^5$
 $= 87 \times 6 + 5! + (4 - 32) \times 10$.
- $363 = -8^4 + 7^3 + 6^0 + 5^5 + 4^1 + 3^6 + 2^8 + 1^7 + 0^2$
 $= 8 \times 7 \times 6 - 5 + 4 \times 3 + 2 \times 10$.
- $364 = 8^2 - 7^5 + 6^1 + 5^4 + 4^7 + 3^3 + 2^6 + 1^0 + 0^8$
 $= 8 \times 76 - 5! - 4 - (-3 - 2 + 10)!$.
- $365 = -8^4 + 7^3 + 6^1 + 5^5 + 4^0 + 3^6 + 2^8 + 1^7 + 0^2$
 $= (8 + 7 + 6! - 5)/(4 - 3 + 2 - 1) \times 0!$.

- $366 = -8^1 + 7^0 - 6^3 + 5^2 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= (8 \times (-7 + 6) + 54) \times (3! + 2) - 1 - 0!$
- $367 = -8^4 - 7^1 + 6^0 + 5^3 + 4^6 + 3^5 + 2^2 + 1^8 + 0^7$
 $= (8 \times (-7 + 6) + 54) \times (3! + 2) \times 1 - 0!$
- $368 = 8^1 - 7^5 + 6^2 + 5^0 + 4^7 + 3^6 + 2^4 + 1^8 + 0^3$
 $= 8 \times (7 + 6 + 5 + 4 + 3 + 21) \times 0!$
- $369 = -8^3 - 7^4 + 6^0 + 5^1 + 4^5 + 3^7 + 2^6 + 1^8 + 0^2$
 $= 8 \times (7 + 6 + 5 + 4 + 3 + 21) + 0!$
- $370 = -8^3 - 7^5 + 6^4 + 5^0 + 4^7 + 3^1 + 2^2 + 1^8 + 0^6$
 $= -8 + 7 - 6 + 54 \times (3! + 2 - 1) - 0!$
- $371 = -8^2 - 7^5 + 6^0 + 5^3 + 4^7 + 3^6 + 2^1 + 1^8 + 0^4$
 $= -8 + 76 \times 5 + 4 + 3 + 2 - 10.$
- $372 = 8^3 - 7^4 + 6^2 + 5^0 + 4^1 + 3^7 + 2^5 + 1^8 + 0^6$
 $= (-8 + 76 \times 5) \times (-4 - 3 - 2 + 10).$
- $373 = 8^3 - 7^4 + 6^2 + 5^1 + 4^0 + 3^7 + 2^5 + 1^8 + 0^6$
 $= -8 + 76 \times 5 - 4 - 3 - 2 + 10.$
- $374 = -8^4 + 7^0 + 6^3 + 5^2 + 4^6 + 3^1 + 2^7 + 1^8 + 0^5$
 $= (8 + 7) \times ((65 + 4)/3 + 2) - 1 \times 0!$
- $375 = -8^4 + 7^3 + 6^0 + 5^5 + 4^2 + 3^6 + 2^8 + 1^7 + 0^1$
 $= (8 + 7) \times ((65 + 4)/3 + 2) + 1 \times 0.$
- $376 = -8^1 + 7^0 + 6^4 - 5^5 + 4^2 + 3^7 + 2^3 + 1^8 + 0^6$
 $= -8 \times (76 + 5) + 4! - 3 - 2 + 10).$
- $377 = -8^3 - 7^5 + 6^4 + 5^1 + 4^7 + 3^2 + 2^0 + 1^8 + 0^6$
 $= (-8 + 7 - 6 + 54) \times (3! + 2) + 1 \times 0!$
- $378 = -8^4 + 7^1 + 6^3 + 5^2 + 4^6 + 3^0 + 2^7 + 1^8 + 0^5$
 $= (8 + 7 - 6 + 54) \times (3! + 2 - 1 - 0!).$
- $379 = -8^3 - 7^2 + 6^1 + 5^4 + 4^0 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 + 7 \times 65 - 4^3 - 2 \times 10.$
- $380 = -8^4 + 7^3 + 6^1 + 5^5 + 4^2 + 3^6 + 2^8 + 1^0 + 0^7$
 $= (8 + 7 + 65 - 4) \times (3 + 2) + 1 \times 0.$
- $381 = -8^4 + 7^3 + 6^1 + 5^5 + 4^2 + 3^6 + 2^8 + 1^7 + 0^0$
 $= (8 + (7 + 6 + 5) \times 43)/2 - 10.$
- $382 = -8^3 - 7^4 + 6^2 + 5^5 + 4^1 + 3^0 + 2^7 + 1^8 + 0^6$
 $= (8 + 7) \times (6 + 5) + 4 + 3 + 210.$
- $383 = -8^0 - 7^5 + 6^4 + 5^6 + 4^1 + 3^2 + 2^8 + 1^7 + 0^3$
 $= -8 + 76 + (5^4 + 3 + 2)/(1 + 0!).$
- $384 = 8^3 + 7^0 - 6^4 + 5^1 + 4^5 + 3^2 + 2^7 + 1^8 + 0^6$
 $= 8 + 76 \times 5 - 4 - 3 + 2 + 1 \times 0!$
- $385 = 8^3 - 7^4 + 6^0 + 5^1 + 4^2 + 3^7 + 2^6 + 1^8 + 0^5$
 $= 8 \times (7 - 6) + 54 \times (3! + 2 - 1) - 0!$
- $386 = 8^3 - 7^5 + 6^2 + 5^0 + 4^7 + 3^1 + 2^8 + 1^6 + 0^4$
 $= 8 - 7 + 6 + 54 \times (3! + 2 - 1) + 0!$
- $387 = -8^3 - 7^5 - 6^2 + 5^4 + 4^7 + 3^6 + 2^1 + 1^8 + 0^0$
 $= -8 + 7 \times 6 \times (5 + 4) - 3 + 2 \times 10.$
- $388 = 8^3 - 7^5 + 6^2 + 5^1 + 4^7 + 3^0 + 2^8 + 1^6 + 0^4$
 $= 8 \times (76 - 5) + 4! + 3! - 210.$
- $389 = 8^1 - 7^5 + 6^4 + 5^6 + 4^0 + 3^2 + 2^8 + 1^7 + 0^3$
 $= 8 - 7 \times (6 - 5 \times 4 \times 3) + 2 + 1 \times 0!$
- $390 = -8^3 - 7^5 + 6^4 + 5^2 + 4^7 + 3^0 + 2^1 + 1^8 + 0^6$
 $= 876 + 54 \times (3 - 2 - 10).$
- $391 = -8^4 + 7^3 + 6^0 + 5^1 + 4^6 + 3^2 + 2^5 + 1^8 + 0^7$
 $= 87 + 6 \times (54 - 3 - 2) + 10.$
- $392 = -8^4 + 7^3 + 6^1 + 5^0 + 4^6 + 3^2 + 2^5 + 1^8 + 0^7$
 $= 8 - 7 \times 6 - 5 + 432 \times 1 - 0!$
- $393 = 8^3 - 7^4 + 6^0 + 5^2 + 4^1 + 3^7 + 2^6 + 1^8 + 0^5$
 $= 8 + (76 + 5 - 4) \times (-3 - 2 + 10).$
- $394 = 8^2 - 7^5 + 6^1 + 5^0 + 4^7 + 3^6 + 2^4 + 1^8 + 0^3$
 $= (87 - 6) \times 5 - 4 - 3 \times 2 - 1 \times 0!$
- $395 = -8^4 + 7^3 + 6^2 + 5^5 + 4^0 + 3^6 + 2^8 + 1^7 + 0^1$
 $= (-8 + 76) \times 5 + 43 + 2 + 10.$
- $396 = 8^1 - 7^5 + 6^4 + 5^6 + 4^2 + 3^0 + 2^8 + 1^7 + 0^3$
 $= (8 + 7 + (65 - 4) \times 3) \times 2 + 1 \times 0.$

$$\bullet 397 = -8^4 + 7^1 - 6^0 + 5^3 + 4^6 + 3^2 + 2^8 + 1^7 + 0^5 \\ = 8 + 7 + 65 - 4 + 321 \times 0!.$$

$$\bullet 398 = -8^4 + 7^3 + 6^2 + 5^5 + 4^1 + 3^6 + 2^8 + 1^0 + 0^7 \\ = 8 \times (7 + 6 + 5 + 4!) + 3 \times 21 - 0!.$$

$$\bullet 399 = -8^4 + 7^3 + 6^2 + 5^5 + 4^1 + 3^6 + 2^8 + 1^7 + 0^0 \\ = -8 - 7 + (65 + 4) \times 3 \times 2 - 1 \times 0.$$

$$\bullet 400 = -8^4 + 7^2 + 6^3 + 5^1 + 4^6 + 3^0 + 2^7 + 1^8 + 0^5 \\ = (8 + 7 + 65) \times (4 + 3!)/2 \times 1 \times 0!.$$

$$\bullet 401 = -8^0 - 7^5 + 6^4 + 5^6 + 4^1 + 3^3 + 2^8 + 1^7 + 0^2 \\ = -8 - 76 + 5 + 4 \times (-3 - 2 + 10)!.$$

$$\bullet 402 = -8^4 - 7^1 + 6^2 + 5^0 + 4^6 + 3^5 + 2^7 + 1^8 + 0^3 \\ = 87 - 6 + 5 - 4 + 32 \times 10.$$

$$\bullet 403 = 8^0 - 7^5 + 6^4 + 5^6 + 4^1 + 3^3 + 2^8 + 1^7 + 0^2 \\ = (-87 - 6 + 5! + 4) \times (3!/2 + 10).$$

$$\bullet 404 = -8^4 + 7^0 + 6^1 + 5^2 + 4^6 + 3^5 + 2^7 + 1^8 + 0^3 \\ = (8 + 7) \times 6 \times 5 - (43 + 2 + 1) \times 0!.$$

$$\bullet 405 = -8^4 + 7^3 + 6^0 + 5^2 + 4^6 + 3^1 + 2^5 + 1^8 + 0^7 \\ = (-8 - 7 + 6 + 54) \times (3! + 2 + 1) \times 0!.$$

$$\bullet 406 = -8^4 - 7^0 + 6^2 + 5^3 + 4^6 + 3^5 + 2^1 + 1^8 + 0^7 \\ = -87 - 6 + 5^4 - 3! - ((2 + 1)! - 0)!.$$

$$\bullet 407 = 8^1 - 7^5 + 6^4 + 5^6 + 4^0 + 3^3 + 2^8 + 1^7 + 0^2 \\ = 87 + 6 + (5^4 + 3)/(2 + 1 - 0!).$$

$$\bullet 408 = -8^4 + 7^3 + 6^1 + 5^2 + 4^6 + 3^0 + 2^5 + 1^8 + 0^7 \\ = 8 \times 7 + (6 + 5) \times (4 \times 3 + 2 \times 10).$$

$$\bullet 409 = -8^1 + 7^2 + 6^4 - 5^5 + 4^0 + 3^7 + 2^3 + 1^8 + 0^6 \\ = -87 - 6 + 5^4 - 3 - ((2 + 1)! - 0)!.$$

$$\bullet 410 = -8^2 + 7^1 - 6^4 + 5^0 + 4^5 + 3^6 + 2^3 + 1^8 + 0^7 \\ = (-8 + 7 + 6)/5 \times (43 - 2) \times 10.$$

$$\bullet 411 = -8^0 - 7^5 - 6^2 + 5^3 + 4^7 + 3^6 + 2^4 + 1^8 + 0^1 \\ = -8 \times 76 - 5 + 4^4(-3 - 2 + 10).$$

$$\bullet 412 = -8^4 - 7^1 + 6^2 + 5^3 + 4^6 + 3^0 + 2^8 + 1^7 + 0^5 \\ = 8 - 76 + 5 \times 4 \times (3 + 21) \times 0!.$$

$$\bullet 413 = -8^4 + 7^1 + 6^2 + 5^3 + 4^6 + 3^5 + 2^0 + 1^8 + 0^7 \\ = (8 + 7 - 6) \times (54 - 3! - 2) - 1 \times 0!.$$

$$\bullet 414 = -8^4 + 7^0 + 6^2 + 5^1 + 4^6 + 3^5 + 2^7 + 1^8 + 0^3 \\ = (8 + 7 - 6) \times (54 - 3! - 2) \times 1 \times 0!.$$

$$\bullet 415 = 8^0 - 7^5 + 6^4 + 5^6 + 4^2 + 3^3 + 2^8 + 1^7 + 0^1 \\ = (8 + 7 - 6) \times (54 - 3! - 2) + 1 \times 0!.$$

$$\bullet 416 = -8^4 + 7^3 + 6^2 + 5^0 + 4^6 + 3^1 + 2^5 + 1^8 + 0^7 \\ = -8 + (-7 + 6 + 54) \times (3! + 2) \times 1 \times 0!.$$

$$\bullet 417 = -8^4 - 7^2 + 6^3 + 5^1 + 4^6 + 3^5 + 2^0 + 1^8 + 0^7 \\ = -8 + (76 + 5 + 4) \times (-3 - 2 + 10).$$

$$\bullet 418 = -8^4 + 7^3 + 6^2 + 5^1 + 4^6 + 3^0 + 2^5 + 1^8 + 0^7 \\ = 87 \times 6 + 5^4 - 3(2 + 1)! \times 0!.$$

$$\bullet 419 = -8^4 + 7^2 - 6^0 + 5^3 + 4^6 + 3^5 + 2^1 + 1^8 + 0^7 \\ = (8 + 76) \times 5 + 4 + 3 + 2 - 10.$$

$$\bullet 420 = -8^4 - 7^0 + 6^2 + 5^3 + 4^6 + 3^1 + 2^8 + 1^7 + 0^5 \\ = (8 + 76) \times 5 \times (-4 - 3 - 2 + 10).$$

$$\bullet 421 = -8^4 + 7^2 + 6^0 + 5^3 + 4^6 + 3^5 + 2^1 + 1^8 + 0^7 \\ = -8 \times 76 + 5 + 4^4(-3 - 2 + 10).$$

$$\bullet 422 = -8^4 + 7^0 + 6^2 + 5^3 + 4^6 + 3^1 + 2^8 + 1^7 + 0^5 \\ = -8 - 76 + 5^4 - (3 + 2)! + 1 \times 0!.$$

$$\bullet 423 = 8^1 - 7^5 + 6^4 + 5^6 + 4^2 + 3^3 + 2^8 + 1^7 + 0^0 \\ = 8 \times (7 - 6) \times 54 - (3! + 2 + 1) \times 0!.$$

$$\bullet 424 = 8^3 + 7^2 - 6^4 + 5^1 + 4^5 + 3^0 + 2^7 + 1^8 + 0^6 \\ = -8 - 7 + 6 + 54 \times (3! + 2) + 1 \times 0!.$$

$$\bullet 425 = -8^4 + 7^2 + 6^1 + 5^3 + 4^6 + 3^5 + 2^0 + 1^8 + 0^7 \\ = 87 + 6! - 5^4 + 3(2 + 1)! - 0!.$$

$$\bullet 426 = -8^4 + 7^1 + 6^2 + 5^3 + 4^6 + 3^0 + 2^8 + 1^7 + 0^5 \\ = -8 + 7 - 6 + 54 \times (3! + 2) + 1 \times 0!.$$

- $427 = -8^4 + 7^2 + 6^0 + 5^1 + 4^6 + 3^5 + 2^7 + 1^8 + 0^3$
 $= (8 - 7 + 6 + 54) \times (3! + 2 - 1) \times 0!$
- $428 = -8^4 + 7^2 + 6^1 + 5^0 + 4^6 + 3^5 + 2^7 + 1^8 + 0^3$
 $= (8 - 7) \times 654/3 + 210.$
- $429 = -8^2 - 7^5 + 6^1 + 5^4 + 4^7 + 3^3 + 2^8 + 1^6 + 0^0$
 $= (8 - 7) + 654/3 + 210.$
- $430 = -8^4 - 7^2 + 6^3 + 5^1 + 4^6 + 3^0 + 2^8 + 1^7 + 0^5$
 $= 8 \times 7 + 6 \times (5 + 4) + 32 \times 10.$
- $431 = 8^0 - 7^5 + 6^3 + 5^4 + 4^7 + 3^2 + 2^1 + 1^8 + 0^6$
 $= (8 - 7) \times (-6 - 5 + 432 + 10).$
- $432 = 8^1 - 7^5 + 6^3 + 5^4 + 4^7 + 3^0 + 2^2 + 1^8 + 0^6$
 $= (-8 - 7 + 65 + 4) \times (3! + 2 \times 1 \times 0!).$
- $433 = 8^3 - 7^5 + 6^0 + 5^1 + 4^7 + 3^4 + 2^8 + 1^6 + 0^2$
 $= 87 \times 6 + 5^4 + 3! - (2 + 1)!! \times 0!$
- $434 = 8^3 - 7^5 + 6^1 + 5^0 + 4^7 + 3^4 + 2^8 + 1^6 + 0^2$
 $= 8 \times (7 + 6) \times 5 - 4! - 3 \times 21 + 0!$
- $435 = -8^4 + 7^2 + 6^0 + 5^3 + 4^6 + 3^1 + 2^8 + 1^7 + 0^5$
 $= (8 + 7) \times (65 - 4 \times 3^2) + 1 \times 0.$
- $436 = -8^3 - 7^5 + 6^4 + 5^0 + 4^7 + 3^2 + 2^6 + 1^8 + 0^1$
 $= (-87 \times 6 + 5^4 + 3!) \times (2 + 1 + 0!).$
- $437 = 8^1 - 7^5 + 6^3 + 5^4 + 4^7 + 3^2 + 2^0 + 1^8 + 0^6$
 $= 87 \times 6 - 5 - 4! \times 3 + 2 + 10.$
- $438 = -8^4 + 7^2 + 6^1 + 5^3 + 4^6 + 3^0 + 2^8 + 1^7 + 0^5$
 $= -8 - 7 + 65 \times (4 + 3) - 2 \times 1 \times 0!$
- $439 = 8^2 - 7^5 + 6^4 + 5^6 + 4^0 + 3^1 + 2^8 + 1^7 + 0^3$
 $= -8 - 7 + 65 \times (4 + 3) - 2 + 1 \times 0!$
- $440 = 8^2 - 7^5 + 6^4 + 5^6 + 4^1 + 3^0 + 2^8 + 1^7 + 0^3$
 $= 8 - 7 + 6 + 54 \times (3! + 2) + 1 \times 0!$
- $441 = -8^3 - 7^5 + 6^4 + 5^1 + 4^7 + 3^2 + 2^6 + 1^8 + 0^0$
 $= (8 + 7 - 6 + 54) \times (3! + 2 - 1) \times 0!$
- $442 = -8^3 - 7^0 + 6^1 + 5^4 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7$
 $= (8 + 7 - 6 + 54) \times (3! + 2 - 1) + 0!$
- $443 = 8^0 - 7^5 + 6^1 + 5^3 + 4^7 + 3^6 + 2^2 + 1^8 + 0^4$
 $= 8 + 7 - 6 + 54 \times (3! + 2) + 1 + 0!$
- $444 = -8^3 + 7^0 + 6^1 + 5^4 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 + 7 + 65 + 4 + 3!!/2 + 1 \times 0.$
- $445 = -8^3 + 7^1 + 6^0 + 5^4 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7$
 $= (8 + 7) \times (65 + 4!)/(3! - 2 - 1 \times 0!).$
- $446 = 8^1 + 7^0 - 6^3 + 5^2 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 \times (7 - 6 + 54) + 3! - 2 + 1 + 0!$
- $447 = 8^1 - 7^3 + 6^0 + 5^2 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 \times (7 - 6 + 54) + 3! + 2 - 1 \times 0!$
- $448 = 8^1 + 7^0 + 6^4 - 5^5 + 4^2 + 3^7 + 2^6 + 1^8 + 0^3$
 $= (8 + 7 - 6 + 5) \times (4 \times 3 + 2 \times 10).$
- $449 = -8^4 - 7^2 + 6^0 + 5^3 + 4^6 + 3^5 + 2^7 + 1^8 + 0^1$
 $= 8 \times (7 - 6 + 54) + 3! + 2 + 1 \times 0!$
- $450 = -8^4 - 7^0 + 6^3 - 5^2 + 4^6 + 3^1 + 2^8 + 1^7 + 0^5$
 $= -87 + 6 + 543 - 2 - 10.$
- $451 = -8^3 - 7^1 + 6^2 + 5^4 + 4^0 + 3^5 + 2^6 + 1^8 + 0^7$
 $= -87 - 6 + 543 + 2 - 1 \times 0!$
- $452 = 8^1 - 7^5 + 6^4 + 5^6 + 4^3 + 3^2 + 2^8 + 1^0 + 0^7$
 $= 8 \times (76 - 5) + 4 - (-3 - 2 + 10)!$
- $453 = 8^3 - 7^5 + 6^0 + 5^2 + 4^7 + 3^4 + 2^8 + 1^6 + 0^1$
 $= 8 - 7 - 6 + 5! \times 4 - 32 + 10.$
- $454 = -8^5 - 7^3 + 6^4 + 5^6 + 4^7 + 3^1 + 2^8 + 1^0 + 0^2$
 $= -87 + 6 + 543 + 2 - 10.$
- $455 = 8^0 - 7^5 + 6^1 + 5^3 + 4^7 + 3^6 + 2^4 + 1^8 + 0^2$
 $= 8 + 7 + 6 + 5 \times (4! + 3 \times 21) - 0!$
- $456 = 8^4 + 7^1 - 6^5 + 5^0 + 4^6 + 3^3 + 2^2 + 1^8 + 0^7$
 $= 8 + 76 + 54 \times 3 + 210.$
- $457 = 8^1 - 7^5 + 6^0 + 5^3 + 4^7 + 3^6 + 2^4 + 1^8 + 0^2$
 $= 87 \times 6 - 5 - 4! \times 3 + 2 + 10.$

- $458 = 8^3 - 7^5 + 6^1 + 5^2 + 4^7 + 3^4 + 2^8 + 1^0 + 0^6$
 $= 8 + 76 + 54 + 32 \times 10.$
- $459 = 8^3 - 7^5 + 6^1 + 5^2 + 4^7 + 3^4 + 2^8 + 1^6 + 0^0$
 $= 876 + 5 - 432 + 10.$
- $460 = -8^5 - 7^3 + 6^4 + 5^6 + 4^7 + 3^2 + 2^8 + 1^0 + 0^1$
 $= (8 \times (-7 + 6) + 54) \times (3! + 2 + 1 + 0!).$
- $461 = -8^5 - 7^3 + 6^4 + 5^6 + 4^7 + 3^2 + 2^8 + 1^1 + 0^0$
 $= 876 - 5 - (43 - 2) \times 10.$
- $462 = -8^3 + 7^0 + 6^2 + 5^4 + 4^1 + 3^5 + 2^6 + 1^8 + 0^7$
 $= (8 + 7) \times 6 + 54 \times 3 + 210.$
- $463 = 8^2 - 7^5 + 6^4 + 5^6 + 4^0 + 3^3 + 2^8 + 1^7 + 0^1$
 $= 87 \times 6 + 5 - 43 - 21 \times 0!.$
- $464 = 8^3 - 7^5 + 6^2 + 5^0 + 4^7 + 3^4 + 2^8 + 1^6 + 0^1$
 $= (8 + 7 + 6 - 5) \times (4 + 3 + 21 + 0!).$
- $465 = -8^3 + 7^1 + 6^2 + 5^4 + 4^0 + 3^5 + 2^6 + 1^8 + 0^7$
 $= (8 + 7) \times (-6 + 5 + 4 \times 3 + 2 \times 10).$
- $466 = 8^2 - 7^5 + 6^4 + 5^6 + 4^1 + 3^3 + 2^8 + 1^0 + 0^7$
 $= 87 + 6 + 5! + 43 + 210.$
- $467 = 8^2 - 7^5 + 6^4 + 5^6 + 4^1 + 3^3 + 2^8 + 1^7 + 0^0$
 $= 8 + 7 + 65 \times (4 + 3) - 2 - 1 \times 0!.$
- $468 = 8^3 - 7^5 + 6^2 + 5^1 + 4^7 + 3^4 + 2^8 + 1^0 + 0^6$
 $= 87 \times (6 - 5 + 4) + 32 + 1 \times 0!.$
- $469 = 8^3 - 7^5 + 6^2 + 5^1 + 4^7 + 3^4 + 2^8 + 1^6 + 0^0$
 $= 8 + 7 + 65 \times (4 + 3) - 2 + 1 \times 0!.$
- $470 = -8^4 + 7^0 + 6^3 + 5^1 + 4^6 + 3^5 + 2^2 + 1^8 + 0^7$
 $= 8 + 7 + 65 \times (4 + 3) - 2 + 1 + 0!.$
- $471 = 8^0 - 7^5 + 6^2 + 5^3 + 4^7 + 3^6 + 2^1 + 1^8 + 0^4$
 $= 8 + 7 + 65 \times (4 + 3) + 2 - 1 \times 0!.$
- $472 = -8^4 + 7^1 + 6^3 + 5^0 + 4^6 + 3^5 + 2^2 + 1^8 + 0^7$
 $= 8 + 7 + 65 \times (4 + 3) + 2 \times 1 \times 0!.$
- $473 = -8^0 - 7^5 + 6^1 + 5^4 + 4^7 + 3^2 + 2^8 + 1^6 + 0^3$
 $= 8 + 7 + 65 \times (4 + 3) + 2 + 1 \times 0!.$
- $474 = -8^3 + 7^0 - 6^4 + 5^2 + 4^1 + 3^7 + 2^6 + 1^8 + 0^5$
 $= 87 + 6! - 543 + 210.$
- $475 = -8^3 + 7^2 + 6^0 + 5^4 + 4^1 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 + 7 - 65 \times 4 + (3 \times 2!) + 1 \times 0.$
- $476 = -8^4 - 7^1 + 6^3 + 5^0 + 4^6 + 3^2 + 2^8 + 1^7 + 0^5$
 $= 8 - 76 + 5^4 - 3(2 \times (1 + 0!)).$
- $477 = -8^3 + 7^2 + 6^1 + 5^4 + 4^0 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 + 7 - 65 \times 4 + 3!! + 2 + 1 \times 0.$
- $478 = 8^4 + 7^2 - 6^5 + 5^0 + 4^6 + 3^1 + 2^3 + 1^8 + 0^7$
 $= -8 + 7 \times 65 + 4 + 3! + 21 \times 0!.$
- $479 = -8^4 - 7^1 + 6^3 + 5^2 + 4^6 + 3^5 + 2^0 + 1^8 + 0^7$
 $= (-8 + 7 + 6) \times (5! - 4!) - (321 \times 0!).$
- $480 = -8^2 - 7^5 + 6^3 + 5^1 + 4^7 + 3^6 + 2^4 + 1^0 + 0^8$
 $= 8 \times (76 - 5 + 4) - (-3 - 2 + 10)!.$
- $481 = -8^2 - 7^5 + 6^3 + 5^1 + 4^7 + 3^6 + 2^4 + 1^8 + 0^0$
 $= 8 \times 7 - 6 + 5 \times 43 \times 2 \times 1 + 0!.$
- $482 = 8^2 + 7^0 - 6^3 + 5^1 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 \times (7 + 6) \times 5 + 4! - 3 \times 21 + 0!.$
- $483 = 8^2 - 7^3 + 6^0 + 5^1 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 \times 76 - 5 + 4! \times (3 + 2 - 10).$
- $484 = 8^2 - 7^3 + 6^1 + 5^0 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= (-8 \times 76 + 5^4 + 3 + 2)(1 + 0!).$
- $485 = 8^0 - 7^5 + 6^2 + 5^3 + 4^7 + 3^6 + 2^4 + 1^8 + 0^1$
 $= 8 + (-7 + 6 + 54) \times (3! + 2 + 1) \times 0!.$
- $486 = 8^2 - 7^5 + 6^3 + 5^4 + 4^7 + 3^0 + 2^1 + 1^8 + 0^6$
 $= 87 \times 6 - 5 - 43 + 2 + 10.$
- $487 = -8^4 + 7^3 + 6^0 + 5^1 + 4^6 + 3^2 + 2^7 + 1^8 + 0^5$
 $= 8 \times 7 + 6 - 5 + 432 - 1 - 0!.$
- $488 = -8^4 + 7^3 + 6^1 + 5^0 + 4^6 + 3^2 + 2^7 + 1^8 + 0^5$
 $= (8 - 7 + 6 + 54) \times (3! + 2) \times 1 \times 0!.$

- $489 = -8^3 - 7^4 + 6^0 + 5^5 + 4^2 + 3^1 + 2^8 + 1^7 + 0^6$
 $= (87 - 6 + 5^4 \times 3)/(2 + 1 + 0!).$
- $490 = -8^4 + 7^1 + 6^3 + 5^0 + 4^6 + 3^2 + 2^8 + 1^7 + 0^5$
 $= 8 \times 76 - 5! + 4 - 3! \times 2 + 10.$
- $491 = -8^4 - 7^1 + 6^0 + 5^3 + 4^6 + 3^5 + 2^7 + 1^8 + 0^2$
 $= ((8 + 7) \times 65 + 4 + 3)/2 + 1 \times 0.$
- $492 = 8^1 - 7^5 + 6^3 + 5^4 + 4^7 + 3^0 + 2^6 + 1^8 + 0^2$
 $= -8 - 76 - 54 + 3 \times 210.$
- $493 = -8^4 + 7^1 + 6^3 + 5^2 + 4^6 + 3^5 + 2^0 + 1^8 + 0^7$
 $= 8 - 7 + 6 + 54 \times (3! + 2 + 1) \times 0!.$
- $494 = 8^3 - 7^5 - 6^4 + 5^6 + 4^2 + 3^7 + 2^8 + 1^0 + 0^1$
 $= -(8 - 7) \times 6 + (5 + 43 + 2) \times 10.$
- $495 = 8^1 - 7^5 + 6^0 + 5^4 + 4^7 + 3^3 + 2^8 + 1^6 + 0^2$
 $= 87 \times 6 - 54/(3 - 2 + 1) \times 0!.$
- $496 = 8^4 + 7^2 - 6^5 + 5^0 + 4^6 + 3^3 + 2^1 + 1^8 + 0^7$
 $= (8 \times (7 - 6) + 54) \times (3! + 2 + 1 - 0!).$
- $497 = -8^0 - 7^5 + 6^2 + 5^4 + 4^7 + 3^1 + 2^8 + 1^6 + 0^3$
 $= (8 \times (7 - 6) + 54) \times (3! + 2) + 1 \times 0!.$
- $498 = -8^5 - 7^2 + 6^4 + 5^6 + 4^7 + 3^0 + 2^3 + 1^8 + 0^1$
 $= -8 - 7 + (65 \times 4 - 3) \times 2 - 1 \times 0!.$
- $499 = 8^2 - 7^5 + 6^0 + 5^3 + 4^7 + 3^6 + 2^1 + 1^8 + 0^4$
 $= (-8 - 7 + 65) \times (4 + 3!) - 2 + 1 \times 0!.$
- $500 = 8^2 - 7^5 + 6^4 + 5^6 + 4^3 + 3^0 + 2^8 + 1^7 + 0^1$
 $= (-87 - 6 + 5! + 4 - 3!) \times 2 \times 10.$
- $501 = -8^4 + 7^3 + 6^0 + 5^2 + 4^6 + 3^1 + 2^7 + 1^8 + 0^5$
 $= 876 - 54 - 321 \times 0!.$
- $502 = -8^4 + 7^0 + 6^3 + 5^2 + 4^6 + 3^1 + 2^8 + 1^7 + 0^5$
 $= 87 + 6 + 5^4 - 3!(2 + 1) \times 0!.$
- $503 = 8^2 - 7^5 + 6^4 + 5^6 + 4^3 + 3^1 + 2^8 + 1^7 + 0^0$
 $= 8 + (7 + 6 + 5) \times 4! + 3 \times 21 \times 0!.$
- $504 = -8^4 + 7^3 + 6^1 + 5^2 + 4^6 + 3^0 + 2^7 + 1^8 + 0^5$
 $= (-8 + 76 - 5) \times 4 \times (3 - 2 + 1) \times 0!.$
- $505 = -8^4 + 7^1 + 6^0 + 5^3 + 4^6 + 3^5 + 2^7 + 1^8 + 0^2$
 $= -87 - 6 + 5^4 - 3 - (2 + 1 + 0!)!.$
- $506 = -8^4 + 7^1 + 6^3 + 5^2 + 4^6 + 3^0 + 2^8 + 1^7 + 0^5$
 $= 8 + 7 + 6 + 5! \times 4 + 3 \times 2 - 1 \times 0!.$
- $507 = -8^3 + 7^1 - 6^0 + 5^4 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 87 + 6 + 54 + 3!!/2 \times 1 \times 0!.$
- $508 = -8^3 + 7^0 + 6^1 + 5^4 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 87 \times 6 - 5 - 4 + 3 + 2 - 10.$
- $509 = -8^3 + 7^1 + 6^0 + 5^4 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -87 + 6 + 5^4 - 3! \times (2 + 1)! + 0!.$
- $510 = -8^3 - 7^4 + 6^2 + 5^5 + 4^1 + 3^0 + 2^8 + 1^7 + 0^6$
 $= 8 \times 76 + 5^4 - 3 - (2 + 1)!! \times 0!.$
- $511 = 8^2 - 7^5 - 6^0 + 5^3 + 4^7 + 3^6 + 2^4 + 1^8 + 0^1$
 $= 8 - 7 + 6 \times 5 \times 4 \times 3! - 210.$
- $512 = -8^4 + 7^3 + 6^2 + 5^0 + 4^6 + 3^1 + 2^7 + 1^8 + 0^5$
 $= (-8 - 7 - 6 + 5 + 4!) \times (3 \times 21 + 0!).$
- $513 = 8^2 - 7^5 + 6^0 + 5^3 + 4^7 + 3^6 + 2^4 + 1^8 + 0^1$
 $= -87 + 6! - 5! - 4 + 3 + 2 - 1 \times 0!.$
- $514 = -8^4 + 7^3 + 6^2 + 5^1 + 4^6 + 3^0 + 2^7 + 1^8 + 0^5$
 $= -87 - 6 + 5^4 - 3! \times (2 + 1) \times 0!.$
- $515 = -8^4 + 7^2 + 6^3 + 5^1 + 4^6 + 3^5 + 2^0 + 1^8 + 0^7$
 $= 87 + 654/3 + 210.$
- $516 = 8^3 - 7^1 - 6^4 + 5^2 + 4^5 + 3^0 + 2^8 + 1^7 + 0^6$
 $= -8 - 76 + 5! \times 4 + (-3 - 2 + 10)!.$
- $517 = -8^5 - 7^2 + 6^4 + 5^6 + 4^7 + 3^3 + 2^0 + 1^8 + 0^1$
 $= 8 - 7 \times 6 + 543 - 2 + 10.$
- $518 = 8^2 - 7^5 + 6^1 + 5^3 + 4^7 + 3^6 + 2^4 + 1^0 + 0^8$
 $= 8 - 7 + 6 - 5 + 43 \times (2 + 10).$
- $519 = 8^2 - 7^5 + 6^1 + 5^3 + 4^7 + 3^6 + 2^4 + 1^8 + 0^0$
 $= -8 - 7 + (65 + 4!) \times (3 + 2 + 1 \times 0!).$

$$\bullet 520 = -8^1 - 7^5 + 6^3 + 5^0 + 4^7 + 3^6 + 2^2 + 1^8 + 0^4 \\ = 87 + 6 + 5 + 432 - 10.$$

$$\bullet 521 = -8^0 - 7^5 + 6^2 + 5^4 + 4^7 + 3^3 + 2^8 + 1^6 + 0^1 \\ = 8 \times 76 - 54 - 32 - 1 \times 0!.$$

$$\bullet 522 = -8^2 + 7^0 - 6^4 + 5^3 + 4^5 + 3^6 + 2^1 + 1^8 + 0^7 \\ = -87 - 6 + 5^4 - 3 - (2 + 1)! - 0!.$$

$$\bullet 523 = 8^0 - 7^5 + 6^2 + 5^4 + 4^7 + 3^3 + 2^8 + 1^6 + 0^1 \\ = 8 \times 76 - 54 - 32 + 1 \times 0!.$$

$$\bullet 524 = -8^3 - 7^0 + 6^2 + 5^4 + 4^1 + 3^5 + 2^7 + 1^8 + 0^6 \\ = 8 \times (76 + 5) - 4 - (-3 - 2 + 10)!.$$

$$\bullet 525 = -8^3 - 7^1 + 6^0 + 5^2 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7 \\ = -87 - 6 + 5^4 - 3 - 2 - 1 - 0!.$$

$$\bullet 526 = -8^4 + 7^2 + 6^3 + 5^0 + 4^6 + 3^1 + 2^8 + 1^7 + 0^5 \\ = (8 - 7) \times (6 + 5!) \times 4 + 32 - 10.$$

$$\bullet 527 = 8^2 - 7^5 + 6^0 + 5^4 + 4^7 + 3^1 + 2^8 + 1^6 + 0^3 \\ = -87 - 6 + 5^4 - 3 - 2 - 1 + 0!.$$

$$\bullet 528 = -8^4 + 7^2 + 6^3 + 5^1 + 4^6 + 3^0 + 2^8 + 1^7 + 0^5 \\ = (8 - 76 - 5 + 4 + 3) \times (2 - 10).$$

$$\bullet 529 = -8^3 + 7^1 + 6^2 + 5^4 + 4^0 + 3^5 + 2^7 + 1^8 + 0^6 \\ = -87 - 6 + 5^4 + 3 - (2 + 1)! \times 0!.$$

$$\bullet 530 = 8^2 - 7^5 + 6^1 + 5^4 + 4^7 + 3^0 + 2^8 + 1^6 + 0^3 \\ = -87 - 6 + 5^4 + 3 - (2 + 1)! + 0!.$$

$$\bullet 531 = 8^1 - 7^5 + 6^2 + 5^4 + 4^7 + 3^3 + 2^8 + 1^6 + 0^0 \\ = -87 - 6 + 5^4 - 3/(2 + 1) \times 0!.$$

$$\bullet 532 = -8^4 + 7^0 + 6^1 + 5^2 + 4^6 + 3^5 + 2^8 + 1^7 + 0^3 \\ = -87 + 6 + 5^4 - 3 \times (2 + 1 + 0!).$$

$$\bullet 533 = -8^4 + 7^1 + 6^0 + 5^2 + 4^6 + 3^5 + 2^8 + 1^7 + 0^3 \\ = -87 - 6 + 5^4 - 3 + 2 + 1 + 0!.$$

$$\bullet 534 = -8^4 + 7^0 + 6^2 + 5^3 + 4^6 + 3^5 + 2^7 + 1^8 + 0^1 \\ = -8 - 76 + 5^4 - 3 - 2 - 1 - 0!.$$

$$\bullet 535 = -8^3 - 7^5 + 6^2 + 5^6 + 4^1 + 3^7 + 2^0 + 1^8 + 0^4 \\ = 87 \times 6 + 5 \times 4 - 3 \times 2 - 1 \times 0!.$$

$$\bullet 536 = 8^1 - 7^5 + 6^3 + 5^0 + 4^7 + 3^6 + 2^2 + 1^8 + 0^4 \\ = -87 - 6 + 5^4 - 3 + (2 + 1)! + 0!.$$

$$\bullet 537 = -8^3 + 7^2 - 6^0 + 5^4 + 4^1 + 3^5 + 2^7 + 1^8 + 0^6 \\ = -8 - 76 + 5^4 - 3 - 2 + 1 \times 0!.$$

$$\bullet 538 = -8^3 + 7^0 + 6^1 + 5^2 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7 \\ = 8 \times (7 + 6) + 5 \times (4! + 3 \times 21) - 0!.$$

$$\bullet 539 = -8^3 + 7^2 + 6^0 + 5^4 + 4^1 + 3^5 + 2^7 + 1^8 + 0^6 \\ = 8 \times 76 - 54 - 3 - 2 - 10.$$

$$\bullet 540 = -8^4 + 7^1 + 6^2 + 5^3 + 4^6 + 3^5 + 2^7 + 1^0 + 0^8 \\ = -8 - 76 + 5^4 - 3 + 2 + 1 - 0!.$$

$$\bullet 541 = -8^4 + 7^1 + 6^2 + 5^3 + 4^6 + 3^5 + 2^7 + 1^8 + 0^0 \\ = -87 - 6 + 5^4 + 3 \times (2 + 1) \times 0!.$$

$$\bullet 542 = -8^4 + 7^0 + 6^2 + 5^1 + 4^6 + 3^5 + 2^8 + 1^7 + 0^3 \\ = -8 - 76 + 5^4 - 3 + 2 + 1 + 0!.$$

$$\bullet 543 = -8^0 - 7^5 + 6^3 + 5^1 + 4^7 + 3^6 + 2^4 + 1^8 + 0^2 \\ = (8 - 7 \times 6 + 5 \times 43) \times (2 \times 1 + 0!).$$

$$\bullet 544 = -8^4 + 7^1 + 6^2 + 5^0 + 4^6 + 3^5 + 2^8 + 1^7 + 0^3 \\ = -8 \times 7 + 6 + 5^4 - 32 + (1 \times 0)!.$$

$$\bullet 545 = 8^0 - 7^5 + 6^3 + 5^1 + 4^7 + 3^6 + 2^4 + 1^8 + 0^2 \\ = -87 + 6 + 5^4 + 3 - 2 + 1 - 0!.$$

$$\bullet 546 = -8^5 + 7^0 + 6^4 + 5^6 + 4^7 + 3^1 + 2^2 + 1^8 + 0^3 \\ = -8 - 76 + 5^4 - 3 - 2 + 10.$$

$$\bullet 547 = -8^4 + 7^2 + 6^0 + 5^3 + 4^6 + 3^5 + 2^7 + 1^8 + 0^1 \\ = -87 + 6 + 5^4 + 3 + 21 \times 0.$$

$$\bullet 548 = -8^3 + 7^0 + 6^2 + 5^1 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7 \\ = 8 \times (76 - 5) + 4 \times (3 + 2 - 10).$$

$$\bullet 549 = -8^5 - 7^1 + 6^4 + 5^6 + 4^7 + 3^2 + 2^3 + 1^8 + 0^0 \\ = (8 + 7 - 6) \times (54 + 3! + 2 - 1) \times 0!.$$

$$\bullet 550 = -8^5 + 7^1 + 6^4 + 5^6 + 4^7 + 3^0 + 2^2 + 1^8 + 0^3 \\ = 8 - 76 + 5^4 - 3 \times 2 - 1 \times 0!.$$

$$\bullet 551 = 8^2 - 7^5 + 6^3 + 5^4 + 4^7 + 3^1 + 2^6 + 1^8 + 0^0 \\ = 8 - 76 + 5^4 - 3 - 2 - 1 \times 0!.$$

$$\bullet 552 = -8^4 + 7^2 + 6^1 + 5^3 + 4^6 + 3^5 + 2^7 + 1^0 + 0^8 \\ = (8 - 7)^6 + 543 - 2 + 10.$$

$$\bullet 553 = -8^4 + 7^2 + 6^1 + 5^3 + 4^6 + 3^5 + 2^7 + 1^8 + 0^0 \\ = -87 + 6 + 5^4 + 3! + 2 + 1 \times 0!.$$

$$\bullet 554 = -8^5 + 7^1 + 6^4 + 5^6 + 4^7 + 3^0 + 2^3 + 1^8 + 0^2 \\ = -8 + 765 + 4 + 3 - 210.$$

$$\bullet 555 = -8^5 + 7^1 + 6^4 + 5^6 + 4^7 + 3^2 + 2^0 + 1^8 + 0^3 \\ = (8 + 7) \times (65 + 4 - 32) + 1 \times 0.$$

$$\bullet 556 = -8^5 + 7^0 + 6^4 + 5^6 + 4^7 + 3^2 + 2^3 + 1^8 + 0^1 \\ = -87 + 6 + 5^4 + 3 \times (2 + 1 + 0!).$$

$$\bullet 557 = 8^2 - 7^5 + 6^1 + 5^4 + 4^7 + 3^3 + 2^8 + 1^6 + 0^0 \\ = (8 + 7 - 6) \times (54 + 3! + 2) - 1 \times 0!.$$

$$\bullet 558 = -8^1 + 7^0 - 6^3 + 5^2 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = 8 - 76 + 5^4 + 3 - 2 \times 1 \times 0!.$$

$$\bullet 559 = -8^5 - 7^1 + 6^4 + 5^6 + 4^7 + 3^3 + 2^0 + 1^8 + 0^2 \\ = (8 + 7 - 6) \times (54 + 3! + 2) + 1 \times 0!.$$

$$\bullet 560 = -8^3 - 7^2 + 6^1 + 5^0 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5 \\ = 8 - 76 + 5^4 + 3! - 2 - 1 \times 0!.$$

$$\bullet 561 = -8^3 + 7^2 + 6^0 + 5^1 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7 \\ = 8 - 76 + 5^4 + 3 + 2 - 1 \times 0!.$$

$$\bullet 562 = -8^5 + 7^1 + 6^4 + 5^6 + 4^7 + 3^2 + 2^3 + 1^0 + 0^8 \\ = 8 - 76 + 5^4 + 3 + 2 \times 1 \times 0!.$$

$$\bullet 563 = -8^5 + 7^1 + 6^4 + 5^6 + 4^7 + 3^2 + 2^3 + 1^8 + 0^0 \\ = 8 - 76 + 5^4 + 3! + 2 - 1 - 0!.$$

$$\bullet 564 = 8^4 - 7^1 - 6^5 + 5^2 + 4^6 + 3^0 + 2^7 + 1^8 + 0^3 \\ = 876 + 5 + 4 - 321 \times 0!.$$

$$\bullet 565 = 8^0 - 7^5 + 6^3 + 5^2 + 4^7 + 3^6 + 2^4 + 1^8 + 0^1 \\ = 8 - 76 + 5^4 + 3^2 - 1 \times 0!.$$

$$\bullet 566 = -8^5 - 7^0 + 6^4 + 5^6 + 4^7 + 3^3 + 2^1 + 1^8 + 0^2 \\ = (87 + 65) \times 4 - 32 - 10.$$

$$\bullet 567 = -8^3 - 7^2 - 6^0 + 5^4 + 4^1 + 3^5 + 2^8 + 1^7 + 0^6 \\ = (-8 + 76 - 5) \times (4 - 3 - 2 + 10).$$

$$\bullet 568 = -8^5 + 7^0 + 6^4 + 5^6 + 4^7 + 3^3 + 2^1 + 1^8 + 0^2 \\ = 8 \times 76 + (5 - 4 - 3 - 2) \times 10.$$

$$\bullet 569 = -8^3 - 7^2 + 6^0 + 5^4 + 4^1 + 3^5 + 2^8 + 1^7 + 0^6 \\ = 8 - 76 + 5^4 + 3 \times 2 \times (1 + 0!).$$

$$\bullet 570 = -8^5 + 7^0 + 6^4 + 5^6 + 4^7 + 3^3 + 2^2 + 1^8 + 0^1 \\ = -87 + 654 + 3 + 2 - 1 - 0!.$$

$$\bullet 571 = -8^3 - 7^2 + 6^1 + 5^4 + 4^0 + 3^5 + 2^8 + 1^7 + 0^6 \\ = -87 + 654 + 3 + 2 - 1 \times 0!.$$

$$\bullet 572 = 8^1 - 7^5 + 6^3 + 5^2 + 4^7 + 3^6 + 2^4 + 1^0 + 0^8 \\ = -87 + 654 + 3 + 2 \times 1 \times 0!.$$

$$\bullet 573 = -8^5 + 7^1 + 6^4 + 5^6 + 4^7 + 3^3 + 2^0 + 1^8 + 0^2 \\ = -87 + 654 + 3 + 2 + 1 \times 0!.$$

$$\bullet 574 = 8^4 + 7^0 - 6^5 + 5^2 + 4^6 + 3^1 + 2^7 + 1^8 + 0^3 \\ = -87 + 654 + 3 + 2 + 1 + 0!.$$

$$\bullet 575 = 8^3 - 7^4 - 6^1 + 5^2 + 4^0 + 3^7 + 2^8 + 1^6 + 0^5 \\ = (87 \times 6 + 5^4 + 3)/(2 + 1 - 0!).$$

$$\bullet 576 = -8^5 + 7^1 + 6^4 + 5^6 + 4^7 + 3^3 + 2^2 + 1^0 + 0^8 \\ = (8 + 7 - 6) \times (54 + 3! + 2 + 1 + 0!).$$

$$\bullet 577 = -8^5 + 7^1 + 6^4 + 5^6 + 4^7 + 3^3 + 2^2 + 1^8 + 0^0 \\ = 8 \times (76 - 5) + 4 - 3 - 2 + 10.$$

$$\bullet 578 = 8^3 - 7^4 + 6^1 + 5^0 + 4^2 + 3^7 + 2^8 + 1^6 + 0^5 \\ = 8 - 7 + 65 + 4^3 \times (-2 + 10).$$

$$\bullet 579 = -8^3 - 7^4 - 6^0 + 5^2 + 4^5 + 3^7 + 2^8 + 1^6 + 0^1 \\ = -8 - 7 - 6 + 5 \times 4! \times (3 + 2 \times 1) \times 0!.$$

- $580 = 8^4 + 7^1 - 6^5 + 5^0 + 4^6 + 3^3 + 2^7 + 1^8 + 0^2$
 $= 8 - (7 + 6) \times (-5 + 4! - 3 \times 21) \times 0!$
- $581 = -8^3 - 7^4 + 6^0 + 5^2 + 4^5 + 3^7 + 2^8 + 1^6 + 0^1$
 $= 87 \times 6 - 5 + 43 + 21 \times 0!$
- $582 = -8^4 - 7^2 + 6^1 + 5^3 + 4^6 + 3^5 + 2^8 + 1^0 + 0^7$
 $= (8 - 7) \times (6 - 54) + 3 \times 210.$
- $583 = -8^4 - 7^2 + 6^1 + 5^3 + 4^6 + 3^5 + 2^8 + 1^7 + 0^0$
 $= 8 \times (76 - 5) - 4 + 3^2 + 10.$
- $584 = -8^4 + 7^0 + 6^3 - 5^1 + 4^6 + 3^5 + 2^7 + 1^8 + 0^2$
 $= -87 + 6 - 54 + (3 \times 2)! - 1 \times 0!$
- $585 = 8^3 - 7^4 + 6^0 + 5^2 + 4^1 + 3^7 + 2^8 + 1^6 + 0^5$
 $= -87 + 6! + 54 \times 3 - 210.$
- $586 = -8^3 - 7^4 + 6^1 + 5^2 + 4^5 + 3^7 + 2^8 + 1^0 + 0^6$
 $= 8 \times 7 + (6 + 54) \times 3^2 - 10.$
- $587 = 8^3 - 7^4 + 6^1 + 5^2 + 4^0 + 3^7 + 2^8 + 1^6 + 0^5$
 $= 87 \times 6 + 5 + 4! \times 3 - 2 - 10.$
- $588 = -8^4 - 7^0 - 6^2 + 5^3 + 4^6 + 3^5 + 2^8 + 1^7 + 0^1$
 $= 8 \times (76 - 5) + 4 \times (-3 - 2 + 10).$
- $589 = 8^0 - 7^2 + 6^1 - 5^3 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= -8 \times 7 + 654 + 3 - 2 - 10.$
- $590 = -8^5 + 7^2 + 6^4 + 5^6 + 4^7 + 3^0 + 2^1 + 1^8 + 0^3$
 $= 8 - 7 + 6 + 5^4 - 32 - 10.$
- $591 = -8^5 + 7^2 + 6^4 + 5^6 + 4^7 + 3^1 + 2^0 + 1^8 + 0^3$
 $= ((-8 - 7 + 65) \times 4 - 3) \times (2 + 1 \times 0!).$
- $592 = -8^4 - 7^0 + 6^3 + 5^1 + 4^6 + 3^5 + 2^7 + 1^8 + 0^2$
 $= 8 \times (7 \times 6 + 54 - 32 + 10).$
- $593 = 8^2 - 7^5 + 6^3 + 5^1 + 4^7 + 3^6 + 2^0 + 1^8 + 0^4$
 $= 8 \times 76 + 5 - 4 \times (-3 - 2 + 10).$
- $594 = -8^4 + 7^0 + 6^3 + 5^1 + 4^6 + 3^5 + 2^7 + 1^8 + 0^2$
 $= 8 \times 76 - 5 - 4 + 3 + 2 - 10.$
- $595 = 8^0 - 7^5 + 6^1 + 5^2 + 4^7 + 3^6 + 2^8 + 1^4 + 0^3$
 $= (-8 + 7 + 6) \times (5 \times 4! - (321 \times 0)!).$
- $596 = -8^5 + 7^2 + 6^4 + 5^6 + 4^7 + 3^0 + 2^3 + 1^8 + 0^1$
 $= 8 + (7 \times 6 + 54) \times 3! + 2 + 10.$
- $597 = -8^4 + 7^3 + 6^0 + 5^1 + 4^6 + 3^5 + 2^2 + 1^8 + 0^7$
 $= 8 + 76 \times 5 - 4 + 3 + 210.$
- $598 = -8^5 + 7^2 + 6^4 + 5^6 + 4^7 + 3^1 + 2^3 + 1^0 + 0^8$
 $= (-87 + 6 + 5^4 \times 3)/(2 + 1) \times 0!$
- $599 = -8^5 + 7^2 + 6^4 + 5^6 + 4^7 + 3^1 + 2^3 + 1^8 + 0^0$
 $= (-8 - 7 + 65) \times 4 \times 3 - (21 \times 0)!.$
- $600 = 8^4 + 7^2 - 6^5 + 5^1 + 4^6 + 3^0 + 2^7 + 1^8 + 0^3$
 $= (-8 - 7 + 65) \times 4 \times 3 - 21 \times 0.$
- $601 = 8^0 - 7^3 - 6^1 + 5^4 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7$
 $= (-8 - 7 + 65) \times 4 \times 3 + (21 \times 0)!.$
- $602 = -8^1 - 7^4 - 6^5 + 5^3 + 4^6 + 3^8 + 2^2 + 1^0 + 0^7$
 $= 8 \times 76 - 5 + 4 + 3 + 2 - 10.$
- $603 = -8^0 - 7^5 + 6^2 + 5^1 + 4^7 + 3^6 + 2^8 + 1^4 + 0^3$
 $= 8 \times 76 \times (5 - 4) + 3 + 2 - 10.$
- $604 = 8^2 - 7^5 + 6^3 + 5^0 + 4^7 + 3^6 + 2^4 + 1^8 + 0^1$
 $= 8 \times 76 + 5 - 4 + 3 + 2 - 10.$
- $605 = 8^0 - 7^5 + 6^2 + 5^1 + 4^7 + 3^6 + 2^8 + 1^4 + 0^3$
 $= (-8 + 7 + 6) \times (5 \times 4! + (321 \times 0)!).$
- $606 = -8^4 - 7^1 + 6^3 + 5^2 + 4^6 + 3^5 + 2^7 + 1^0 + 0^8$
 $= 8 + 765 + 43 - 210.$
- $607 = -8^4 - 7^1 + 6^3 + 5^2 + 4^6 + 3^5 + 2^7 + 1^8 + 0^0$
 $= 87 \times 6 + 5 + 4! \times 3 - 2 + 10.$
- $608 = 8^2 - 7^5 + 6^3 + 5^1 + 4^7 + 3^6 + 2^4 + 1^0 + 0^8$
 $= 8 \times 76 + 54321 \times 0.$
- $609 = 8^2 - 7^5 + 6^3 + 5^1 + 4^7 + 3^6 + 2^4 + 1^8 + 0^0$
 $= 8 \times 76 + (54321 \times 0)!.$
- $610 = 8^2 + 7^0 - 6^3 + 5^1 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 87 + 6 + 5 + 4^3 \times (-2 + 10).$

$$\bullet 611 = -8^0 - 7^3 + 6^1 + 5^4 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7 \\ = -8 + 7 + 654 - 32 - 10.$$

$$\bullet 612 = -8^4 - 7^0 + 6^3 + 5^2 + 4^6 + 3^5 + 2^7 + 1^8 + 0^1 \\ = 8 \times 76 + 5 + 4 + 3 + 2 - 10.$$

$$\bullet 613 = 8^0 - 7^3 + 6^1 + 5^4 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7 \\ = (8 \times 76 + 5) \times (-4 - 3 - 2 + 10).$$

$$\bullet 614 = -8^4 + 7^0 + 6^3 + 5^2 + 4^6 + 3^5 + 2^7 + 1^8 + 0^1 \\ = 8 \times 76 + 5 - 4 - 3 - 2 + 10.$$

$$\bullet 615 = -8^5 + 7^2 + 6^4 + 5^6 + 4^7 + 3^3 + 2^0 + 1^8 + 0^1 \\ = (8 + 7) \times (65 - 4!) \times (3 - 2 + 1 \times 0).$$

$$\bullet 616 = -8^5 + 7^2 + 6^4 + 5^6 + 4^7 + 3^3 + 2^1 + 1^0 + 0^8 \\ = (8 + 7) \times (65 - 4!) + 3 - 2 + 1 \times 0.$$

$$\bullet 617 = -8^5 + 7^2 + 6^4 + 5^6 + 4^7 + 3^3 + 2^1 + 1^8 + 0^0 \\ = -8 - 7 - 65 - 4! + 3!! + 2 - 1 \times 0!.$$

$$\bullet 618 = -8^2 - 7^3 + 6^1 + 5^0 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7 \\ = (-87 \times 6 + 5^4) \times 3 \times (2 + 1 - 0!).$$

$$\bullet 619 = -8^4 + 7^3 + 6^1 + 5^2 + 4^6 + 3^5 + 2^0 + 1^8 + 0^7 \\ = (8 \times 76 + 5^4 + 3 + 2)/(1 + 0!).$$

$$\bullet 620 = -8^4 + 7^1 + 6^3 + 5^2 + 4^6 + 3^5 + 2^7 + 1^0 + 0^8 \\ = 8 \times 7 + 654 - 3^2 \times 10.$$

$$\bullet 621 = -8^4 + 7^1 + 6^3 + 5^2 + 4^6 + 3^5 + 2^7 + 1^8 + 0^0 \\ = -87 + 6! - 5!/(4 \times 3) - 2 \times 1 \times 0!.$$

$$\bullet 622 = -8^3 - 7^5 + 6^4 + 5^0 + 4^7 + 3^1 + 2^8 + 1^6 + 0^2 \\ = -8 + 7 - 6 - 5 + 4 + 3 \times 210.$$

$$\bullet 623 = -8^3 - 7^1 + 6^0 + 5^4 + 4^2 + 3^5 + 2^8 + 1^7 + 0^6 \\ = 8 \times 76 - 5 + 4 \times (-3 - 2 + 10).$$

$$\bullet 624 = -8^3 - 7^5 + 6^4 + 5^1 + 4^7 + 3^0 + 2^8 + 1^6 + 0^2 \\ = (-8 \times 7 + 65 + 43) \times (2 + 10).$$

$$\bullet 625 = -8^2 - 7^5 + 6^0 + 5^3 + 4^7 + 3^6 + 2^8 + 1^4 + 0^1 \\ = -87 + 6 + 5^4 + 3(2 + 1 + 0!).$$

$$\bullet 626 = -8^4 + 7^3 + 6^2 + 5^0 + 4^6 + 3^5 + 2^1 + 1^8 + 0^7 \\ = 87 - 6 + 543 + 2 - 1 + 0!.$$

$$\bullet 627 = 8^4 + 7^2 - 6^5 + 5^1 + 4^6 + 3^3 + 2^7 + 1^8 + 0^0 \\ = 8 + 7 + 654 - 32 - 10.$$

$$\bullet 628 = -8^3 - 7^5 + 6^4 + 5^0 + 4^7 + 3^2 + 2^8 + 1^6 + 0^1 \\ = 876 + (5! + 4) \times (-3 + 2 - 1) \times 0!.$$

$$\bullet 629 = -8^4 + 7^3 + 6^2 + 5^1 + 4^6 + 3^5 + 2^0 + 1^8 + 0^7 \\ = (8 + 76) \times 5 - 4 + 3 + 210.$$

$$\bullet 630 = -8^4 - 7^0 + 6^1 + 5^3 + 4^6 + 3^5 + 2^8 + 1^7 + 0^2 \\ = (-8 + 76 - 5) \times (4 + 3 - 2) \times (1 + 0!).$$

$$\bullet 631 = 8^0 - 7^3 + 6^2 + 5^4 + 4^1 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 87 \times 6 + 5! - 4 \times 3 + 2 - 1 \times 0!.$$

$$\bullet 632 = -8^4 + 7^3 + 6^1 + 5^2 + 4^6 + 3^0 + 2^8 + 1^7 + 0^5 \\ = 8 \times 76 - 5! + 4! + (-3 - 2 + 10)!.$$

$$\bullet 633 = -8^4 + 7^1 + 6^0 + 5^3 + 4^6 + 3^5 + 2^8 + 1^7 + 0^2 \\ = 8 \times 76 + 5!/4 + 3 + 2 - 10.$$

$$\bullet 634 = -8^3 + 7^0 + 6^1 + 5^2 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5 \\ = -87 + 6 + 5^4 + 3^2 \times 10.$$

$$\bullet 635 = -8^3 + 7^1 + 6^0 + 5^2 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5 \\ = 8 + 76 + 543 - 2 + 10.$$

$$\bullet 636 = -8^3 + 7^0 + 6^1 + 5^4 + 4^2 + 3^5 + 2^8 + 1^7 + 0^6 \\ = (8 + 76) \times (5 + 4) - (-3 - 2 + 10)!.$$

$$\bullet 637 = -8^3 + 7^1 + 6^0 + 5^4 + 4^2 + 3^5 + 2^8 + 1^7 + 0^6 \\ = 87 + 6 + 543 + 2 - 1 \times 0!.$$

$$\bullet 638 = -8^4 + 7^2 + 6^3 + 5^0 + 4^6 + 3^5 + 2^7 + 1^8 + 0^1 \\ = 8 - 76 + 5^4 + 3(2 \times (1 + 0!)).$$

$$\bullet 639 = 8^3 - 7^5 + 6^4 + 5^6 + 4^0 + 3^2 + 2^1 + 1^8 + 0^7 \\ = -8 - 7 - 65 - 4 + 3 + (2 + 1 \times 0!)!!.$$

$$\bullet 640 = -8^4 + 7^3 + 6^2 + 5^0 + 4^6 + 3^1 + 2^8 + 1^7 + 0^5 \\ = 8 \times (76 + 5! + 4 - (-3 - 2 + 10)!).$$

$$\bullet 641 = 8^3 - 7^5 + 6^4 + 5^6 + 4^1 + 3^2 + 2^0 + 1^8 + 0^7 \\ = -8 - 7 + 654 + 3! \times 2 - 10.$$

$$\begin{aligned} \bullet 642 &= -8^4 + 7^3 + 6^2 + 5^1 + 4^6 + 3^0 + 2^8 + 1^7 + 0^5 \\ &= -8 - 7 - 65 + 4 + 3!! - 2 + 1 \times 0. \end{aligned}$$

$$\begin{aligned} \bullet 643 &= -8^4 + 7^2 + 6^3 + 5^1 + 4^6 + 3^5 + 2^7 + 1^8 + 0^0 \\ &= -8 - 7 - 65 + 4 + (3 \times 2)! - 1 \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 644 &= -8^3 + 7^0 + 6^2 + 5^1 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5 \\ &= (8 - 7 + 6) \times (54 - 3! - 2) \times (1 + 0!). \end{aligned}$$

$$\begin{aligned} \bullet 645 &= -8^0 - 7^2 + 6^1 + 5^3 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ &= (8 + 7) \times (6 + 5 + 4 \times 3 + 2 \times 10). \end{aligned}$$

$$\begin{aligned} \bullet 646 &= -8^3 + 7^1 + 6^2 + 5^0 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5 \\ &= (-8 - 7 + 65 + 4! - 3!!) \times (-2 + 1 \times 0!). \end{aligned}$$

$$\begin{aligned} \bullet 647 &= 8^3 - 7^5 + 6^4 + 5^6 + 4^2 + 3^1 + 2^0 + 1^8 + 0^7 \\ &= (-8 - 7 + 65 + 4) \times 3! \times 2 - 1 \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 648 &= -8^2 + 7^0 - 6^4 + 5^3 + 4^5 + 3^6 + 2^7 + 1^8 + 0^1 \\ &= 8 \times (76 + 5) \times (-4 - 3 - 2 + 10). \end{aligned}$$

$$\begin{aligned} \bullet 649 &= 8^1 - 7^2 + 6^0 + 5^3 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ &= 876 - 5 - 4 \times 3 - 210. \end{aligned}$$

$$\begin{aligned} \bullet 650 &= 8^2 + 7^0 - 6^4 + 5^3 + 4^5 + 3^6 + 2^1 + 1^8 + 0^7 \\ &= (-8 - 7 + 65) \times (4 + 3^2) \times 1 \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 651 &= 8^2 - 7^3 - 6^4 + 5^1 + 4^0 + 3^7 + 2^5 + 1^8 + 0^6 \\ &= -8 + 7 + 654 - 3! \times 2 + 10. \end{aligned}$$

$$\begin{aligned} \bullet 652 &= -8^3 - 7^0 + 6^2 + 5^4 + 4^1 + 3^5 + 2^8 + 1^7 + 0^6 \\ &= (87 - 6 + 5^4 \times 3)/(2 + 1) \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 653 &= 8^0 - 7^5 - 6^2 + 5^3 + 4^7 + 3^6 + 2^8 + 1^4 + 0^1 \\ &= 8 \times 76 + (5 + 4) \times (-3 - 2 + 10). \end{aligned}$$

$$\begin{aligned} \bullet 654 &= -8^3 + 7^0 + 6^2 + 5^4 + 4^1 + 3^5 + 2^8 + 1^7 + 0^6 \\ &= -8 - 7 + 6! + 5 - 4! - 32 \times 1 \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 655 &= -8^4 - 7^1 + 6^2 + 5^3 + 4^6 + 3^5 + 2^8 + 1^7 + 0^0 \\ &= -87 - 6 + 5^4 + 3 + ((2 + 1)! - 0!)!. \end{aligned}$$

$$\begin{aligned} \bullet 656 &= 8^2 + 7^0 - 6^4 + 5^1 + 4^5 + 3^6 + 2^7 + 1^8 + 0^3 \\ &= -8 - 7 + 6! - 54 + 3 + 2 \times 1 \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 657 &= -8^3 + 7^2 + 6^0 + 5^1 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5 \\ &= 87 + 6 + 543 + 21 \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 658 &= -8^3 + 7^2 + 6^1 + 5^0 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5 \\ &= (-8 + 7)^6 + 5^4 + 32 - 1 + 0!. \end{aligned}$$

$$\begin{aligned} \bullet 659 &= 8^2 - 7^3 + 6^0 + 5^4 + 4^1 + 3^5 + 2^6 + 1^8 + 0^7 \\ &= 8 + 7 + 6! - 54 - 32 + 10. \end{aligned}$$

$$\begin{aligned} \bullet 660 &= -8^4 - 7^0 + 6^2 + 5^3 + 4^6 + 3^5 + 2^8 + 1^7 + 0^1 \\ &= (87 + (6 + 5^4) \times 3)/(2 + 1) \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 661 &= 8^2 - 7^3 + 6^1 + 5^4 + 4^0 + 3^5 + 2^6 + 1^8 + 0^7 \\ &= 8 + 7 + 654 - 3^2 + 1 \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 662 &= -8^4 + 7^0 + 6^2 + 5^3 + 4^6 + 3^5 + 2^8 + 1^7 + 0^1 \\ &= -8 + 7 + 654 + 3^2 - 1 + 0!. \end{aligned}$$

$$\begin{aligned} \bullet 663 &= -8^1 - 7^3 + 6^0 + 5^4 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6 \\ &= 8 + 7 + 654 - 3 - 2 \times 1 - 0!. \end{aligned}$$

$$\begin{aligned} \bullet 664 &= 8^4 - 7^1 - 6^5 + 5^3 + 4^6 + 3^0 + 2^7 + 1^8 + 0^2 \\ &= 8 + 7 - 65 - 4 + 3!! - 2 + 1 \times 0. \end{aligned}$$

$$\begin{aligned} \bullet 665 &= -8^3 + 7^2 - 6^0 + 5^4 + 4^1 + 3^5 + 2^8 + 1^7 + 0^6 \\ &= 8 + (-7 - 6 - 5 + 4!)! - 3 \times 21 \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 666 &= -8^3 + 7^0 - 6^4 + 5^2 + 4^1 + 3^7 + 2^8 + 1^6 + 0^5 \\ &= -87 + 6! + 5 - 4 + 32 \times 1 \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 667 &= -8^3 + 7^2 + 6^0 + 5^4 + 4^1 + 3^5 + 2^8 + 1^7 + 0^6 \\ &= -8 + 7 + 654 + (3! - 2)! - 10. \end{aligned}$$

$$\begin{aligned} \bullet 668 &= -8^4 + 7^1 + 6^2 + 5^3 + 4^6 + 3^5 + 2^8 + 1^0 + 0^7 \\ &= -8 - 7 + 6! - 5 - 4 \times 3 - 2 \times 10. \end{aligned}$$

$$\begin{aligned} \bullet 669 &= -8^4 + 7^1 + 6^2 + 5^3 + 4^6 + 3^5 + 2^8 + 1^7 + 0^0 \\ &= 87 + 6 - 54 + 3 \times 210. \end{aligned}$$

$$\begin{aligned} \bullet 670 &= 8^1 - 7^2 - 6^4 + 5^3 + 4^5 + 3^6 + 2^7 + 1^0 + 0^8 \\ &= 8 + 7 + 654 + 3 - 2 \times 1 \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 671 &= 8^2 - 7^4 - 6^5 + 5^3 + 4^6 + 3^8 + 2^0 + 1^7 + 0^1 \\ &= -8 + 76 \times (5 + 4) + 3 + 2 - 10. \end{aligned}$$

$$\bullet 672 = -8^4 - 7^2 + 6^3 + 5^1 + 4^6 + 3^5 + 2^8 + 1^0 + 0^7 \\ = -8 + 76 + 5^4 + 3 - (2 \times (1 + 0!))!.$$

$$\bullet 673 = -8^4 - 7^2 + 6^3 + 5^1 + 4^6 + 3^5 + 2^8 + 1^7 + 0^0 \\ = 8 + 7 - 65 + 4 + (3 \times 2)! - 1 \times 0!.$$

$$\bullet 674 = 8^4 + 7^0 - 6^5 + 5^3 + 4^6 + 3^1 + 2^7 + 1^8 + 0^2 \\ = 8 + 76 + 5^4 - 3!^2 + 1 \times 0!.$$

$$\bullet 675 = -8^4 + 7^2 + 6^0 + 5^3 + 4^6 + 3^5 + 2^8 + 1^7 + 0^1 \\ = 8 + 7 - 6 - 54 + (3! + 2 - 1 - 0!)!.$$

$$\bullet 676 = -8^1 - 7^5 + 6^3 + 5^4 + 4^7 + 3^2 + 2^8 + 1^0 + 0^6 \\ = 8 + 7 - 65 + 4 + 3!! + 2 + 1 \times 0.$$

$$\bullet 677 = 8^0 - 7^3 + 6^1 + 5^4 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6 \\ = 8 \times 76 + 54 + 3 + 2 + 10.$$

$$\bullet 678 = 8^4 + 7^1 - 6^5 + 5^3 + 4^6 + 3^0 + 2^7 + 1^8 + 0^2 \\ = -8 - 7 + 6! + 5 - 4 \times 3 - 2 \times 10.$$

$$\bullet 679 = 8^1 - 7^3 + 6^0 + 5^4 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6 \\ = 8 - 7 + 654 + 3 + 21 \times 0!.$$

$$\bullet 680 = -8^4 + 7^2 + 6^1 + 5^3 + 4^6 + 3^5 + 2^8 + 1^0 + 0^7 \\ = (8 - 76) \times 5 \times (-4 + 3 - 2 + 1) \times 0!.$$

$$\bullet 681 = -8^4 + 7^2 + 6^1 + 5^3 + 4^6 + 3^5 + 2^8 + 1^7 + 0^0 \\ = -8 + 76 \times (5 + 4) - 3 - 2 + 10.$$

$$\bullet 682 = -8^3 - 7^5 + 6^1 + 5^4 + 4^7 + 3^6 + 2^8 + 1^0 + 0^2 \\ = 8 + 76 + 5^4 - 3(2 + 1) \times 0!.$$

$$\bullet 683 = -8^3 - 7^5 + 6^1 + 5^4 + 4^7 + 3^6 + 2^8 + 1^2 + 0^0 \\ = 87 \times 6 + 54 \times 3 - 2 + 1 \times 0!.$$

$$\bullet 684 = 8^1 - 7^5 + 6^3 + 5^4 + 4^7 + 3^0 + 2^8 + 1^6 + 0^2 \\ = (8 + 7 + 65 - 4) \times 3^2 + 1 \times 0.$$

$$\bullet 685 = 8^0 - 7^5 + 6^3 + 5^4 + 4^7 + 3^2 + 2^8 + 1^6 + 0^1 \\ = 87 \times 6 - 5 + (4! - 3) \times (-2 + 10).$$

$$\bullet 686 = 8^4 + 7^1 - 6^5 + 5^3 + 4^6 + 3^2 + 2^7 + 1^0 + 0^8 \\ = -8 + 76 + 5^4 - 3 - 2 - 1 - 0!.$$

$$\bullet 687 = -8^3 - 7^2 + 6^0 + 5^1 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5 \\ = -8 + 76 + 5^4 - 3 - 2 - 1 \times 0!.$$

$$\bullet 688 = -8^3 - 7^2 + 6^1 + 5^0 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5 \\ = -8 + 76 + 5^4 + 3 + 2 - 10.$$

$$\bullet 689 = -8^3 + 7^1 - 6^0 + 5^2 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7 \\ = -8 + 76 + 5^4 - 3 - 2 + 1 \times 0!.$$

$$\bullet 690 = -8^3 + 7^0 + 6^1 + 5^2 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7 \\ = (8 + 7) \times (6 - 5 + 43 + 2) \times 1 \times 0!.$$

$$\bullet 691 = -8^3 + 7^1 + 6^0 + 5^2 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7 \\ = -8 + 76 + 5^4 - 3 + 2 - 1 \times 0!.$$

$$\bullet 692 = 8^1 - 7^5 + 6^3 + 5^4 + 4^7 + 3^2 + 2^8 + 1^0 + 0^6 \\ = 8 \times (76 - 5) + 4 + (-3 - 2 + 10)!.$$

$$\bullet 693 = 8^1 - 7^5 + 6^3 + 5^4 + 4^7 + 3^2 + 2^8 + 1^6 + 0^0 \\ = 8 \times 76 + 54 + 32 - 1 \times 0!.$$

$$\bullet 694 = -8^2 - 7^0 + 6^1 + 5^3 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6 \\ = -8 + 76 + 5^4 + 3 - 2 \times 1 \times 0!.$$

$$\bullet 695 = 8^0 - 7^5 + 6^1 + 5^3 + 4^7 + 3^6 + 2^8 + 1^4 + 0^2 \\ = 8 \times 76 + 54 + 32 + 1 \times 0!.$$

$$\bullet 696 = -8^2 + 7^0 + 6^1 + 5^3 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6 \\ = (-8 + 7 + 6 \times 5) \times 4 \times (3 + 2 + 1) \times 0!.$$

$$\bullet 697 = -8^2 + 7^1 + 6^0 + 5^3 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6 \\ = 8 + 76 \times (5 + 4) - 3 - 2 + 10.$$

$$\bullet 698 = -8^3 - 7^0 + 6^2 + 5^1 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7 \\ = -8 + 76 + 5^4 - 3 - 2 + 10.$$

$$\bullet 699 = 8^1 - 7^3 + 6^2 + 5^4 + 4^0 + 3^5 + 2^7 + 1^8 + 0^6 \\ = 87 - 6 + 5^4 - 3 - 2 - 1 - 0!.$$

$$\bullet 700 = -8^3 + 7^0 + 6^2 + 5^1 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7 \\ = 87 - 6 + 5^4 - 3 - 2 - 1 \times 0!.$$

$$\bullet 701 = -8^3 + 7^5 + 6^0 - 5^6 + 4^1 + 3^2 + 2^4 + 1^8 + 0^7 \\ = -8 + 76 + 5^4 + 3^2 - 1 \times 0!.$$

$$\bullet 702 = -8^3 + 7^1 + 6^2 + 5^0 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7 \\ = 8 + 76 + 5^4 - 3 - 2 - 1 - 0!.$$

$$\bullet 703 = -8^3 + 7^4 - 6^5 + 5^2 + 4^0 + 3^8 + 2^1 + 1^7 + 0^6 \\ = 8 + 7 + 6! - 54 + 32 - 10.$$

$$\bullet 704 = -8^1 - 7^3 + 6^2 + 5^0 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7 \\ = 8 \times 7 + 6! - (5 + 4) \times (3^2 - 1) \times 0!.$$

$$\bullet 705 = -8^0 - 7^3 + 6^1 + 5^2 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7 \\ = 8 \times 7 + 654 + 3 + 2 - 10.$$

$$\bullet 706 = 8^4 + 7^1 - 6^5 + 5^2 + 4^6 + 3^0 + 2^8 + 1^7 + 0^3 \\ = 8 + 76 + 5^4 - 3 + 2 - 1 - 0!.$$

$$\bullet 707 = 8^0 - 7^3 + 6^1 + 5^2 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7 \\ = 87 - 6 + 5^4 + 3 - 2 + 1 - 0!.$$

$$\bullet 708 = 8^4 + 7^1 - 6^5 + 5^0 + 4^6 + 3^3 + 2^8 + 1^7 + 0^2 \\ = 8 + 76 + 5^4 - 3 + 2 + 1 - 0!.$$

$$\bullet 709 = 8^1 - 7^3 + 6^0 + 5^2 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7 \\ = 8 \times 7 + 654 + 3^2 - 10.$$

$$\bullet 710 = -8^4 - 7^1 + 6^3 + 5^0 + 4^6 + 3^5 + 2^8 + 1^7 + 0^2 \\ = 8 + 765 - 43 - 2 \times 10.$$

$$\bullet 711 = 8^0 - 7^2 + 6^1 + 5^3 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6 \\ = 8 + 765 - 4^3 + 2 \times 1 \times 0!.$$

$$\bullet 712 = -8^3 - 7^5 + 6^2 + 5^4 + 4^7 + 3^6 + 2^8 + 1^0 + 0^1 \\ = 8 + 76 + 5^4 + 3 \times (2 - 1) \times 0!.$$

$$\bullet 713 = -8^3 + 7^2 + 6^0 + 5^1 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7 \\ = 8 + 76 + 5^4 + 3 + 2 - 1 \times 0!.$$

$$\bullet 714 = -8^3 + 7^2 + 6^1 + 5^0 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7 \\ = 87 - 6 + 5^4 + 3 + (2 + 1)! - 0!.$$

$$\bullet 715 = -8^0 - 7^3 + 6^2 + 5^1 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7 \\ = 87 + 6 + 5^4 - 3! + 2 + 1 \times 0!.$$

$$\bullet 716 = -8^2 - 7^5 + 6^3 + 5^0 + 4^7 + 3^6 + 2^8 + 1^4 + 0^1 \\ = 87 + 6 + 5^4 - 3!/(2 + 1) \times 0!.$$

$$\bullet 717 = 8^0 - 7^3 + 6^2 + 5^1 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7 \\ = 87 + 6 + 5^4 - 3/(2 + 1) \times 0!.$$

$$\bullet 718 = -8^1 + 7^0 + 6^2 + 5^3 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 87 + 6 + 5^4 \times 3/(2 + 1) \times 0!.$$

$$\bullet 719 = 8^0 - 7^1 + 6^2 + 5^3 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = (8 + 7 + 65) \times (4 + 3 + 2) - 1 \times 0!.$$

$$\bullet 720 = 8^1 - 7^3 + 6^2 + 5^0 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7 \\ = 8 \times (76 + 5 + 4 - 3 - 2 + 10).$$

$$\bullet 721 = -8^4 + 7^3 + 6^0 + 5^1 + 4^6 + 3^5 + 2^7 + 1^8 + 0^2 \\ = (8 + 7 + 65) \times (4 + 3 + 2) + 1 \times 0!.$$

$$\bullet 722 = -8^4 + 7^3 + 6^1 + 5^0 + 4^6 + 3^5 + 2^7 + 1^8 + 0^2 \\ = -87 + 65 + 4! \times (32 - 1) \times 0!.$$

$$\bullet 723 = 8^3 - 7^5 + 6^0 + 5^4 + 4^7 + 3^1 + 2^2 + 1^8 + 0^6 \\ = 87 + 654 + 3 - 21 \times 0!.$$

$$\bullet 724 = -8^4 + 7^1 + 6^3 + 5^0 + 4^6 + 3^5 + 2^8 + 1^7 + 0^2 \\ = 87 + 6 + 5^4 + 3 + 2 + 1 \times 0!.$$

$$\bullet 725 = 8^2 - 7^3 + 6^1 + 5^4 + 4^0 + 3^5 + 2^7 + 1^8 + 0^6 \\ = 8 \times 7 + 654 + 3 + 2 + 10.$$

$$\bullet 726 = 8^3 - 7^5 + 6^1 + 5^4 + 4^7 + 3^0 + 2^2 + 1^8 + 0^6 \\ = 8 - 7 + 6! + 5 \times 4 - 3 - 2 - 10.$$

$$\bullet 727 = 8^3 - 7^5 + 6^0 + 5^4 + 4^7 + 3^2 + 2^1 + 1^8 + 0^6 \\ = 87 + 6 + 5^4 + 3 \times (2 + 1) \times 0!.$$

$$\bullet 728 = 8^4 + 7^2 - 6^5 + 5^1 + 4^6 + 3^0 + 2^8 + 1^7 + 0^3 \\ = 8 \times 76 + (5 - 4) \times (-3 - 2 + 10)!.$$

$$\bullet 729 = -8^1 + 7^2 - 6^0 + 5^3 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = (8 + 76 + 5 - 4^3 + 2)(1 + 0!).$$

$$\bullet 730 = -8^1 - 7^0 - 6^4 + 5^2 + 4^5 + 3^6 + 2^8 + 1^7 + 0^3 \\ = 8 \times 7 + 6! + 5 - 43 + 2 - 10.$$

$$\bullet 731 = -8^1 + 7^2 + 6^0 + 5^3 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 87 \times 6 - (5 - 4)^3 + 210.$$

$$\bullet 732 = 8^1 - 7^5 + 6^2 + 5^3 + 4^7 + 3^6 + 2^8 + 1^0 + 0^4 \\ = 8 + 7 + 6! - 5 + 4 - 3 + 2 - 1 \times 0!.$$

$$\bullet 733 = 8^0 + 7^1 + 6^2 + 5^3 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 87 \times 6 + (5 - 4)^3 + 210.$$

$$\bullet 734 = 8^1 + 7^0 + 6^2 + 5^3 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 8 \times 76 + 5! + 4 - 3! - 2 + 10.$$

$$\bullet 735 = -8^4 - 7^1 + 6^3 + 5^2 + 4^6 + 3^5 + 2^8 + 1^7 + 0^0 \\ = 8 + 765 + 4 - 32 - 10.$$

$$\bullet 736 = 8^1 + 7^2 + 6^4 - 5^5 + 4^3 + 3^7 + 2^8 + 1^0 + 0^6 \\ = 876 - 5 \times (4 + 3 \times (-2 + 10)).$$

$$\bullet 737 = 8^0 - 7^2 + 6^3 + 5^1 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 8 \times (7 - 6) + (5 + 4)^3 \times (2 - 1) \times 0!.$$

$$\bullet 738 = 8^1 + 7^2 + 6^3 - 5^4 + 4^5 + 3^0 + 2^6 + 1^8 + 0^7 \\ = -8 - 7 + 6! + 5 - 4 + 32 - 1 + 0!.$$

$$\bullet 739 = -8^4 + 7^3 - 6^0 + 5^2 + 4^6 + 3^5 + 2^7 + 1^8 + 0^1 \\ = 8 - 7 + 6 - 5! + 4 \times (3 + 210).$$

$$\bullet 740 = 8^2 - 7^5 + 6^3 + 5^4 + 4^7 + 3^0 + 2^8 + 1^6 + 0^1 \\ = -8 - 7 \times 6 + (5! - 43 + 2) \times 10.$$

$$\bullet 741 = -8^4 + 7^3 + 6^0 + 5^2 + 4^6 + 3^5 + 2^7 + 1^8 + 0^1 \\ = 87 + 654 + 321 \times 0.$$

$$\bullet 742 = -8^4 + 7^0 + 6^3 + 5^2 + 4^6 + 3^5 + 2^8 + 1^7 + 0^1 \\ = 876 - (5 + 4 + 3)^2 + 10.$$

$$\bullet 743 = -8^0 + 7^2 + 6^1 + 5^3 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 87 + 6 \times 5 - 4 + 3 \times 210.$$

$$\bullet 744 = -8^3 + 7^4 - 6^5 + 5^0 + 4^1 + 3^8 + 2^6 + 1^7 + 0^2 \\ = 87 + 654 + 3 + 2 - 1 - 0!.$$

$$\bullet 745 = 8^0 + 7^2 + 6^1 + 5^3 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 87 + 654 + 3 + 2 \times 1 - 0!.$$

$$\bullet 746 = -8^4 + 7^3 + 6^1 + 5^2 + 4^6 + 3^5 + 2^7 + 1^0 + 0^8 \\ = 87 + 654 + 3 + 2 + 1 - 0!.$$

$$\bullet 747 = 8^1 + 7^2 + 6^0 + 5^3 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 87 + 654 + 3 + 2 + 1 \times 0!.$$

$$\bullet 748 = -8^4 + 7^1 + 6^3 + 5^2 + 4^6 + 3^5 + 2^8 + 1^0 + 0^7 \\ = 8 \times (76 - 5) - 4! - 3! + 210.$$

$$\bullet 749 = -8^4 + 7^1 + 6^3 + 5^2 + 4^6 + 3^5 + 2^8 + 1^7 + 0^0 \\ = -8 + 7 + (6 + 5 + 4) \times (3 + 2) \times 10.$$

$$\bullet 750 = 8^4 + 7^2 - 6^5 + 5^0 + 4^6 + 3^3 + 2^8 + 1^7 + 0^1 \\ = -8 + 765 - 4 - 3 + 21 \times 0.$$

$$\bullet 751 = 8^2 - 7^5 - 6^0 + 5^3 + 4^7 + 3^6 + 2^8 + 1^4 + 0^1 \\ = -8 + 765 + 4 \times (3 - 2) - 10.$$

$$\bullet 752 = -8^4 + 7^3 + 6^2 + 5^0 + 4^6 + 3^5 + 2^7 + 1^8 + 0^1 \\ = 8 \times (7 - 6 + 54 - 3! - 2) \times (1 + 0!).$$

$$\bullet 753 = 8^2 - 7^5 + 6^0 + 5^3 + 4^7 + 3^6 + 2^8 + 1^4 + 0^1 \\ = -87 - 6 + 5! - 4 + (3 \times 2!) + 10.$$

$$\bullet 754 = -8^3 + 7^0 + 6^1 + 5^2 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6 \\ = 8 + 7 + 6! + 5 + 4 + 3^2 + 1 \times 0!.$$

$$\bullet 755 = -8^3 + 7^1 + 6^0 + 5^2 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6 \\ = 8 - 7 + 6! + 5 + 4! + 3 \times 2 - (1 \times 0)!.$$

$$\bullet 756 = -8^4 + 7^3 + 6^2 + 5^1 + 4^6 + 3^5 + 2^7 + 1^0 + 0^8 \\ = (8 + 7 + 65 + 4) \times 3^2 + 1 \times 0.$$

$$\bullet 757 = -8^4 + 7^3 + 6^2 + 5^1 + 4^6 + 3^5 + 2^7 + 1^8 + 0^0 \\ = 8 - 7 + 6! + 5 + 4! + 3 \times 2 + (1 \times 0)!.$$

$$\bullet 758 = 8^2 - 7^5 + 6^1 + 5^3 + 4^7 + 3^6 + 2^8 + 1^0 + 0^4 \\ = 8 - 7 + 6! + 5 + 4! + 3 \times 2 + 1 + 0!.$$

$$\bullet 759 = 8^3 - 7^5 + 6^4 + 5^6 + 4^0 + 3^1 + 2^7 + 1^8 + 0^2 \\ = 87 + 6 - 54 + 3!! + 21 \times 0.$$

$$\bullet 760 = 8^2 + 7^0 + 6^1 + 5^3 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = -87 + 6! + 5! + 4 + 3 \times (2 - 1) \times 0!.$$

$$\bullet 761 = 8^2 + 7^1 + 6^0 + 5^3 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = (8 + 76) \times (5 + 4) - 3 - 2 + 10.$$

$$\bullet 762 = -8^3 + 7^0 + 6^1 + 5^2 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5 \\ = (8 + 7 + (65 - 4) \times 3!) \times 2 + 1 \times 0.$$

$$\begin{aligned} \bullet 763 &= -8^3 + 7^1 + 6^0 + 5^2 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5 \\ &= -8 + 7 + 6! + 5 + (4 + 3)^2 - 10. \end{aligned}$$

$$\begin{aligned} \bullet 764 &= -8^3 + 7^0 + 6^2 + 5^1 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6 \\ &= 8 - 7 - 65 + 4 \times (-3 + 210). \end{aligned}$$

$$\begin{aligned} \bullet 765 &= 8^3 - 7^5 + 6^4 + 5^6 + 4^0 + 3^2 + 2^7 + 1^8 + 0^1 \\ &= 87 + 654 + 3 + 21 \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 766 &= -8^4 + 7^2 + 6^3 + 5^0 + 4^6 + 3^5 + 2^8 + 1^7 + 0^1 \\ &= -8 - 7 + 6! + 5 + 4! + 32 \times 1 \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 767 &= -8^3 - 7^5 + 6^0 + 5^6 + 4^2 + 3^7 + 2^8 + 1^4 + 0^1 \\ &= -8 - 7 + 65 \times 4 \times 3 + 2 + 1 \times 0. \end{aligned}$$

$$\begin{aligned} \bullet 768 &= 8^3 - 7^5 + 6^4 + 5^6 + 4^1 + 3^2 + 2^7 + 1^0 + 0^8 \\ &= 8 + 76 + 54 + 3 \times 210. \end{aligned}$$

$$\begin{aligned} \bullet 769 &= 8^3 - 7^5 + 6^4 + 5^6 + 4^1 + 3^2 + 2^7 + 1^8 + 0^0 \\ &= (8 - 7)^{65} + 4! \times 32 \times 1 \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 770 &= -8^4 + 7^2 + 6^3 + 5^1 + 4^6 + 3^5 + 2^8 + 1^0 + 0^7 \\ &= (8 - 7 + 6) \times 5 \times (43 - 21) \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 771 &= -8^4 + 7^2 + 6^3 + 5^1 + 4^6 + 3^5 + 2^8 + 1^7 + 0^0 \\ &= -8 + (76 + 5!) \times 4 + 3 + 2 - 10. \end{aligned}$$

$$\begin{aligned} \bullet 772 &= -8^3 + 7^0 + 6^2 + 5^1 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5 \\ &= 87 + 6! + 5 \times (4 - 3^2) - 10. \end{aligned}$$

$$\begin{aligned} \bullet 773 &= -8^5 - 7^2 + 6^4 + 5^6 + 4^7 + 3^3 + 2^8 + 1^1 + 0^0 \\ &= 8 \times 7 \times 6 + 5! - 4 + 321 \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 774 &= -8^3 + 7^1 + 6^2 + 5^0 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5 \\ &= (87 + 6) \times (5 + 4) - 3 \times 21 \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 775 &= 8^3 - 7^5 + 6^4 + 5^6 + 4^2 + 3^1 + 2^7 + 1^8 + 0^0 \\ &= 8 - 7 + 6! - 5 + (4 + 3)^2 + 10. \end{aligned}$$

$$\begin{aligned} \bullet 776 &= 8^2 + 7^0 - 6^4 + 5^3 + 4^5 + 3^6 + 2^7 + 1^8 + 0^1 \\ &= 8 + 765 - 4! + 3! + 21 \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 777 &= -8^3 + 7^2 + 6^0 + 5^1 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6 \\ &= 8 \times (7 \times 6 + 54) - 3 + 2 + 10. \end{aligned}$$

$$\begin{aligned} \bullet 778 &= -8^3 + 7^2 + 6^1 + 5^0 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6 \\ &= 876 - 5! + 43 - 21 \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 779 &= 8^0 - 7^4 - 6^3 + 5^5 + 4^1 + 3^2 + 2^8 + 1^7 + 0^6 \\ &= -8 + 7 + 6! + 5 \times 4 \times 3 + 21 \times 0. \end{aligned}$$

$$\begin{aligned} \bullet 780 &= -8^1 - 7^0 + 6^2 + 5^3 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6 \\ &= 876 - 54 - 32 - 10. \end{aligned}$$

$$\begin{aligned} \bullet 781 &= -8^0 - 7^1 + 6^2 + 5^3 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6 \\ &= 8 + 765 + 4 + 3 + 2 - 1 \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 782 &= -8^1 + 7^0 + 6^2 + 5^3 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6 \\ &= 8 + 765 - 4! + 32 + 1 \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 783 &= 8^3 - 7^5 + 6^0 + 5^4 + 4^7 + 3^1 + 2^6 + 1^8 + 0^2 \\ &= 8 \times 7 \times 6 + 5 + 432 + 10. \end{aligned}$$

$$\begin{aligned} \bullet 784 &= -8^2 - 7^0 + 6^3 + 5^1 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6 \\ &= 87 + 6 - 5 - 4 + 3!! - 2 \times 10. \end{aligned}$$

$$\begin{aligned} \bullet 785 &= -8^3 + 7^2 + 6^0 + 5^1 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5 \\ &= -8 + 765 - 4 + 32 \times 1 \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 786 &= -8^3 + 7^2 + 6^1 + 5^0 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5 \\ &= 8 + 765 + 4 \times 3 + 2 - 1 \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 787 &= -8^3 - 7^5 + 6^2 + 5^6 + 4^4 + 3^7 + 2^0 + 1^8 + 0^1 \\ &= 87 + 6! - 5 + 4 - 3^2 - 10. \end{aligned}$$

$$\begin{aligned} \bullet 788 &= -8^2 + 7^1 + 6^3 + 5^0 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6 \\ &= (8 - 7) \times 6! + 5 + 43 + 2 \times 10. \end{aligned}$$

$$\begin{aligned} \bullet 789 &= 8^3 - 7^5 + 6^0 + 5^4 + 4^7 + 3^2 + 2^6 + 1^8 + 0^1 \\ &= -8 + 765 + 4 \times 3 + 2 \times 10. \end{aligned}$$

$$\begin{aligned} \bullet 790 &= -8^3 - 7^5 + 6^2 + 5^6 + 4^1 + 3^7 + 2^8 + 1^0 + 0^4 \\ &= -87 + 6! + (5^4 + 3)/(2 + 1 + 0!). \end{aligned}$$

$$\begin{aligned} \bullet 791 &= -8^3 - 7^5 + 6^2 + 5^6 + 4^1 + 3^7 + 2^8 + 1^4 + 0^0 \\ &= 8 + 7 + 6! + 54 - 3! - 2 + 10. \end{aligned}$$

$$\begin{aligned} \bullet 792 &= 8^4 - 7^1 - 6^5 + 5^3 + 4^6 + 3^0 + 2^8 + 1^7 + 0^2 \\ &= (8 + 7) \times (65 - 4 \times 3) - 2 - 1 \times 0!. \end{aligned}$$

$$\begin{aligned} \bullet 793 &= -8^2 - 7^4 + 6^0 + 5^5 + 4^3 + 3^1 + 2^6 + 1^8 + 0^7 \\ &= (8 + 7) \times (65 - 4 \times 3) - 2 \times 1 \times 0!. \end{aligned}$$

- $794 = 8^3 - 7^5 + 6^1 + 5^4 + 4^7 + 3^2 + 2^6 + 1^0 + 0^8$
 $= (8 + 7) \times (65 - 4 \times 3) - 2 + 1 \times 0!$
- $795 = -8^1 + 7^2 + 6^0 + 5^3 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -8 - 7 + 6 \times 5! + (43 + 2) \times (1 + 0!).$
- $796 = 8^1 - 7^0 + 6^2 + 5^3 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -8 + 76 \times (5 + 4) + (-3 - 2 + 10)!$
- $797 = 8^0 + 7^1 + 6^2 + 5^3 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -8 + 765 + 43 - 2 - 1 \times 0!$
- $798 = 8^1 + 7^0 + 6^2 + 5^3 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -8 + 765 + 43 - 2 + 1 \times 0.$
- $799 = 8^0 - 7^1 + 6^3 + 5^2 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= -8 + 765 + 43 - 2 + 1 \times 0!$
- $800 = -8^1 - 7^3 + 6^2 + 5^0 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= (-8 - 7 + 65) \times 4 \times (3 + (21 \times 0)!).$
- $801 = 8^0 - 7^2 + 6^3 + 5^1 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 87 - 6 + (5 - 4 - 3 - 2 + 10)!.$
- $802 = -8^5 + 7^1 + 6^4 + 5^6 + 4^7 + 3^0 + 2^8 + 1^3 + 0^2$
 $= 8 - 7 + 6! + 54 + 3! + 21 \times 0!$
- $803 = 8^0 - 7^3 + 6^1 + 5^2 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= -87 + 65 \times 4 + 3 \times 210.$
- $804 = -8^5 + 7^0 + 6^4 + 5^6 + 4^7 + 3^2 + 2^8 + 1^3 + 0^1$
 $= 8 + 765 + 43 - 2 - 10.$
- $805 = 8^1 - 7^3 + 6^0 + 5^2 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 876 - 5 - 4! - 32 - 10.$
- $806 = 8^4 + 7^1 - 6^5 + 5^3 + 4^6 + 3^0 + 2^8 + 1^7 + 0^2$
 $= (8 \times 7 + 6) \times (-5 + 4! - 3 \times 2) \times 1 \times 0!.$
- $807 = -8^0 + 7^2 + 6^1 + 5^3 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 + 7 + 65 + 4 + 3 + (2 + 1 \times 0)!!$
- $808 = -8^3 - 7^2 + 6^1 + 5^0 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= 8 \times 76 - 5! + 4^3/2 \times 10.$
- $809 = 8^0 + 7^2 + 6^1 + 5^3 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -8 + 7 + 6! + 5! - 4! - 3! \times (2 - 1) \times 0!.$
- $810 = -8^5 + 7^1 + 6^4 + 5^6 + 4^7 + 3^2 + 2^8 + 1^0 + 0^3$
 $= (-8 + 76 + 5 + 4 + 3! - 2) \times 10.$
- $811 = 8^1 + 7^2 + 6^0 + 5^3 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -8 \times 7 + 654 + 3 + 210.$
- $812 = 8^1 - 7^5 + 6^3 + 5^2 + 4^7 + 3^6 + 2^8 + 1^0 + 0^4$
 $= 8 + 76 \times (5 + 4) + (-3 - 2 + 10)!.$
- $813 = 8^0 + 7^1 + 6^3 + 5^2 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 + 765 + 43 - 2 - 1 \times 0!.$
- $814 = 8^1 + 7^0 + 6^3 + 5^2 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 + 765 + 43 - 2 + 1 \times 0.$
- $815 = -8^5 - 7^1 + 6^4 + 5^6 + 4^7 + 3^3 + 2^8 + 1^2 + 0^0$
 $= 8 + 765 + 43 - 2 + 1 \times 0!.$
- $816 = 8^3 - 7^5 + 6^2 + 5^4 + 4^7 + 3^0 + 2^6 + 1^8 + 0^1$
 $= (8 + 7 + 65 \times 4 - 3) \times (2 + 1 \times 0!).$
- $817 = -8^2 - 7^4 + 6^0 + 5^1 + 4^5 + 3^7 + 2^6 + 1^8 + 0^3$
 $= 8 \times (-7 - 6 + 5!) + 4! - 3 \times 21 \times 0!.$
- $818 = 8^3 - 7^5 + 6^2 + 5^4 + 4^7 + 3^1 + 2^6 + 1^0 + 0^8$
 $= -8 \times (7 + 6 - 5!) + 4! - 3 \times 21 + 0!.$
- $819 = 8^3 - 7^5 + 6^2 + 5^4 + 4^7 + 3^1 + 2^6 + 1^8 + 0^0$
 $= ((8 + 7) \times 6 + 5 - 4) \times (3! + 2 + 1) \times 0!.$
- $820 = -8^5 - 7^0 + 6^4 + 5^6 + 4^7 + 3^3 + 2^8 + 1^2 + 0^1$
 $= 876 - 5! + 43 + 21 \times 0!.$
- $821 = -8^2 - 7^4 + 6^0 + 5^5 + 4^1 + 3^3 + 2^7 + 1^8 + 0^6$
 $= 8 \times 7 + 6 + 5 + 4! + (3 \times 2)! + 10.$
- $822 = -8^5 + 7^0 + 6^4 + 5^6 + 4^7 + 3^3 + 2^8 + 1^2 + 0^1$
 $= -8 + 7 \times (-6 + 5!) + 4 \times 3 + 2 \times 10.$
- $823 = 8^0 - 7^3 + 6^2 + 5^4 + 4^1 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 876 - 54 - 3 + 2 + 1 + 0!.$
- $824 = 8^2 + 7^0 + 6^1 + 5^3 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 \times 76 + 5! - 4! + (-3 - 2 + 10)!.$

- $825 = 8^2 + 7^1 + 6^0 + 5^3 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 876 - 54 + 3 + 21 \times 0.$
- $826 = 8^1 - 7^4 - 6^2 + 5^5 + 4^3 + 3^0 + 2^6 + 1^8 + 0^7$
 $= 87 + 6! + 5 - 4 + 3! + 2 + 10.$
- $827 = 8^1 - 7^3 + 6^2 + 5^4 + 4^0 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 876 - 5 - 43 - 2 + 1 \times 0!.$
- $828 = -8^5 + 7^1 + 6^4 + 5^6 + 4^7 + 3^3 + 2^8 + 1^0 + 0^2$
 $= 8 + 76 + 5^4 + (3 + 2)! - 1 \times 0!.$
- $829 = -8^5 + 7^1 + 6^4 + 5^6 + 4^7 + 3^3 + 2^8 + 1^2 + 0^0$
 $= 876 - 5 \times (4 + 3) - 2 - 10.$
- $830 = 8^3 - 7^5 + 6^1 + 5^0 + 4^7 + 3^6 + 2^2 + 1^8 + 0^4$
 $= -8 - 7 + 65 \times (4 + 3^2) + 1 \times 0.$
- $831 = -8^3 - 7^2 + 6^0 + 5^4 + 4^1 + 3^6 + 2^5 + 1^8 + 0^7$
 $= (8 + 7) \times 65 - 4! \times 3 \times 2 + 1 \times 0.$
- $832 = -8^3 + 7^4 - 6^5 + 5^2 + 4^1 + 3^8 + 2^7 + 1^0 + 0^6$
 $= 8 \times (7 + 6 + 5 + 4! + 3 \times 21 - 0!).$
- $833 = -8^0 + 7^2 + 6^3 + 5^1 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 876 - 5 \times (4 + 3) + 2 - 10.$
- $834 = -8^2 - 7^3 + 6^1 + 5^0 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= 87 \times 6 + 5 \times 4^3 + 2 - 10.$
- $835 = 8^0 + 7^2 + 6^3 + 5^1 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 - 7 - 6 + 5 \times 4 \times (32 + 10).$
- $836 = 8^1 + 7^0 - 6^3 + 5^2 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= (8 + 7 + 65 - 4) \times (3! \times 2 - 1 \times 0!).$
- $837 = -8^1 - 7^4 + 6^0 + 5^2 + 4^5 + 3^7 + 2^3 + 1^8 + 0^6$
 $= 8 + 76 + 543 + 210.$
- $838 = 8^1 + 7^2 + 6^3 + 5^0 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 + 7 \times (-6 + 5!) + 4 \times 3 + 2 \times 10.$
- $839 = 8^0 - 7^4 + 6^1 + 5^5 + 4^2 + 3^3 + 2^6 + 1^8 + 0^7$
 $= -8 + (7 + 65 \times 4!) - (3! + 2 - 1 - 0!)!.$
- $840 = -8^2 - 7^5 + 6^4 + 5^0 + 4^7 + 3^3 + 2^1 + 1^8 + 0^6$
 $= 876 - 54 - 3 + 21 \times 0!.$
- $841 = 8^3 - 7^5 + 6^0 + 5^1 + 4^7 + 3^6 + 2^4 + 1^8 + 0^2$
 $= (8 - 7)^6 + 5 \times 4 \times (32 + 10).$
- $842 = 8^3 - 7^5 + 6^1 + 5^0 + 4^7 + 3^6 + 2^4 + 1^8 + 0^2$
 $= 87 + 6! - 5 \times (4 - 3^2) + 10.$
- $843 = -8^2 - 7^5 + 6^4 + 5^1 + 4^7 + 3^3 + 2^0 + 1^8 + 0^6$
 $= 8 + 7 + (65 + 4) \times 3! \times (2 + 1 \times 0).$
- $844 = -8^5 + 7^2 + 6^4 + 5^6 + 4^7 + 3^0 + 2^8 + 1^3 + 0^1$
 $= 8 \times 76 + 5! - 4 + (-3 - 2 + 10)!.$
- $845 = -8^1 - 7^4 + 6^2 + 5^5 + 4^0 + 3^3 + 2^6 + 1^8 + 0^7$
 $= 876 + 5 - 4 - 32 \times 1 \times 0!.$
- $846 = -8^5 + 7^2 + 6^4 + 5^6 + 4^7 + 3^1 + 2^8 + 1^0 + 0^3$
 $= 876 + 5 - 43 - 2 + 10.$
- $847 = -8^5 + 7^2 + 6^4 + 5^6 + 4^7 + 3^1 + 2^8 + 1^3 + 0^0$
 $= -8 + 7 \times 6 \times 5 \times 4 + 3 + 2 + 10.$
- $848 = 8^2 - 7^5 + 6^3 + 5^1 + 4^7 + 3^6 + 2^8 + 1^0 + 0^4$
 $= 876 - 5 - 4 - 3^2 - 10.$
- $849 = -8^4 + 7^3 + 6^0 + 5^1 + 4^6 + 3^5 + 2^8 + 1^7 + 0^2$
 $= 876 - 5 \times (4 + 3) - 2 + 10.$
- $850 = 8^2 + 7^0 + 6^3 + 5^1 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= (-8 + 7 + 6 + 5) \times (4^3 + 21 \times 0!).$
- $851 = 8^3 - 7^5 + 6^1 + 5^2 + 4^7 + 3^6 + 2^0 + 1^8 + 0^4$
 $= (8 - 7) \times 6! + 5! + 4 \times 3 - 2 + 1 \times 0!.$
- $852 = 8^2 + 7^1 + 6^3 + 5^0 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 \times 76 + 5! + 4 + (-3 - 2 + 10)!.$
- $853 = 8^2 - 7^3 + 6^1 + 5^4 + 4^0 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 87 + 6 + (-5 + 43) \times 2 \times 10.$
- $854 = 8^1 + 7^0 - 6^2 + 5^3 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 876 \times (5 - 4) - 32 + 10.$
- $855 = -8^1 - 7^4 + 6^0 + 5^5 + 4^3 + 3^2 + 2^6 + 1^8 + 0^7$
 $= (8 + 7) \times (65 - 4 - 3! + 2 + 1 \times 0).$

$$\bullet 856 = -8^1 - 7^3 + 6^2 + 5^0 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7 \\ = (8 + 7) \times (6 + 5 + 43 + 2 + 1) + 0!.$$

$$\bullet 857 = 8^0 - 7^4 + 6^2 + 5^5 + 4^1 + 3^3 + 2^6 + 1^8 + 0^7 \\ = 876 - 5 + 4 - 3! \times (2 + 1) \times 0!.$$

$$\bullet 858 = 8^3 - 7^5 + 6^2 + 5^0 + 4^7 + 3^6 + 2^1 + 1^8 + 0^4 \\ = 876 + 5! - 4 \times 32 - 10.$$

$$\bullet 859 = 8^0 - 7^3 + 6^1 + 5^2 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7 \\ = (8 + 7) \times 65 + (4 - (3 + 2)!) \times 1 \times 0!.$$

$$\bullet 860 = -8^2 - 7^4 + 6^1 + 5^5 + 4^3 + 3^0 + 2^7 + 1^8 + 0^6 \\ = (8 + 7) \times 65 + 4 - (3 + 2)! + 1 \times 0!.$$

$$\bullet 861 = 8^3 - 7^5 + 6^2 + 5^1 + 4^7 + 3^6 + 2^0 + 1^8 + 0^4 \\ = 8 + 7 + 65 \times 4! + 3! - (2 + 1 \times 0)!!!.$$

$$\bullet 862 = -8^1 + 7^0 + 6^3 + 5^2 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6 \\ = -87 \times (6 + 5 - 4! + 3) + 2 - 10.$$

$$\bullet 863 = 8^0 - 7^1 + 6^3 + 5^2 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6 \\ = 876 + 5 \times 4 - 32 - 1 \times 0!.$$

$$\bullet 864 = 8^1 - 7^4 + 6^2 + 5^0 + 4^5 + 3^7 + 2^3 + 1^8 + 0^6 \\ = 8 \times (76 + 54 - 32 + 10).$$

$$\bullet 865 = 8^0 - 7^2 - 6^3 + 5^4 + 4^1 + 3^5 + 2^8 + 1^7 + 0^6 \\ = (-8 + 7 + 6) \times (5 + 4 \times (32 + 10)).$$

$$\bullet 866 = 8^3 - 7^5 + 6^1 + 5^2 + 4^7 + 3^6 + 2^4 + 1^0 + 0^8 \\ = 87 + 6! - 5 + 43 + 21 \times 0!.$$

$$\bullet 867 = 8^3 - 7^5 + 6^1 + 5^2 + 4^7 + 3^6 + 2^4 + 1^8 + 0^0 \\ = 8 \times 7 \times 6 + 543 - 2 - 10.$$

$$\bullet 868 = 8^2 + 7^3 - 6^4 + 5^0 + 4^5 + 3^6 + 2^1 + 1^8 + 0^7 \\ = 8 + 76 \times 5 + 4 \times (-3 - 2 + 10)!.$$

$$\bullet 869 = -8^4 + 7^3 + 6^0 + 5^2 + 4^6 + 3^5 + 2^8 + 1^7 + 0^1 \\ = 8 \times 76 + 54 - 3 + 210.$$

$$\bullet 870 = -8^5 + 7^2 + 6^4 + 5^6 + 4^7 + 3^3 + 2^8 + 1^0 + 0^1 \\ = 876 + 5 + 4 - 3 - 2 - 10.$$

$$\bullet 871 = -8^5 + 7^2 + 6^4 + 5^6 + 4^7 + 3^3 + 2^8 + 1^1 + 0^0 \\ = 876 - 5 + 4321 \times 0.$$

$$\bullet 872 = 8^3 - 7^5 + 6^2 + 5^0 + 4^7 + 3^6 + 2^4 + 1^8 + 0^1 \\ = 876 + 5 \times 4 - 3 - 21 \times 0!.$$

$$\bullet 873 = -8^4 - 7^3 - 6^1 + 5^5 + 4^0 + 3^7 + 2^2 + 1^8 + 0^6 \\ = 87 + 65 + 4 + 3!! - 2 - 1 \times 0!.$$

$$\bullet 874 = -8^4 + 7^3 + 6^1 + 5^2 + 4^6 + 3^5 + 2^8 + 1^0 + 0^7 \\ = 8 + 7 - 6 + 5 + 43 \times 2 \times 10.$$

$$\bullet 875 = -8^4 + 7^3 + 6^1 + 5^2 + 4^6 + 3^5 + 2^8 + 1^7 + 0^0 \\ = (-87 - 6 + 5^4) \times 3 - (2 + 1)!! - 0!.$$

$$\bullet 876 = 8^3 - 7^5 + 6^2 + 5^1 + 4^7 + 3^6 + 2^4 + 1^0 + 0^8 \\ = (8 + 76) \times (5 + 4) + (-3 - 2 + 10)!.$$

$$\bullet 877 = 8^0 + 7^1 + 6^3 + 5^2 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6 \\ = (8 + 7) \times 6 - 5 + 4! \times (32 + 1) \times 0!.$$

$$\bullet 878 = 8^1 + 7^0 + 6^3 + 5^2 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6 \\ = (8 - 7 + 6 + 54 \times (3! + 2)) \times (1 + 0)!.$$

$$\bullet 879 = -8^2 - 7^4 + 6^1 + 5^3 + 4^5 + 3^7 + 2^0 + 1^8 + 0^6 \\ = -87 - 6 + 5! + 4 \times (3 + 210).$$

$$\bullet 880 = -8^4 + 7^3 + 6^2 + 5^0 + 4^6 + 3^5 + 2^8 + 1^7 + 0^1 \\ = (8 + 7 + 65) \times (4 + 3! + 2 - 1 \times 0!).$$

$$\bullet 881 = -8^3 + 7^1 - 6^0 + 5^2 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6 \\ = 8 - 7 + 6! + 5 \times (4 \times 3 + 2 \times 10).$$

$$\bullet 882 = -8^3 + 7^0 + 6^1 + 5^2 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6 \\ = (8 + 7 - 6 + 54 \times (3! + 2)) \times (1 + 0)!.$$

$$\bullet 883 = -8^3 + 7^1 + 6^0 + 5^2 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6 \\ = -87 + 6 \times (54 \times 3 - 2) + 10.$$

$$\bullet 884 = -8^5 + 7^3 + 6^4 + 5^6 + 4^7 + 3^0 + 2^1 + 1^8 + 0^2 \\ = 876 + 5 - 4! + 3! + 21 \times 0!.$$

$$\bullet 885 = -8^5 + 7^3 + 6^4 + 5^6 + 4^7 + 3^1 + 2^0 + 1^8 + 0^2 \\ = (8 + 7) \times (65 - 4 \times 3/2) + 1 \times 0.$$

$$\bullet 886 = -8^5 + 7^3 + 6^4 + 5^6 + 4^7 + 3^0 + 2^2 + 1^8 + 0^1 \\ = 87 - 65 + 4 \times 3!(2 + 1) \times 0!.$$

- $887 = 8^3 - 7^5 + 6^4 + 5^6 + 4^0 + 3^1 + 2^8 + 1^7 + 0^2$
 $= 8 \times 7 \times 6 + 543 - 2 + 10.$
- $888 = -8^5 + 7^3 + 6^4 + 5^6 + 4^7 + 3^1 + 2^2 + 1^0 + 0^8$
 $= 8 \times (7 - 6 \times (5 - 43)/2 - 10).$
- $889 = -8^5 + 7^3 + 6^4 + 5^6 + 4^7 + 3^1 + 2^2 + 1^8 + 0^0$
 $= (-8 - 7 + 65 + 4!) \times 3! \times 2 + 1 \times 0!.$
- $890 = 8^2 - 7^4 + 6^1 + 5^0 + 4^5 + 3^7 + 2^3 + 1^8 + 0^6$
 $= 876 - 5 + 4 + 3 + 2 + 10.$
- $891 = -8^5 + 7^3 + 6^4 + 5^6 + 4^7 + 3^2 + 2^0 + 1^8 + 0^1$
 $= (8 + 7) \times (6 + 54) + 3 - 2 - 10.$
- $892 = -8^5 + 7^3 + 6^4 + 5^6 + 4^7 + 3^2 + 2^1 + 1^0 + 0^8$
 $= -87 - 6 + 5^4 + 3 \times ((2 + 1)! - 0!).$
- $893 = -8^5 + 7^3 + 6^4 + 5^6 + 4^7 + 3^2 + 2^1 + 1^8 + 0^0$
 $= 8 + 7 + 6! + 54 \times 3 - 2 - 1 - 0!.$
- $894 = -8^3 + 7^1 + 6^2 + 5^0 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= 876 - 5! + 4 \times 32 + 10.$
- $895 = -8^0 - 7^5 + 6^4 + 5^1 + 4^7 + 3^2 + 2^3 + 1^8 + 0^6$
 $= -8 - 7 + 65 \times (4 \times 3 + 2) + 1 \times 0.$
- $896 = 8^3 - 7^5 + 6^4 + 5^6 + 4^1 + 3^2 + 2^8 + 1^0 + 0^7$
 $= 876 + 5 + 4 + 3 - 2 + 10.$
- $897 = -8^0 + 7^2 + 6^3 + 5^1 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (-87 + 6 + 5^4 \times 3)/2 + 1 - 0!.$
- $898 = -8^3 + 7^0 + 6^1 + 5^4 + 4^2 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 876 \times (5 - 4) + 32 - 10.$
- $899 = 8^0 + 7^2 + 6^3 + 5^1 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 87 + 6! - 5^4 + 3!! - (2 + 1) \times 0!.$
- $900 = 8^3 - 7^5 + 6^4 + 5^6 + 4^2 + 3^0 + 2^8 + 1^7 + 0^1$
 $= 87 + 6! - 5^4 + 3!! - 2 + 1 - 0!.$
- $901 = -8^0 - 7^4 + 6^1 + 5^5 + 4^2 + 3^3 + 2^7 + 1^8 + 0^6$
 $= (8 + 7) \times 65 - 4! \times 3 - 2 + 1 \times 0.$
- $902 = 8^1 + 7^2 + 6^3 + 5^0 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 87 + 6! + 5 \times (-4 + 3 + 2 \times 10).$
- $903 = 8^3 - 7^5 + 6^4 + 5^6 + 4^2 + 3^1 + 2^8 + 1^7 + 0^0$
 $= (8 - 7 + 6 \times 5 + 4 \times 3) \times 21 \times 0!.$
- $904 = -8^1 - 7^4 + 6^2 + 5^0 + 4^5 + 3^7 + 2^6 + 1^8 + 0^3$
 $= (8 + 7) \times (65 - 4) - 3! \times 2 + 1 \times 0!.$
- $905 = -8^3 + 7^2 + 6^0 + 5^1 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= (8 + 7) \times 65 - 4! \times 3 + 2 + 1 \times 0.$
- $906 = -8^3 + 7^2 + 6^1 + 5^0 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= 87 + 6! - 5^4 + 3!! + 2 + 1 + 0!.$
- $907 = 8^0 - 7^4 + 6^1 + 5^2 + 4^5 + 3^7 + 2^6 + 1^8 + 0^3$
 $= 87 + 6! - 5^4 + 3!! + (2 + 1)! - 0!.$
- $908 = -8^1 - 7^0 + 6^2 + 5^3 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 + 7 + 65 + 4 \times (-3 + 210).$
- $909 = 8^1 - 7^4 + 6^0 + 5^2 + 4^5 + 3^7 + 2^6 + 1^8 + 0^3$
 $= (8 + 7) \times 65 - 4^3 - 2 + 1 \times 0.$
- $910 = -8^1 + 7^0 + 6^2 + 5^3 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 \times 7 - 6 + (54 + 32) \times 10.$
- $911 = 8^0 - 7^5 + 6^4 + 5^2 + 4^7 + 3^1 + 2^3 + 1^8 + 0^6$
 $= -8 + 765 + (4 \times 3)^2 + 10.$
- $912 = 8^2 - 7^0 + 6^3 + 5^1 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (8 + 7 + 65 - 4) \times 3! \times (2 + 1 \times 0).$
- $913 = -8^2 + 7^3 + 6^0 + 5^1 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (8 + 7) \times 65 - 4^3 + 2 + 1 \times 0.$
- $914 = 8^2 + 7^0 + 6^3 + 5^1 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (8 + 7) \times 65 - 4^3 + 2 + 1 \times 0!.$
- $915 = -8^4 - 7^3 + 6^2 + 5^5 + 4^1 + 3^7 + 2^0 + 1^8 + 0^6$
 $= 8 + 7 + (6 + 54) \times (3 + 2 + 10).$
- $916 = 8^2 + 7^1 + 6^3 + 5^0 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (8 + 7) \times 65 + 4 - 3 \times 21 \times 0!.$

$$\bullet 917 = 8^0 - 7^4 + 6^2 + 5^1 + 4^5 + 3^7 + 2^6 + 1^8 + 0^3 \\ = 876 + 5 + 4 + 32 \times 1 \times 0!.$$

$$\bullet 918 = -8^1 + 7^0 - 6^3 + 5^4 + 4^2 + 3^5 + 2^8 + 1^7 + 0^6 \\ = (-8 + 7 \times 6) \times (-5 + 4 \times 3 + 2 \times 10).$$

$$\bullet 919 = -8^3 + 7^1 + 6^2 + 5^4 + 4^0 + 3^6 + 2^5 + 1^8 + 0^7 \\ = -8 \times (7 + 6 - 5 \times 4!) + 3 \times 21 \times 0!.$$

$$\bullet 920 = 8^1 - 7^4 + 6^2 + 5^0 + 4^5 + 3^7 + 2^6 + 1^8 + 0^3 \\ = 876 + 54 - 3^2 - 1 \times 0!.$$

$$\bullet 921 = 8^2 - 7^4 + 6^0 + 5^5 + 4^3 + 3^1 + 2^6 + 1^8 + 0^7 \\ = 87 - 6 + 5^4 + 3!(2 + 1) - 0!.$$

$$\bullet 922 = 8^1 + 7^4 - 6^5 + 5^0 + 4^6 + 3^7 + 2^2 + 1^8 + 0^3 \\ = 87 - 6 + 5^4 + 3!(2 + 1) \times 0!.$$

$$\bullet 923 = -8^1 + 7^2 + 6^0 + 5^3 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = 87 - 6 + 5^4 + 3!(2 + 1) + 0!.$$

$$\bullet 924 = 8^2 - 7^4 + 6^1 + 5^5 + 4^3 + 3^0 + 2^6 + 1^8 + 0^7 \\ = (8 + 7 + 6) \times (5 - 4! + 3 \times 21) \times 0!.$$

$$\bullet 925 = 8^0 + 7^1 + 6^2 + 5^3 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = 8 + 7 + 65 \times (4 \times 3 + 2) + 1 \times 0.$$

$$\bullet 926 = 8^1 + 7^0 + 6^2 + 5^3 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = (8 + 7) \times (65 - 4) + 3! \times 2 - 1 \times 0!.$$

$$\bullet 927 = -8^3 - 7^2 + 6^0 + 5^4 + 4^1 + 3^6 + 2^7 + 1^8 + 0^5 \\ = (8 + 7) \times 65 - 4 \times 3! \times 2 \times 1 \times 0!.$$

$$\bullet 928 = -8^1 - 7^3 + 6^2 + 5^0 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5 \\ = (8 + 7) \times 65 - 4 \times 3! \times 2 + 1 \times 0!.$$

$$\bullet 929 = -8^3 + 7^2 + 6^0 + 5^4 + 4^1 + 3^6 + 2^5 + 1^8 + 0^7 \\ = 8 + 7 + 6 + 5 + 43 \times 21 \times 0!.$$

$$\bullet 930 = -8^2 + 7^0 - 6^4 + 5^1 + 4^3 + 3^7 + 2^5 + 1^8 + 0^6 \\ = 8 \times 76 + 5 - 4 + 321 \times 0!.$$

$$\bullet 931 = -8^3 + 7^2 + 6^1 + 5^4 + 4^0 + 3^6 + 2^5 + 1^8 + 0^7 \\ = 8 - 7 + 6 \times 5 \times 4 \times 3! + 210.$$

$$\bullet 932 = 8^1 - 7^2 + 6^3 + 5^0 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = -8 + 7 + 6! + 5 + 4 - 3! + 210.$$

$$\bullet 933 = 8^1 - 7^3 + 6^0 + 5^2 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5 \\ = (8 + 7) \times 65 + (-4! + 3) \times 2 + 1 \times 0.$$

$$\bullet 934 = 8^1 + 7^0 - 6^3 + 5^4 + 4^2 + 3^5 + 2^8 + 1^7 + 0^6 \\ = 87 + 6 + 5^4 + 3!(2 + 1) \times 0!.$$

$$\bullet 935 = -8^0 + 7^2 + 6^1 + 5^3 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = -8 - 76 - 5 + 4(-3 - 2 + 10).$$

$$\bullet 936 = -8^1 + 7^3 + 6^2 + 5^0 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 876 + 5 \times 4 \times 3 \times (2 - 1) \times 0!.$$

$$\bullet 937 = 8^0 + 7^2 + 6^1 + 5^3 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = 876 + 54 + 3^2 - 1 - 0!.$$

$$\bullet 938 = -8^2 - 7^5 + 6^4 + 5^3 + 4^7 + 3^0 + 2^1 + 1^8 + 0^6 \\ = 8 \times 7 + (-6 + 5 + 43) \times 21 \times 0!.$$

$$\bullet 939 = 8^1 + 7^2 + 6^0 + 5^3 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = 87 \times 6 - 5 + 432 - 10.$$

$$\bullet 940 = -8^2 + 7^0 + 6^1 + 5^4 + 4^3 + 3^5 + 2^6 + 1^8 + 0^7 \\ = (8 + 7) \times 65 - 4! \times 3/2 + 1 \times 0!.$$

$$\bullet 941 = 8^1 + 7^3 + 6^0 + 5^2 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = (8 + 7) \times 65 - 4! - 3^2 - 1 \times 0!.$$

$$\bullet 942 = -8^2 - 7^4 + 6^1 + 5^3 + 4^5 + 3^7 + 2^6 + 1^0 + 0^8 \\ = ((8 + 7 + 65) \times 4 - 3!) \times (2 + 1 \times 0!).$$

$$\bullet 943 = 8^0 - 7^5 + 6^1 + 5^4 + 4^7 + 3^6 + 2^2 + 1^8 + 0^3 \\ = (8 + 7) \times 65 - 4! - 3^2 + 1 \times 0!.$$

$$\bullet 944 = 8^1 - 7^3 + 6^2 + 5^0 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5 \\ = (8 + 7 + 6 + 5) \times 4! + 32 \times 10.$$

$$\bullet 945 = 8^2 - 7^4 + 6^0 + 5^1 + 4^5 + 3^7 + 2^6 + 1^8 + 0^3 \\ = -8 - 76 + 5 + 4(-3 - 2 + 10).$$

$$\bullet 946 = 8^2 - 7^4 + 6^1 + 5^0 + 4^5 + 3^7 + 2^6 + 1^8 + 0^3 \\ = (8 + 7) \times 65 - 4 - (3! - 2!) - 1 \times 0!.$$

$$\bullet 947 = -8^0 + 7^3 + 6^2 + 5^1 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = (8 + 7) \times 65 - 4! - 3! + 2 + 1 \times 0.$$

$$\bullet 948 = 8^1 - 7^2 - 6^4 + 5^0 + 4^3 + 3^7 + 2^5 + 1^8 + 0^6 \\ = (8 + 7) \times 65 - 4! - 3!/2 + 1 \times 0.$$

$$\bullet 949 = 8^0 + 7^3 + 6^2 + 5^1 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 8 - 7 + 6! + (-5 + 43) \times (2 + 1)! \times 0!.$$

$$\bullet 950 = 8^2 - 7^5 + 6^4 + 5^0 + 4^7 + 3^1 + 2^3 + 1^8 + 0^6 \\ = (8 - 7 - 6) \times 5 \times (4! - 3 \times 21 + 0!).$$

$$\bullet 951 = 8^2 - 7^4 + 6^1 + 5^5 + 4^0 + 3^3 + 2^7 + 1^8 + 0^6 \\ = 8 - 76 - 5 + 4^(-3 - 2 + 10).$$

$$\bullet 952 = 8^2 + 7^0 + 6^1 + 5^3 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = (-8 + 76) \times (5 + 4 - 3 - 2 + 10).$$

$$\bullet 953 = 8^2 + 7^1 + 6^0 + 5^3 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = 8 \times (-7 + 6 + 5!) \times (4 - 3)^2 + 1 \times 0!.$$

$$\bullet 954 = -8^1 + 7^0 - 6^2 + 5^4 + 4^3 + 3^5 + 2^6 + 1^8 + 0^7 \\ = (8 + 7) \times 65 - 4 + 3 - 2 \times 10.$$

$$\bullet 955 = 8^0 - 7^2 + 6^1 + 5^4 + 4^3 + 3^5 + 2^6 + 1^8 + 0^7 \\ = (8 + 7) \times 65 + 4 - (3! - 2!) + 1 \times 0.$$

$$\bullet 956 = 8^1 - 7^5 + 6^4 + 5^0 + 4^7 + 3^2 + 2^6 + 1^8 + 0^3 \\ = 8 - 7 + 6! - 5 + 4! \times (3^2 + 1) \times 0!.$$

$$\bullet 957 = 8^1 - 7^2 + 6^0 + 5^4 + 4^3 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 87 \times (6 + 5) + 4321 \times 0.$$

$$\bullet 958 = -8^1 - 7^5 + 6^4 + 5^0 + 4^7 + 3^3 + 2^6 + 1^8 + 0^2 \\ = 87 + 6 + 5 + 43 \times 2 \times 10.$$

$$\bullet 959 = 8^2 - 7^3 - 6^0 + 5^1 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6 \\ = (8 + 7 + 65) \times (4 + 3! + 2) - 1 \times 0!.$$

$$\bullet 960 = -8^4 - 7^3 + 6^1 + 5^5 + 4^2 + 3^7 + 2^6 + 1^0 + 0^8 \\ = (8 + 7 + 65) \times (4 + 3! + 2) \times 1 \times 0!.$$

$$\bullet 961 = 8^2 - 7^3 + 6^0 + 5^1 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6 \\ = (8 + 7 + 65) \times (4 + 3! + 2) + 1 \times 0!.$$

$$\bullet 962 = 8^2 - 7^3 + 6^1 + 5^0 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6 \\ = (8 + 7) \times 65 - 4 - 3^2 + 1 \times 0.$$

$$\bullet 963 = -8^2 - 7^5 + 6^0 + 5^6 + 4^1 + 3^7 + 2^4 + 1^8 + 0^3 \\ = ((8 + 7 + 65) \times 4! + 3!)/2 + 1 \times 0.$$

$$\bullet 964 = -8^2 + 7^1 - 6^4 + 5^0 + 4^3 + 3^7 + 2^6 + 1^8 + 0^5 \\ = -8 + 7 + 6! + 5! + 4 \times (32 - 1) + 0!.$$

$$\bullet 965 = -8^3 - 7^4 + 6^1 + 5^5 + 4^2 + 3^6 + 2^0 + 1^8 + 0^7 \\ = (8 + 7) \times 65 - 4!/3 - 2 + 1 \times 0.$$

$$\bullet 966 = -8^2 - 7^4 + 6^3 + 5^0 + 4^5 + 3^7 + 2^1 + 1^8 + 0^6 \\ = -8 - 7 + 65 \times 4 + 3!! + 2 - 1 \times 0!.$$

$$\bullet 967 = 8^0 - 7^5 + 6^4 + 5^2 + 4^7 + 3^1 + 2^6 + 1^8 + 0^3 \\ = 876 - 5! + 4 - 3 + 210.$$

$$\bullet 968 = 8^2 - 7^5 + 6^4 + 5^0 + 4^7 + 3^3 + 2^1 + 1^8 + 0^6 \\ = 876 + 5! + 4 - 32 - 1 + 0!.$$

$$\bullet 969 = 8^2 - 7^3 + 6^0 + 5^1 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5 \\ = (8 + 7) \times 65 - 4!/3 + 2 + 1 \times 0.$$

$$\bullet 970 = 8^2 - 7^3 + 6^1 + 5^0 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5 \\ = (8 + 7) \times 65 - 4 - 3 + 2 + 1 \times 0.$$

$$\bullet 971 = 8^2 - 7^5 + 6^4 + 5^1 + 4^7 + 3^3 + 2^0 + 1^8 + 0^6 \\ = (8 + 7) \times 65 - 4 \times (3 - 2) + 1 \times 0.$$

$$\bullet 972 = 8^1 - 7^5 + 6^4 + 5^2 + 4^7 + 3^0 + 2^6 + 1^8 + 0^3 \\ = (8 + 7) \times 65 - 4 + 3 - 2 + 1 \times 0.$$

$$\bullet 973 = -8^0 - 7^4 + 6^2 + 5^3 + 4^5 + 3^7 + 2^1 + 1^8 + 0^6 \\ = 876 - 5! + 4 + 3 + 210.$$

$$\bullet 974 = 8^1 - 7^5 + 6^4 + 5^0 + 4^7 + 3^3 + 2^6 + 1^8 + 0^2 \\ = -8 + 765 + 4 + 3 + 210.$$

$$\bullet 975 = 8^3 - 7^5 + 6^0 + 5^4 + 4^7 + 3^1 + 2^8 + 1^6 + 0^2 \\ = -8 - 7 + 6 \times 5 \times (4 \times 3 + 21) \times 0!.$$

$$\bullet 976 = 8^2 + 7^4 - 6^5 + 5^0 + 4^6 + 3^7 + 2^1 + 1^8 + 0^3 \\ = (8 + 7) \times 65 + 4 - 3 + 21 \times 0.$$

$$\bullet 977 = 8^2 + 7^3 + 6^0 + 5^1 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 876 + 5 + 4! \times (3 + 2 - 1) \times 0!.$$

- $978 = 8^2 + 7^3 + 6^1 + 5^0 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= -8 - 7 + 6 \times 54 \times 3 + 21 \times 0!$
- $979 = -8^4 - 7^3 + 6^2 + 5^5 + 4^1 + 3^7 + 2^6 + 1^8 + 0^0$
 $= (8 + 7) \times 65 + 4 \times (3 - 2) + 1 \times 0.$
- $980 = 8^3 + 7^0 - 6^4 + 5^1 + 4^5 + 3^6 + 2^2 + 1^8 + 0^7$
 $= (8 + 7) \times 65 - 4 + 3^2 + 1 \times 0.$
- $981 = 8^3 - 7^5 + 6^0 + 5^4 + 4^7 + 3^2 + 2^8 + 1^6 + 0^1$
 $= (8 + 7 - 6) \times (5 \times (4! - 3)) + 2 + 1 + 0!$
- $982 = -8^1 - 7^5 + 6^4 + 5^2 + 4^7 + 3^3 + 2^6 + 1^0 + 0^8$
 $= 8 + 765 - 4 + 3 + 210.$
- $983 = -8^3 - 7^4 + 6^2 + 5^5 + 4^1 + 3^6 + 2^0 + 1^8 + 0^7$
 $= -87 + 6! + 5 \times (4! \times 3 - 2 \times 1) \times 0!$
- $984 = 8^1 - 7^5 + 6^2 + 5^4 + 4^7 + 3^6 + 2^3 + 1^0 + 0^8$
 $= (8 + 7) \times 65 + 4 + 3 + 2 + 1 \times 0.$
- $985 = 8^2 - 7^4 + 6^0 + 5^5 + 4^3 + 3^1 + 2^7 + 1^8 + 0^6$
 $= (8 + 7) \times 65 + 4 + 3 + 2 + 1 \times 0!$
- $986 = 8^3 - 7^5 + 6^1 + 5^4 + 4^7 + 3^2 + 2^8 + 1^0 + 0^6$
 $= (8 + 7) \times 65 + 4 \times 3!/2 - 1 \times 0!$
- $987 = 8^3 - 7^5 + 6^1 + 5^4 + 4^7 + 3^2 + 2^8 + 1^6 + 0^0$
 $= (8 + 7) \times 65 + 4 \times 3!/2 \times 1 \times 0!$
- $988 = 8^2 - 7^4 + 6^1 + 5^5 + 4^3 + 3^0 + 2^7 + 1^8 + 0^6$
 $= (8 + 7) \times 65 + 4 + 3^2 + 1 \times 0.$
- $989 = -8^1 + 7^3 + 6^0 + 5^2 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (8 + 7) \times 65 + 4 \times 3 + 2 + 1 \times 0.$
- $990 = -8^1 + 7^0 + 6^3 + 5^2 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= (8 + 7) \times (65 - 4 + 3 + 2 + 1 \times 0).$
- $991 = 8^0 - 7^5 + 6^4 + 5^2 + 4^7 + 3^3 + 2^6 + 1^8 + 0^1$
 $= 87 + 6! + 5! + 4^3 + 2 - 1 - 0!$
- $992 = -8^3 - 7^0 + 6^1 + 5^4 + 4^2 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 87 + 6! + 5! + 4^3 + 2 - 1 \times 0!$
- $993 = -8^1 - 7^4 + 6^0 + 5^3 + 4^5 + 3^7 + 2^6 + 1^8 + 0^2$
 $= (8 + 7) \times (65 + 4 - 3) + 2 + 1 \times 0!$
- $994 = -8^3 + 7^0 + 6^1 + 5^4 + 4^2 + 3^6 + 2^7 + 1^8 + 0^5$
 $= (8 + 7) \times 65 + 4! - 3 \times 2 + 1 \times 0!$
- $995 = -8^3 + 7^1 + 6^0 + 5^4 + 4^2 + 3^6 + 2^7 + 1^8 + 0^5$
 $= (8 + 7) \times 65 + 4! - 3! + 2 + 1 \times 0.$
- $996 = -8^1 - 7^5 + 6^4 + 5^3 + 4^7 + 3^0 + 2^2 + 1^8 + 0^6$
 $= -8 - 76 + 5! \times (4 - 3 - 2 + 10).$
- $997 = 8^2 - 7^5 - 6^0 + 5^4 + 4^7 + 3^6 + 2^1 + 1^8 + 0^3$
 $= 87 \times (6 + 5) + 43 - 2 - 1 \times 0!$
- $998 = 8^1 - 7^5 + 6^4 + 5^2 + 4^7 + 3^3 + 2^6 + 1^0 + 0^8$
 $= (8 + 7) \times 65 + 4! - 3 + 2 + 1 \times 0.$
- $999 = 8^2 - 7^5 + 6^0 + 5^4 + 4^7 + 3^6 + 2^1 + 1^8 + 0^3$
 $= 87 \times (6 + 5) + 43 - 2 + 1 \times 0!$
- $1000 = -8^1 + 7^3 + 6^2 + 5^0 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (8 + 7) \times 65 + 4! + 3 - 2 + 1 \times 0.$
- $1001 = -8^0 + 7^3 + 6^1 + 5^2 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 876 + 5! + 4! + 3 - 21 - 0!$
- $1002 = -8^2 - 7^5 + 6^4 + 5^3 + 4^7 + 3^1 + 2^6 + 1^0 + 0^8$
 $= -8 - 7 - 6 + 5! + 43 \times 21 + 0.$
- $1003 = 8^0 + 7^3 + 6^1 + 5^2 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 - 7 - 6 + (54 - 3!) \times 21 + 0.$
- $1004 = -8^2 + 7^0 + 6^1 + 5^4 + 4^3 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 \times (76 + 54 - 3) - 2 - 10.$
- $1005 = 8^1 + 7^3 + 6^0 + 5^2 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (8 + 7) \times (6 - 5 + 4^3 + 2) \times 1 + 0.$
- $1006 = 8^1 + 7^0 + 6^3 + 5^2 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= -8 + (7 + 6 - 5) \times 4 \times 32 - 10.$
- $1007 = 8^2 - 7^4 + 6^1 + 5^3 + 4^5 + 3^7 + 2^0 + 1^8 + 0^6$
 $= 8 + 7 + 6! + (5! - 4! + 3!)/(2 + 1) \times 0!$
- $1008 = 8^3 - 7^5 + 6^2 + 5^4 + 4^7 + 3^0 + 2^8 + 1^6 + 0^1$
 $= (8 + 76) \times (54 - 32 - 10).$

- $1009 = 8^1 - 7^4 + 6^0 + 5^3 + 4^5 + 3^7 + 2^6 + 1^8 + 0^2$
 $= -8 - 76 + 5 + 4^3 + 2^{10}.$
- $1010 = 8^3 - 7^5 + 6^2 + 5^4 + 4^7 + 3^1 + 2^8 + 1^0 + 0^6$
 $= 876 + (5 + 4 + 3)^2 - 10.$
- $1011 = -8^0 + 7^3 + 6^2 + 5^1 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (87 - 6 + 5) \times 4 \times 3 - 21 \times 0!.$
- $1012 = -8^3 + 7^0 + 6^2 + 5^4 + 4^1 + 3^6 + 2^7 + 1^8 + 0^5$
 $= (87 - 65) \times (4 + 32 + 10).$
- $1013 = 8^0 + 7^3 + 6^2 + 5^1 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -8 - 7 + 6 + 5 - 4 - 3 + 2^{10}.$
- $1014 = -8^1 + 7^2 + 6^3 + 5^0 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= (-8 + 76) \times 54/3 - 210.$
- $1015 = -8^3 + 7^1 + 6^2 + 5^4 + 4^0 + 3^6 + 2^7 + 1^8 + 0^5$
 $= (8 + 7) \times (-6 + 5!) + 4! - (3 + 2 + 1)! + 0!.$
- $1016 = 8^1 + 7^3 + 6^2 + 5^0 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 876 + 5 \times (4 + 3 \times (-2 + 10)).$
- $1017 = 8^1 - 7^5 + 6^4 + 5^3 + 4^7 + 3^2 + 2^0 + 1^8 + 0^6$
 $= 8 - 76 + 543 \times 2 - 1 \times 0!.$
- $1018 = -8^1 + 7^0 - 6^2 + 5^4 + 4^3 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 876 + 5! + 43 - 21 \times 0!.$
- $1019 = 8^0 - 7^4 + 6^3 + 5^5 + 4^1 + 3^2 + 2^6 + 1^8 + 0^7$
 $= 876 + 5 + 4 \times 32 + 10.$
- $1020 = 8^4 + 7^3 - 6^5 + 5^0 + 4^6 + 3^1 + 2^8 + 1^7 + 0^2$
 $= 87 + 6 \times 5 + 43 \times 21 \times 0!.$
- $1021 = 8^1 - 7^2 + 6^0 + 5^4 + 4^3 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (8 - 7) \times (6! - 5 \times 4) + 321 \times 0!.$
- $1022 = -8^6 - 7^5 + 6^7 + 5^0 + 4^2 + 3^1 + 2^4 + 1^8 + 0^3$
 $= 8 \times 7 - 65 + 4 + 3 + 2^{10}.$
- $1023 = 8^1 - 7^4 + 6^3 + 5^5 + 4^0 + 3^2 + 2^6 + 1^8 + 0^7$
 $= (8 + 76 + 5 + 4) \times (3 - 2 + 10).$
- $1024 = -8^6 - 7^5 + 6^7 + 5^2 + 4^1 + 3^0 + 2^3 + 1^8 + 0^4$
 $= 8 \times (-7 + 6 + 5) \times 4^3/2 \times 1 \times 0!.$
- $1025 = -8^3 + 7^2 + 6^0 + 5^4 + 4^1 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 8 - 7 + 6! + 5^4 - 321 \times 0!.$
- $1026 = -8^1 + 7^0 + 6^2 + 5^4 + 4^3 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 + 7 + 6 \times 5 - 43 + 2^{10}.$
- $1027 = 8^0 + 7^2 + 6^3 + 5^1 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 87 + (65 - 4! + 3!) \times 2 \times 10.$
- $1028 = -8^2 - 7^5 + 6^1 + 5^6 + 4^3 + 3^7 + 2^4 + 1^0 + 0^8$
 $= 87 + 6! + 5 + 432/(1 + 0!).$
- $1029 = -8^2 - 7^5 + 6^1 + 5^6 + 4^3 + 3^7 + 2^4 + 1^8 + 0^0$
 $= 876 - 54 - 3 + 210.$
- $1030 = 8^1 + 7^2 + 6^3 + 5^0 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 876 + (5 + 4 + 3)^2 + 10.$
- $1031 = 8^0 - 7^4 + 6^1 + 5^5 + 4^2 + 3^3 + 2^8 + 1^7 + 0^6$
 $= 87 + (6 + 5 + 4) \times 3 \times 21 - 0!.$
- $1032 = -8^6 - 7^5 + 6^7 + 5^2 + 4^1 + 3^0 + 2^4 + 1^8 + 0^3$
 $= (8 - 7 + 6 - 5) \times 43 \times (2 + 10).$
- $1033 = 8^3 - 7^2 + 6^0 + 5^1 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 87 + (6 + 5) \times 43 \times 2 \times 1 \times 0!.$
- $1034 = 8^3 - 7^2 + 6^1 + 5^0 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= (-8 + 7) \times 6 + 5 \times 4^3 + (2 + 1)!! \times 0!.$
- $1035 = 8^2 - 7^5 + 6^4 + 5^1 + 4^7 + 3^3 + 2^6 + 1^8 + 0^0$
 $= 876 - 54 + 3 + 210.$
- $1036 = -8^1 + 7^0 - 6^3 + 5^2 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= -8 \times 7 + 6 + 543 \times 2 \times 1 \times 0!.$
- $1037 = 8^0 - 7^5 + 6^1 + 5^6 + 4^2 + 3^7 + 2^3 + 1^8 + 0^4$
 $= (87 - 6 \times 5 + 4) \times (-3 + 21 - 0!).$
- $1038 = -8^1 + 7^0 - 6^4 + 5^2 + 4^3 + 3^7 + 2^6 + 1^8 + 0^5$
 $= (8 - 7) \times 6 \times (5 + 4 \times (32 + 10)).$

$$\bullet 1039 = -8^1 + 7^2 + 6^0 + 5^4 + 4^3 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 876 + 5! + 4! - 3 + 21 + 0!.$$

$$\bullet 1040 = 8^2 - 7^0 + 6^3 + 5^1 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = 8 \times 7 \times 6 - 5 \times 4^3 + 2^{10}.$$

$$\bullet 1041 = 8^2 + 7^3 + 6^0 + 5^1 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6 \\ = 87 + 6 \times (-54 + 3 + 210).$$

$$\bullet 1042 = 8^2 + 7^3 + 6^1 + 5^0 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6 \\ = (8 + 7) \times 65 + 4 + 3 \times 21 \times 0!.$$

$$\bullet 1043 = -8^6 - 7^5 + 6^7 + 5^2 + 4^1 + 3^3 + 2^0 + 1^8 + 0^4 \\ = 876 - 5 + 43 \times (2 + 1 + 0!).$$

$$\bullet 1044 = 8^2 + 7^1 + 6^3 + 5^0 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = -8 \times 7 + (65 + 43 + 2) \times 10.$$

$$\bullet 1045 = 8^1 - 7^4 + 6^2 + 5^3 + 4^5 + 3^7 + 2^6 + 1^8 + 0^0 \\ = 8 \times 76 - 5 + 432 + 10.$$

$$\bullet 1046 = -8^6 - 7^5 + 6^7 + 5^0 + 4^2 + 3^3 + 2^4 + 1^8 + 0^1 \\ = (8 + 7) \times (65 + 4) + 3 - 2 + 10.$$

$$\bullet 1047 = 8^1 - 7^5 + 6^0 + 5^6 + 4^2 + 3^7 + 2^4 + 1^8 + 0^3 \\ = 8 \times (-7 - 6 + 54) + 3!! - (21 \times 0!).$$

$$\bullet 1048 = -8^3 - 7^2 + 6^4 + 5^0 + 4^1 + 3^5 + 2^6 + 1^8 + 0^7 \\ = (8 + 7 - 6 - 5 + 4) \times 3 + 2^{10}.$$

$$\bullet 1049 = 8^0 - 7^4 + 6^2 + 5^5 + 4^1 + 3^3 + 2^8 + 1^7 + 0^6 \\ = -87 - 6 + 5! + 4 - 3! + 2^{10}.$$

$$\bullet 1050 = -8^6 - 7^5 + 6^7 + 5^1 + 4^2 + 3^3 + 2^4 + 1^0 + 0^8 \\ = 8 \times (-7 + 6 + 5 \times (4! + 3)) - 21 - 0!.$$

$$\bullet 1051 = -8^0 + 7^2 + 6^1 + 5^4 + 4^3 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 876 - 5 - 4! - 3! + 210.$$

$$\bullet 1052 = 8^1 + 7^0 - 6^3 + 5^2 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6 \\ = (87 - 6 + 5) \times 4 \times 3 + 21 - 0!.$$

$$\bullet 1053 = 8^0 + 7^2 + 6^1 + 5^4 + 4^3 + 3^5 + 2^6 + 1^8 + 0^7 \\ = (87 - 6 + 5) \times 4 \times 3 + 21 \times 0!.$$

$$\bullet 1054 = 8^1 + 7^0 - 6^4 + 5^2 + 4^3 + 3^7 + 2^6 + 1^8 + 0^5 \\ = 87 - 6 - 54 + 3 + 2^{10}.$$

$$\bullet 1055 = 8^1 + 7^2 + 6^0 + 5^4 + 4^3 + 3^5 + 2^6 + 1^8 + 0^7 \\ = (8 - 7)^6 \times 5 \times (4 - 3 + 210).$$

$$\bullet 1056 = -8^1 - 7^5 + 6^4 + 5^3 + 4^7 + 3^0 + 2^6 + 1^8 + 0^2 \\ = 8 \times (-76 + 5 - 4 - 3 + 210).$$

$$\bullet 1057 = -8^3 - 7^2 + 6^1 + 5^4 + 4^0 + 3^6 + 2^8 + 1^7 + 0^5 \\ = 87 + 6! + 5 \times (-4 + 3^2) \times 10.$$

$$\bullet 1058 = -8^6 - 7^5 + 6^7 + 5^2 + 4^1 + 3^3 + 2^4 + 1^0 + 0^8 \\ = 8 \times 7 \times (6 + 5) + 432 + 10.$$

$$\bullet 1059 = 8^1 - 7^5 + 6^2 + 5^6 + 4^0 + 3^7 + 2^3 + 1^8 + 0^4 \\ = -87 + 6! - 5 + 432 - 1 \times 0!.$$

$$\bullet 1060 = -8^6 - 7^5 + 6^7 + 5^1 + 4^3 + 3^0 + 2^2 + 1^8 + 0^4 \\ = (8 - 7) \times (65 + 43 - 2) \times 10.$$

$$\bullet 1061 = 8^1 - 7^4 + 6^3 + 5^2 + 4^5 + 3^7 + 2^0 + 1^8 + 0^6 \\ = 87 + 654 + 32 \times 10.$$

$$\bullet 1062 = -8^6 - 7^5 + 6^7 + 5^0 + 4^3 + 3^2 + 2^1 + 1^8 + 0^4 \\ = 87 + 654 + 321 \times 0!.$$

$$\bullet 1063 = 8^1 - 7^4 + 6^0 + 5^5 + 4^3 + 3^2 + 2^8 + 1^7 + 0^6 \\ = -8 \times 7 + (6 + 5 + 4!) \times 32 \times 1 - 0!.$$

$$\bullet 1064 = 8^1 - 7^3 + 6^2 + 5^0 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6 \\ = 8 + (76 + 5 \times 4) \times (3 - 2 + 10).$$

$$\bullet 1065 = 8^2 - 7^4 + 6^0 + 5^3 + 4^5 + 3^7 + 2^6 + 1^8 + 0^1 \\ = 876 + 54/3! \times 21 \times 0!.$$

$$\bullet 1066 = 8^2 - 7^5 + 6^4 + 5^3 + 4^7 + 3^0 + 2^1 + 1^8 + 0^6 \\ = 8 \times (76 + 5 \times 4 \times 3) - 21 - 0!.$$

$$\bullet 1067 = 8^2 - 7^5 + 6^4 + 5^3 + 4^7 + 3^1 + 2^0 + 1^8 + 0^6 \\ = 87 + 6 \times (5! + 43) + 2 + 1 - 0!.$$

$$\bullet 1068 = 8^2 + 7^0 + 6^1 + 5^4 + 4^3 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 876 - 54/3 + 210.$$

$$\bullet 1069 = 8^2 + 7^1 + 6^0 + 5^4 + 4^3 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 876 - 5 - 4 \times 3 + 210.$$

- $1070 = 8^2 - 7^4 + 6^1 + 5^3 + 4^5 + 3^7 + 2^6 + 1^0 + 0^8$
 $= -8 + 7 \times (6 + 5) \times (4! - 3^2 - 1) \times 0!$
- $1071 = 8^2 - 7^4 + 6^1 + 5^3 + 4^5 + 3^7 + 2^6 + 1^8 + 0^0$
 $= 87 + (6 \times 5 \times 4 + 3) \times (-2 + 10).$
- $1072 = 8^1 - 7^5 + 6^4 + 5^3 + 4^7 + 3^0 + 2^6 + 1^8 + 0^2$
 $= 87 \times 6 + 5 \times (4! \times (3 + 2) - 10).$
- $1073 = 8^2 - 7^4 + 6^3 + 5^5 + 4^0 + 3^1 + 2^6 + 1^8 + 0^7$
 $= 87 \times 6 + 543 - 2 + 10.$
- $1074 = 8^2 - 7^4 + 6^3 + 5^5 + 4^1 + 3^0 + 2^6 + 1^8 + 0^7$
 $= 876 + 54/3! \times (21 + 0!).$
- $1075 = -8^3 - 7^4 + 6^0 + 5^5 + 4^1 + 3^6 + 2^7 + 1^8 + 0^2$
 $= 8 + 7 + (65 + 43 - 2) \times 10.$
- $1076 = -8^6 - 7^5 + 6^7 + 5^0 + 4^3 + 3^2 + 2^4 + 1^8 + 0^1$
 $= (8 - 7) \times 6! + 5 \times 4! \times 3 - 2 - 1 - 0!.$
- $1077 = 8^2 - 7^4 + 6^0 + 5^5 + 4^1 + 3^3 + 2^8 + 1^7 + 0^6$
 $= -8 - 7 - 6!/5 - 4! + 3! \times 210.$
- $1078 = -8^6 - 7^5 + 6^7 + 5^2 + 4^3 + 3^0 + 2^1 + 1^8 + 0^4$
 $= (-8 + 76 + 5 + 4) \times (3! - 2 + 10).$
- $1079 = 8^2 - 7^4 + 6^1 + 5^5 + 4^0 + 3^3 + 2^8 + 1^7 + 0^6$
 $= 8 + 7 + 6 \times (5! + 4) + 32 \times 10.$
- $1080 = 8^1 - 7^5 + 6^4 + 5^3 + 4^7 + 3^2 + 2^6 + 1^0 + 0^8$
 $= (8 + 7 + 65 - 4 + 32) \times 10.$
- $1081 = 8^3 - 7^5 + 6^0 + 5^1 + 4^7 + 3^6 + 2^8 + 1^4 + 0^2$
 $= -8 + 765 + 4 + 32 \times 10.$
- $1082 = 8^3 - 7^5 + 6^1 + 5^0 + 4^7 + 3^6 + 2^8 + 1^4 + 0^2$
 $= 8 \times 7 + 6 \times (5! + 43 - 2 + 10).$
- $1083 = 8^2 - 7^5 + 6^0 + 5^6 + 4^1 + 3^7 + 2^3 + 1^8 + 0^4$
 $= -8 + 76 - 5 \times (4 + 3 - 210).$
- $1084 = -8^2 - 7^0 + 6^1 + 5^3 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= ((8 + 7 - 6) \times 5 \times 4 \times 3 + 2) \times (1 + 0!).$
- $1085 = 8^2 - 7^5 + 6^1 + 5^6 + 4^0 + 3^7 + 2^3 + 1^8 + 0^4$
 $= 876 - 5 + 4!/3! + 210.$
- $1086 = -8^2 + 7^0 + 6^1 + 5^3 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 + 7 + 65 - 4! + 3! + 2^{10}.$
- $1087 = -8^2 + 7^1 + 6^0 + 5^3 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= -87 - 6 + (5 \times 4 \times 3! - 2) \times 10.$
- $1088 = -8^2 - 7^0 + 6^3 + 5^4 + 4^1 + 3^5 + 2^6 + 1^8 + 0^7$
 $= -8 + 76 - 5 + 4 - 3 + 2^{10}.$
- $1089 = 8^2 - 7^3 + 6^0 + 5^1 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= 8 + 765 - 4 + 321 - 0!.$
- $1090 = -8^2 + 7^0 + 6^3 + 5^4 + 4^1 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 + 765 - 4 + 321 \times 0!.$
- $1091 = 8^2 - 7^5 + 6^0 + 5^6 + 4^1 + 3^7 + 2^4 + 1^8 + 0^3$
 $= 8 + 765 - 4 + 321 + 0!.$
- $1092 = -8^6 - 7^5 + 6^7 + 5^2 + 4^3 + 3^0 + 2^4 + 1^8 + 0^1$
 $= 8 \times 7 + 6 \times 5! - 4 + 321 - 0!.$
- $1093 = -8^2 + 7^1 + 6^3 + 5^4 + 4^0 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 876 - 5 + 4 \times 3 + 210.$
- $1094 = 8^2 - 7^4 + 6^3 + 5^0 + 4^5 + 3^7 + 2^1 + 1^8 + 0^6$
 $= 8 \times (-7 + 6 + 5 \times (4! + 3)) + 21 + 0!.$
- $1095 = 8^3 - 7^1 + 6^0 + 5^2 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= -8 + (-76 + 5^4 + 3) \times 2 - 1 \times 0!.$
- $1096 = -8^6 - 7^5 + 6^7 + 5^1 + 4^2 + 3^4 + 2^3 + 1^0 + 0^8$
 $= -8 + (76 + 5!) \times 4 + 32 \times 10.$
- $1097 = 8^3 - 7^2 + 6^0 + 5^1 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -8 + (-76 + 5^4 + 3) \times 2 + 1 \times 0!.$
- $1098 = 8^3 - 7^2 + 6^1 + 5^0 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 + 765 + 4 + 321 \times 0!.$
- $1099 = 8^0 - 7^4 + 6^1 + 5^2 + 4^5 + 3^7 + 2^8 + 1^6 + 0^3$
 $= -8 + 7 + (6 + 543) \times 2 + 1 + 0!.$
- $1100 = 8^1 - 7^4 + 6^3 + 5^0 + 4^5 + 3^7 + 2^6 + 1^8 + 0^2$
 $= 87 - 6 + 5 + 4(3 + 2) - 10.$

- $1101 = 8^3 - 7^5 + 6^0 + 5^2 + 4^7 + 3^6 + 2^8 + 1^4 + 0^1$
 $= 876 + 5 + 4 + 3! + 210.$
- $1102 = -8^3 - 7^1 + 6^4 + 5^0 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7$
 $= -8 \times 7 + 6! + 5! \times 4 - 32 - 10.$
- $1103 = -8^1 + 7^2 + 6^0 + 5^4 + 4^3 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 876 + 5 + 4 \times 3 + 210.$
- $1104 = 8^1 - 7^0 + 6^2 + 5^4 + 4^3 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 \times (76 + 54 + 3^2 - 1 \times 0!).$
- $1105 = 8^0 + 7^1 + 6^2 + 5^4 + 4^3 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 87 + 6 - 5 - 4 - 3 + 2^{10}.$
- $1106 = 8^1 + 7^0 + 6^2 + 5^4 + 4^3 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (8 + 76 - 5) \times (-4 - 3 + 21) \times 0!.$
- $1107 = 8^5 - 7^6 + 6^4 + 5^7 + 4^1 + 3^8 + 2^0 + 1^3 + 0^2$
 $= (8 - 7 + 6 + 5! - 4) \times 3 \times (2 + 1) \times 0!.$
- $1108 = 8^3 + 7^0 + 6^1 + 5^2 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= -8 + 7 \times (6 \times 5 + 4 \times 32) + 10.$
- $1109 = 8^3 + 7^1 + 6^0 + 5^2 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 + 765 - 4! + 3!^2 \times 10.$
- $1110 = 8^5 - 7^6 + 6^4 + 5^7 + 4^1 + 3^8 + 2^2 + 1^0 + 0^3$
 $= 8 - 76 + 5! \times 4 + 3!! - 21 - 0!.$
- $1111 = 8^5 - 7^6 + 6^4 + 5^7 + 4^1 + 3^8 + 2^2 + 1^3 + 0^0$
 $= 8 - 76 + 5! \times 4 + 3!! - 21 \times 0!.$
- $1112 = 8^3 - 7^5 + 6^2 + 5^0 + 4^7 + 3^6 + 2^8 + 1^4 + 0^1$
 $= 8 - 76 + 5! \times 4 + 3!! - 21 + 0!.$
- $1113 = 8^2 - 7^4 + 6^0 + 5^5 + 4^3 + 3^1 + 2^8 + 1^7 + 0^6$
 $= 8 - 76 + 5 - 4! + (3 + 2!) \times 10.$
- $1114 = -8^3 + 7^0 + 6^4 + 5^1 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 \times 76 + 5! \times 4 + 3!^2 - 10.$
- $1115 = -8^0 + 7^2 + 6^1 + 5^4 + 4^3 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -8 + 76 + 5 \times 4 + 3 + 2^{10}.$
- $1116 = -8^3 + 7^1 + 6^4 + 5^0 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7$
 $= (8 \times 7 - 6 + 5 - 4!) \times 3!^2 \times 1 \times 0!.$
- $1117 = 8^0 + 7^2 + 6^1 + 5^4 + 4^3 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (8 + 7 - 6) \times 5! + 4 + 32 \times 1 + 0!.$
- $1118 = 8^3 + 7^0 + 6^2 + 5^1 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 - 7 - 6 \times 54 + 3!! \times 2 + 1 \times 0!.$
- $1119 = 8^1 + 7^2 + 6^0 + 5^4 + 4^3 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (87 + 6) \times 5 + 4! + 3 \times 210.$
- $1120 = 8^3 + 7^1 + 6^2 + 5^0 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 87 + 6 + 5 + 4 - 3! + 2^{10}.$
- $1121 = 8^5 - 7^6 + 6^4 + 5^7 + 4^2 + 3^8 + 2^1 + 1^3 + 0^0$
 $= 876 + 5 + 4! + 3! + 210.$
- $1122 = -8^3 + 7^0 + 6^4 + 5^2 + 4^1 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 87 + (65 + 4) \times (-3! + 21) \times 0!.$
- $1123 = -8^3 + 7^1 + 6^0 + 5^4 + 4^2 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 876 + 5 \times 4! + 3! \times 21 + 0!.$
- $1124 = 8^1 - 7^4 + 6^3 + 5^2 + 4^5 + 3^7 + 2^6 + 1^0 + 0^8$
 $= 876 - 5 + 43 + 210.$
- $1125 = -8^3 + 7^1 + 6^4 + 5^2 + 4^0 + 3^5 + 2^6 + 1^8 + 0^7$
 $= (8 + 7 - 6 + 5! - 4) \times (-3 + 2 + 10).$
- $1126 = 8^5 - 7^6 + 6^4 + 5^7 + 4^2 + 3^8 + 2^3 + 1^0 + 0^1$
 $= 8 + (7 + 6) \times ((-5 + 43) \times 2 + 10).$
- $1127 = 8^5 - 7^6 + 6^4 + 5^7 + 4^2 + 3^8 + 2^3 + 1^1 + 0^0$
 $= 8 - 7 + (6 \times 5 + 4) \times 3 + 2^{10}.$
- $1128 = -8^1 + 7^3 + 6^2 + 5^0 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= (8 - 76 + 54 \times 3) \times (2 + 10).$
- $1129 = -8^0 + 7^3 + 6^1 + 5^2 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 + 765 - 4 + 3!^2 \times 10.$
- $1130 = 8^2 - 7^5 + 6^4 + 5^3 + 4^7 + 3^1 + 2^6 + 1^0 + 0^8$
 $= (-8 + 7 \times 6 \times (5 + 4)) \times 3 + 2 \times 10.$

- $1131 = 8^3 + 7^2 + 6^0 + 5^1 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= -8 + 7 \times (6 + 54) + 3!! - (21 \times 0)!.$
- $1132 = 8^3 + 7^2 + 6^1 + 5^0 + 4^4 + 3^5 + 2^6 + 1^8 + 0^7$
 $= -8 + 7 \times (6 + 54) + 3!! - 2 + 1 + 0!.$
- $1133 = 8^2 + 7^1 + 6^0 + 5^4 + 4^3 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 + 765 + 4 \times 3^2 \times 10.$
- $1134 = -8^6 - 7^5 + 6^7 + 5^0 + 4^3 + 3^4 + 2^1 + 1^8 + 0^2$
 $= 8 \times 76 + 5! \times 4 + 3!^2 + 10.$
- $1135 = -8^4 - 7^3 + 6^0 + 5^5 + 4^1 + 3^7 + 2^8 + 1^6 + 0^2$
 $= 8 - 7 - 6! + 5 + 43^2 + 1 - 0!.$
- $1136 = -8^6 - 7^5 + 6^7 + 5^0 + 4^3 + 3^4 + 2^2 + 1^8 + 0^1$
 $= 8 \times (-7 + 6 + 5 + 4 \times 32 + 10).$
- $1137 = 8^2 - 7^5 + 6^0 + 5^6 + 4^3 + 3^7 + 2^1 + 1^8 + 0^4$
 $= 876 + 54 - 3 + 210.$
- $1138 = -8^5 + 7^3 + 6^4 + 5^6 + 4^7 + 3^0 + 2^8 + 1^2 + 0^1$
 $= 87 \times 6 + 5^4 + 3 - 2 - 10.$
- $1139 = -8^0 + 7^3 + 6^2 + 5^1 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 87 \times 6 + 5^{(4!/3!)} + 2 - 10.$
- $1140 = -8^5 + 7^3 + 6^4 + 5^6 + 4^7 + 3^1 + 2^8 + 1^0 + 0^2$
 $= (8 + 7) \times ((6 + 5 \times 4) \times 3 - 2 \times 1) \times 0!.$
- $1141 = 8^0 + 7^3 + 6^2 + 5^1 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 87 \times 6 + 5^4 - 3 - 2 - 1 \times 0!.$
- $1142 = -8^2 - 7^1 - 6^4 + 5^0 + 4^3 + 3^7 + 2^8 + 1^6 + 0^5$
 $= 87 \times 6 + 5^4 - 3 - 2 + 1 - 0!.$
- $1143 = -8^3 + 7^1 + 6^2 + 5^4 + 4^0 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 876 - 54 + 321 \times 0!.$
- $1144 = 8^1 + 7^3 + 6^2 + 5^0 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= (8 + 7) \times 6 + 5! + 4 + 3!! + 210.$
- $1145 = 8^0 - 7^5 + 6^4 + 5^1 + 4^7 + 3^2 + 2^8 + 1^6 + 0^3$
 $= 8 \times (-7 + 6 + 54) + 3!! + 2 - 1 \times 0!.$
- $1146 = -8^5 + 7^3 + 6^4 + 5^6 + 4^7 + 3^2 + 2^8 + 1^0 + 0^1$
 $= 876 + 54 + 3! + 210.$
- $1147 = -8^5 + 7^3 + 6^4 + 5^6 + 4^7 + 3^2 + 2^8 + 1^1 + 0^0$
 $= 8 + 7 - 6! + 5 + 43^2 - 1 - 0!.$
- $1148 = 8^1 - 7^5 + 6^4 + 5^0 + 4^7 + 3^2 + 2^8 + 1^6 + 0^3$
 $= 8 \times 76 - 5! + (4^3 + 2) \times 10.$
- $1149 = 8^1 - 7^2 + 6^0 + 5^4 + 4^3 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 \times 7 + 6 + 543 \times 2 \times 1 + 0!.$
- $1150 = -8^1 - 7^5 + 6^4 + 5^0 + 4^7 + 3^3 + 2^8 + 1^6 + 0^2$
 $= -8 + 7 + 6! + 5 \times 43 \times 2 \times 1 + 0!.$
- $1151 = 8^2 - 7^5 + 6^0 + 5^6 + 4^3 + 3^7 + 2^4 + 1^8 + 0^1$
 $= -8 + 7 - (6 - 54) \times (3 + 21) \times 0!.$
- $1152 = -8^4 - 7^3 + 6^1 + 5^5 + 4^2 + 3^7 + 2^8 + 1^0 + 0^6$
 $= (87 - 6 - 5 - 4) \times (3 \times 2 + 10).$
- $1153 = -8^3 + 7^2 + 6^0 + 5^4 + 4^1 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 - 76 + 5! \times 4 + 3!! + 21 \times 0!.$
- $1154 = -8^2 + 7^0 + 6^3 + 5^4 + 4^1 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 \times (7 + 6) + 5!/(4 \times 3!) \times 210.$
- $1155 = -8^3 + 7^2 + 6^1 + 5^4 + 4^0 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 876 + 5 + 4^3 + 210.$
- $1156 = 8^2 - 7^5 + 6^1 + 5^6 + 4^3 + 3^7 + 2^4 + 1^0 + 0^8$
 $= (-8 + 7 \times 6) \times (5 - 4) \times (32 + 1 + 0!).$
- $1157 = -8^2 + 7^1 + 6^3 + 5^4 + 4^0 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (-8 + 7 \times 6) \times (5 + 4! + 3 + 2) + 1 \times 0!.$
- $1158 = -8^1 + 7^0 + 6^3 + 5^4 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7$
 $= -(8 - 7) \times (6 + 5!) + 4 \times 321 \times 0!.$
- $1159 = 8^3 - 7^1 + 6^0 + 5^2 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 \times 76 + 543 - 2 + 10.$
- $1160 = 8^2 - 7^4 + 6^3 + 5^1 + 4^5 + 3^7 + 2^6 + 1^0 + 0^8$
 $= (87 + 65 - 4 - 32) \times 10.$

- $1161 = 8^2 - 7^4 + 6^3 + 5^1 + 4^5 + 3^7 + 2^6 + 1^8 + 0^0$
 $= -8 + 76 + 5 + 4^3 + 2^{10}.$
- $1162 = 8^1 + 7^0 - 6^2 + 5^4 + 4^3 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 87 + 6! - 5 + 4! \times (-3! + 21 \times 0!).$
- $1163 = 8^0 - 7^5 + 6^4 + 5^1 + 4^7 + 3^3 + 2^8 + 1^6 + 0^2$
 $= (87 + 6) \times 5 - 4! + (3 \times 2)! + 1 + 0!.$
- $1164 = 8^1 - 7^5 + 6^4 + 5^2 + 4^7 + 3^0 + 2^8 + 1^6 + 0^3$
 $= (8 + 76 \times 5) \times (4 - (321 \times 0!)).$
- $1165 = 8^1 - 7^3 + 6^0 + 5^4 + 4^2 + 3^6 + 2^7 + 1^8 + 0^5$
 $= (8 + 7) \times (65 + 4) + (3 + 2)! + 10.$
- $1166 = 8^1 - 7^5 + 6^4 + 5^0 + 4^7 + 3^3 + 2^8 + 1^6 + 0^2$
 $= 87 + 6 \times 5 \times 4 \times 3 \times (2 + 1) - 0!.$
- $1167 = 8^5 - 7^6 + 6^4 + 5^7 + 4^3 + 3^8 + 2^0 + 1^2 + 0^1$
 $= 8 + 7 + (-6 + 54) \times (3 + 21) \times 0!.$
- $1168 = 8^5 - 7^6 + 6^4 + 5^7 + 4^3 + 3^8 + 2^1 + 1^0 + 0^2$
 $= 8 + (76 - 5 + 43 + 2) \times 10.$
- $1169 = 8^2 + 7^3 + 6^0 + 5^1 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 + 7 \times 6 \times 5 \times 4 + 321 \times 0!.$
- $1170 = 8^2 + 7^3 + 6^1 + 5^0 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= (8 + 76 + 5 - 4!) \times (3! + 2 + 10).$
- $1171 = -8^0 + 7^1 + 6^3 + 5^4 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7$
 $= -(8 + 7) \times 6 + 5 - 4 + 3! \times 210.$
- $1172 = 8^3 + 7^0 + 6^1 + 5^2 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 + 7 - 6 - 5! + 4 \times 321 - 0!.$
- $1173 = 8^3 + 7^1 + 6^0 + 5^2 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 \times 7 \times 6 + 5! \times (4 + 3) - 2 - 1 \times 0!.$
- $1174 = 8^1 + 7^0 + 6^3 + 5^4 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 + 7 - 6 - 5! + 4 \times 321 + 0!.$
- $1175 = -8^3 - 7^1 + 6^4 + 5^2 + 4^0 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 \times 7 + (6 + 5 + 4!) \times 32 \times 1 - 0!.$
- $1176 = -8^2 + 7^0 + 6^3 + 5^1 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= (87 + 6 + 54) \times (3^2 - 1) \times 0!.$
- $1177 = -8^5 + 7^4 - 6^6 + 5^7 + 4^3 + 3^2 + 2^0 + 1^8 + 0^1$
 $= 8 + 76 + 5 + 4^3 + 2^{10}.$
- $1178 = -8^3 + 7^0 + 6^4 + 5^1 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 87 + 6 + 543 \times 2 - 1 \times 0!.$
- $1179 = -8^2 - 7^5 + 6^3 + 5^6 + 4^1 + 3^7 + 2^4 + 1^8 + 0^0$
 $= 87 \times 6 + 5^4 + 32 \times 1 \times 0!.$
- $1180 = -8^3 + 7^1 + 6^4 + 5^0 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 87 + 6 + 543 \times 2 + 1 \times 0!.$
- $1181 = 8^0 - 7^3 + 6^2 + 5^4 + 4^1 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 8 + 7 \times (6 \times 5 - 43)^2 - 10.$
- $1182 = 8^3 + 7^0 + 6^2 + 5^1 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (-8 - 7 + 6 + 5 \times 4! \times (3 + 2)) \times (1 + 0!).$
- $1183 = -8^2 + 7^1 + 6^0 + 5^3 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 8 \times (7 - 6 + 5! + 4!) + (3! - 2)! - 1 \times 0!.$
- $1184 = 8^3 + 7^1 + 6^2 + 5^0 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 \times 76 - 54 + 3 \times 210.$
- $1185 = -8^1 + 7^2 + 6^0 + 5^3 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= (8 + 76 - 5) \times (-4 - 3 + 21 + 0!).$
- $1186 = -8^3 + 7^0 + 6^4 + 5^2 + 4^1 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (-8 - 7 + 6! - 5! - 4! + 32) \times (1 + 0!).$
- $1187 = 8^0 + 7^1 + 6^2 + 5^3 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 87 \times 6 - 54 + (3 \times 2)! - 1 \times 0!.$
- $1188 = 8^1 + 7^0 + 6^2 + 5^3 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= (-8 + 7 \times 6 \times 5 - 4) \times (3 + 2 + 1) \times 0!.$
- $1189 = -8^3 + 7^1 + 6^4 + 5^2 + 4^0 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -8 - 7 + (6 + 54) \times 3 + 2^{10}.$
- $1190 = 8^1 - 7^5 + 6^4 + 5^2 + 4^7 + 3^3 + 2^8 + 1^0 + 0^6$
 $= (87 - 6 + 5 + 4! + 3^2) \times 10.$
- $1191 = -8^1 + 7^2 + 6^3 + 5^4 + 4^0 + 3^5 + 2^6 + 1^8 + 0^7$
 $= -8 + 765 + 432 + 1 + 0!.$

- $1192 = -8^2 - 7^5 + 6^4 + 5^3 + 4^7 + 3^0 + 2^8 + 1^6 + 0^1$
 $= 8 \times (7 - 6 + 5) \times 4! + (3! - 2) \times 10.$
- $1193 = -8^0 - 7^5 + 6^1 + 5^4 + 4^7 + 3^6 + 2^8 + 1^3 + 0^2$
 $= -8 - 7 + 6! + (5! + 43) \times (2 + 1) - 0!.$
- $1194 = 8^1 - 7^2 + 6^3 + 5^0 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= -87 + 6 - 5 + 4 \times 32 \times 10.$
- $1195 = 8^3 + 7^2 + 6^0 + 5^1 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 + 765 + 432 - 10.$
- $1196 = 8^3 + 7^2 + 6^1 + 5^0 + 4^4 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 876 + 5 \times (43 + 21) \times 0!.$
- $1197 = -8^0 + 7^2 + 6^1 + 5^3 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 876 + 5 - 4 + 321 - 0!.$
- $1198 = 8^2 - 7^5 + 6^4 + 5^0 + 4^7 + 3^1 + 2^8 + 1^6 + 0^3$
 $= 876 + 54 \times 3! - 2 \times 1 \times 0!.$
- $1199 = 8^0 + 7^2 + 6^1 + 5^3 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 876 + 5 - 4 + 321 + 0!.$
- $1200 = 8^2 - 7^5 + 6^4 + 5^1 + 4^7 + 3^0 + 2^8 + 1^6 + 0^3$
 $= (87 + 6 + 54 + 3) \times (-2 + 10).$
- $1201 = 8^1 + 7^2 + 6^0 + 5^3 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 876 + 5! / 4! + 32 \times 10.$
- $1202 = -8^2 - 7^3 + 6^4 + 5^0 + 4^1 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 876 + 54 \times 3! + 2 \times 1 \times 0!.$
- $1203 = 8^0 + 7^2 + 6^3 + 5^4 + 4^1 + 3^5 + 2^6 + 1^8 + 0^7$
 $= -87 - 6 + 54 \times 3 \times (-2 + 10).$
- $1204 = 8^1 + 7^2 - 6^3 + 5^0 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= -87 + 6 + 5 + 4 \times 32 \times 10.$
- $1205 = -8^3 - 7^4 + 6^1 + 5^5 + 4^0 + 3^6 + 2^8 + 1^7 + 0^2$
 $= 8 + 765 + 432 + 1 - 0!.$
- $1206 = -8^1 - 7^4 + 6^3 + 5^5 + 4^2 + 3^0 + 2^8 + 1^7 + 0^6$
 $= 876 + 5 + 4 + 321 \times 0!.$
- $1207 = 8^1 + 7^2 + 6^3 + 5^4 + 4^0 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 + 765 + 432 + 1 + 0!.$
- $1208 = -8^2 + 7^3 - 6^4 + 5^0 + 4^1 + 3^7 + 2^5 + 1^8 + 0^6$
 $= 8 + 7 + 6 + 5! + 43 + 2^{10}.$
- $1209 = 8^2 - 7^3 + 6^0 + 5^4 + 4^1 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 87 \times 6 + 5! \times 4 - 3 + 210.$
- $1210 = -8^3 + 7^2 + 6^4 + 5^0 + 4^1 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 + 7 + 6! + (-5 + 4!) \times (3 + 21 + 0!).$
- $1211 = -8^3 + 7^2 + 6^4 + 5^1 + 4^0 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 87 \times 6 - 5 - 4! + 3!! - 2 + 1 - 0!.$
- $1212 = 8^2 - 7^0 + 6^1 + 5^3 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= (-8 + 7 \times 6 \times 5) \times (4 - 3 + 2)! \times 1 \times 0!.$
- $1213 = 8^2 - 7^5 + 6^3 + 5^4 + 4^7 + 3^6 + 2^0 + 1^8 + 0^1$
 $= -8 + 76 + 5! + 4 - 3 + 2^{10}.$
- $1214 = 8^2 + 7^0 + 6^1 + 5^3 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 + (7 + 6 + 5) \times (4 + 3 \times 21) \times 0!.$
- $1215 = 8^2 + 7^1 + 6^0 + 5^3 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 + 765 + 432 + 10.$
- $1216 = 8^2 - 7^0 + 6^3 + 5^4 + 4^1 + 3^5 + 2^6 + 1^8 + 0^7$
 $= (87 - 6 - 5) \times 4 \times (-3 \times 2 + 10).$
- $1217 = -8^2 + 7^3 + 6^0 + 5^4 + 4^1 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 876 + 5 \times 4 + 321 \times 0!.$
- $1218 = 8^2 + 7^0 + 6^3 + 5^4 + 4^1 + 3^5 + 2^6 + 1^8 + 0^7$
 $= -8 - 7 - 6! + (5 + 4) \times (3!(2 + 1) + 0!).$
- $1219 = -8^3 + 7^1 + 6^0 + 5^4 + 4^5 + 3^2 + 2^6 + 1^8 + 0^7$
 $= 8 + 7 \times 6 \times (5 + 4!) - 3 \times 2 - 1 \times 0!.$
- $1220 = -8^3 - 7^4 + 6^1 + 5^5 + 4^2 + 3^6 + 2^8 + 1^0 + 0^7$
 $= (8 - 7 - 6 + 5! - 4) \times (3! \times 2 - 1) - 0!.$
- $1221 = 8^2 + 7^1 + 6^3 + 5^4 + 4^0 + 3^5 + 2^6 + 1^8 + 0^7$
 $= (-8 - 7 + 65) \times 4 - 3 + 2^{10}.$
- $1222 = -8^1 + 7^0 + 6^3 + 5^4 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -8 + 7 - 65 + 4 \times (321 + 0!).$

- $1223 = 8^0 - 7^1 + 6^3 + 5^4 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (-8 + 76 + 543) \times 2 \times 1 + 0!$.
- $1224 = -8^3 - 7^2 + 6^1 + 5^4 + 4^5 + 3^0 + 2^7 + 1^8 + 0^6$
 $= ((8 - 7) \times 6 \times 5 + 4! \times 3) \times (2 + 10)$.
- $1225 = 8^3 - 7^2 + 6^0 + 5^1 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 87 - 6 + 5 \times 4 \times 3! + 2^{10}$.
- $1226 = 8^3 - 7^2 + 6^1 + 5^0 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= (8 + 7 \times 6 \times (5 + 4!)) \times (-3 + 2 + 1 + 0!)$.
- $1227 = 8^2 - 7^5 + 6^4 + 5^1 + 4^7 + 3^3 + 2^8 + 1^6 + 0^0$
 $= 8 + 7 + 6 - 54 + 3! \times 210$.
- $1228 = -8^3 + 7^0 - 6^2 + 5^1 + 4^5 + 3^6 + 2^4 + 1^8 + 0^7$
 $= 8 - 76 + 54 \times 3 \times (-2 + 10)$.
- $1229 = 8^0 - 7^4 + 6^2 + 5^3 + 4^5 + 3^7 + 2^8 + 1^6 + 0^1$
 $= -8 + 7 + 6! \times (-5 + 4 + 3) - 210$.
- $1230 = 8^2 + 7^4 - 6^5 + 5^0 + 4^6 + 3^7 + 2^8 + 1^3 + 0^1$
 $= -8 \times 7 + 6 + 5 \times 4! - 3 \times 2 + 10$.
- $1231 = -8^1 + 7^2 + 6^0 + 5^4 + 4^3 + 3^5 + 2^8 + 1^7 + 0^6$
 $= (8 \times 7 + 6) \times 5 \times 4 - 3 \times (2 + 1) \times 0!$.
- $1232 = 8^1 - 7^5 + 6^2 + 5^4 + 4^7 + 3^6 + 2^8 + 1^0 + 0^3$
 $= (8 + 7 + 65 - 4!) \times (32 - 10)$.
- $1233 = 8^0 + 7^1 + 6^2 + 5^4 + 4^3 + 3^5 + 2^8 + 1^7 + 0^6$
 $= (8 - 7) \times 6! + 5! \times 4 + 32 \times 1 + 0!$.
- $1234 = 8^1 + 7^0 + 6^2 + 5^4 + 4^3 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 \times 7 \times 6 - 5 + 43 \times 21 \times 0!$.
- $1235 = -8^0 + 7^1 + 6^3 + 5^4 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -8 - 7 - 6 + (5^4 + 3) \times (2 + 1 - 0!)$.
- $1236 = 8^1 - 7^4 + 6^2 + 5^3 + 4^5 + 3^7 + 2^8 + 1^0 + 0^6$
 $= (-8 - 7 + 6 \times 54) \times (3 + 2 - 1) \times 0!$.
- $1237 = 8^0 + 7^1 + 6^3 + 5^4 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 87 \times (6 + 5) + (-4 + 32) \times 10$.
- $1238 = 8^1 + 7^0 + 6^3 + 5^4 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 + 7 - 6! + (5 + 4) \times 3!(2 + 1) - 0!$.
- $1239 = -8^2 + 7^1 + 6^0 + 5^3 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= (-8 - 7 + 6) \times 5 + 4! + 3! \times 210$.
- $1240 = -8^3 - 7^2 + 6^4 + 5^0 + 4^1 + 3^5 + 2^8 + 1^7 + 0^6$
 $= -8 - 7 \times 6 + 5 \times 43 \times (2 \times 1 + 0!)$.
- $1241 = 8^0 - 7^5 + 6^3 + 5^6 + 4^2 + 3^7 + 2^1 + 1^8 + 0^4$
 $= -(8 + 7 + 6) \times (5 + 4) + 3!! \times 2 - 10$.
- $1242 = -8^3 + 7^0 + 6^2 + 5^4 + 4^5 + 3^1 + 2^6 + 1^8 + 0^7$
 $= 87 \times 6 + 5 \times 4 + 3!! - 2 \times 10$.
- $1243 = -8^0 + 7^2 + 6^1 + 5^4 + 4^3 + 3^5 + 2^8 + 1^7 + 0^6$
 $= (8 - 7) \times (654 \times 3 - (2 + 1)!! + 0!)$.
- $1244 = 8^3 - 7^1 - 6^4 + 5^2 + 4^5 + 3^6 + 2^8 + 1^0 + 0^7$
 $= 8 - 7 + 654 \times 3 - (2 + 1)!! + 0!$.
- $1245 = 8^0 + 7^2 + 6^1 + 5^4 + 4^3 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 - 7 \times 6 - 5 + 4 \times 321 \times 0!$.
- $1246 = -8^3 + 7^1 + 6^2 + 5^4 + 4^5 + 3^0 + 2^6 + 1^8 + 0^7$
 $= (8 + 76 + 5) \times (4 \times 3 + 2) \times 1 \times 0!$.
- $1247 = 8^1 + 7^2 + 6^0 + 5^4 + 4^3 + 3^5 + 2^8 + 1^7 + 0^6$
 $= (-8 - 7 + 6 \times (5 + 4)) \times 32 - 1 \times 0!$.
- $1248 = -8^4 + 7^0 + 6^1 + 5^5 + 4^2 + 3^7 + 2^3 + 1^8 + 0^6$
 $= 8 \times 76 + 5 \times 4 \times 32 \times 1 \times 0!$.
- $1249 = -8^4 + 7^1 + 6^0 + 5^5 + 4^2 + 3^7 + 2^3 + 1^8 + 0^6$
 $= (8 \times 7 + 6) \times 5 \times 4 + 3 \times (2 + 1) \times 0!$.
- $1250 = -8^6 - 7^5 + 6^7 + 5^0 + 4^4 + 3^1 + 2^2 + 1^8 + 0^3$
 $= (-8 + 7 + 6)^{(5 + 4 - 3)/2} \times 10$.
- $1251 = -8^0 - 7^2 + 6^1 + 5^3 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= (-8 - 7 + 6) \times (5 - 4) + 3! \times 210$.
- $1252 = -8^1 + 7^0 + 6^3 + 5^2 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= -8 \times 76 + (5! + 4^3 + 2) \times 10$.
- $1253 = 8^2 - 7^5 + 6^0 + 5^4 + 4^7 + 3^6 + 2^8 + 1^3 + 0^1$
 $= 8 - 7 + 6 \times (-5 + 43) + 2^{10}$.

- $1254 = -8^6 - 7^5 + 6^7 + 5^0 + 4^4 + 3^2 + 2^1 + 1^8 + 0^3$
 $= -8 \times 7 + 6 \times 5 \times 43 + 2 \times 10.$
- $1255 = -8^3 + 7^2 + 6^0 + 5^4 + 4^5 + 3^1 + 2^6 + 1^8 + 0^7$
 $= -8 - 76 - 5 + 4^3 \times 21 \times 0!.$
- $1256 = -8^6 - 7^5 + 6^7 + 5^1 + 4^4 + 3^0 + 2^3 + 1^8 + 0^2$
 $= 8 \times 7 + 6! + 5! \times 4 + 321 \times 0.$
- $1257 = 8^2 - 7^4 + 6^0 + 5^3 + 4^5 + 3^7 + 2^8 + 1^6 + 0^1$
 $= 8 \times 7 + 6! + 5! \times 4 + (321 \times 0)!.$
- $1258 = -8^3 + 7^2 + 6^1 + 5^4 + 4^5 + 3^0 + 2^6 + 1^8 + 0^7$
 $= -8 + (-7 \times 6 + 5!) \times (4 + 3) + (2 + 1)!! \times 0!.$
- $1259 = 8^2 - 7^5 + 6^1 + 5^4 + 4^7 + 3^6 + 2^8 + 1^3 + 0^0$
 $= (87 \times 6 + 5! - 4 \times 3) \times 2 - 1 \times 0!.$
- $1260 = 8^2 + 7^0 + 6^1 + 5^4 + 4^3 + 3^5 + 2^8 + 1^7 + 0^6$
 $= (8 + 7) \times ((6 \times 5 + 4 + 3) \times 2 + 10).$
- $1261 = 8^2 + 7^1 + 6^0 + 5^4 + 4^3 + 3^5 + 2^8 + 1^7 + 0^6$
 $= (8 - 7)^{654} + 3! \times 210.$
- $1262 = 8^2 - 7^4 + 6^1 + 5^3 + 4^5 + 3^7 + 2^8 + 1^0 + 0^6$
 $= 8 - 7 \times 6 + 54 \times 3 \times (-2 + 10).$
- $1263 = 8^2 - 7^4 + 6^1 + 5^3 + 4^5 + 3^7 + 2^8 + 1^6 + 0^0$
 $= 8 - 7 + 6! + 5! + 432 - 10.$
- $1264 = 8^1 - 7^5 + 6^4 + 5^3 + 4^7 + 3^0 + 2^8 + 1^6 + 0^2$
 $= (8 + 76 - 5) \times 4 \times (3 + 2 - 1) \times 0!.$
- $1265 = -8^0 + 7^2 + 6^3 + 5^4 + 4^1 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -8 - 76 + 5 + 4^3 \times 21 \times 0!.$
- $1266 = -8^4 + 7^0 + 6^2 + 5^5 + 4^1 + 3^7 + 2^3 + 1^8 + 0^6$
 $= -8 - 76 + (5! + 4! - 3^2) \times 10.$
- $1267 = 8^0 + 7^2 + 6^3 + 5^4 + 4^1 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 \times 7 \times (65 + 4)/3 - 21 \times 0!.$
- $1268 = 8^1 + 7^0 + 6^3 + 5^2 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= (8 - 7) \times 6 \times 5 \times 43 - 21 - 0!.$
- $1269 = -8^4 + 7^1 + 6^2 + 5^5 + 4^0 + 3^7 + 2^3 + 1^8 + 0^6$
 $= -8 - 7 + 654 + 3 \times 210.$
- $1270 = -8^6 - 7^5 + 6^7 + 5^2 + 4^4 + 3^0 + 2^1 + 1^8 + 0^3$
 $= (876 - 5^4 + 3)/2 \times 10.$
- $1271 = 8^1 + 7^2 + 6^3 + 5^4 + 4^0 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 - 76 - 5 + 4^3 \times 21 \times 0!.$
- $1272 = -8^2 + 7^0 + 6^3 + 5^1 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 87 + 6! + 5! + 4! + 321 \times 0!.$
- $1273 = 8^1 - 7^5 + 6^4 + 5^3 + 4^7 + 3^2 + 2^8 + 1^6 + 0^0$
 $= 8 - (7 \times 6 - 5!) \times (4 + 3) + (2 + 1)!! - 0!.$
- $1274 = -8^2 + 7^1 + 6^3 + 5^0 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 8 - (7 \times 6 - 5!) \times (4 + 3) + (2 + 1)!! \times 0!.$
- $1275 = 8^1 - 7^5 + 6^0 + 5^6 + 4^4 + 3^7 + 2^2 + 1^8 + 0^3$
 $= 8 - (7 \times 6 - 5!) \times (4 + 3) + (2 + 1)!! + 0!.$
- $1276 = -8^1 + 7^2 + 6^3 + 5^0 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= ((-87 + 6!) \times (5 - 4) + 3 + 2) \times (1 + 0!).$
- $1277 = 8^0 - 7^5 + 6^1 + 5^6 + 4^4 + 3^7 + 2^3 + 1^8 + 0^2$
 $= 8 \times (7 \times 6 - 5) - 43 + 2^{10}.$
- $1278 = -8^6 - 7^5 + 6^7 + 5^2 + 4^4 + 3^1 + 2^3 + 1^0 + 0^8$
 $= (-8 - 7 + 654) \times (3! \times 2 - 10).$
- $1279 = -8^4 + 7^2 + 6^0 + 5^5 + 4^1 + 3^7 + 2^3 + 1^8 + 0^6$
 $= -8 + 7 \times (-6 + 5! + 4! \times 3 - 2) - 1 \times 0!.$
- $1280 = 8^2 - 7^0 + 6^3 + 5^4 + 4^1 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 - 7 - 6 + 5 + 4 \times 32 \times 10.$
- $1281 = -8^4 + 7^2 + 6^1 + 5^5 + 4^0 + 3^7 + 2^3 + 1^8 + 0^6$
 $= 876 - 5 + (43 - 2) \times 10.$
- $1282 = 8^2 + 7^0 + 6^3 + 5^4 + 4^1 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 + 76 + (54 + 3) \times 21 + 0!.$
- $1283 = 8^0 + 7^1 + 6^2 + 5^3 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= -87 - 6 + 5! - 4 + 3! \times 210.$
- $1284 = 8^1 + 7^0 + 6^2 + 5^3 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= (8 + 7 + 6 \times 5) \times 4! - 3! + 210.$

$$\bullet 1285 = 8^2 + 7^1 + 6^3 + 5^4 + 4^0 + 3^5 + 2^7 + 1^8 + 0^6 \\ = -8 + 7 + 6 + 5 \times 4 \times 32 \times (1 + 0!).$$

$$\bullet 1286 = 8^1 - 7^3 + 6^4 + 5^0 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7 \\ = (-8 - 76 + 5!) \times (4! - 3!) \times 2 - 10.$$

$$\bullet 1287 = -8^0 + 7^2 + 6^3 + 5^1 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7 \\ = (8 + 7 - 6) \times (5 + 4 \times 32 + 10).$$

$$\bullet 1288 = -8^3 - 7^1 + 6^2 + 5^0 + 4^5 + 3^6 + 2^4 + 1^8 + 0^7 \\ = 8 \times 7 \times (-6 + 54 - 3 - 21 - 0!).$$

$$\bullet 1289 = 8^0 + 7^2 + 6^3 + 5^1 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7 \\ = 8 + (-7 - 6 + 5!) \times 4 \times 3 - 2 - 1 \times 0!.$$

$$\bullet 1290 = -8^3 + 7^0 + 6^1 + 5^2 + 4^5 + 3^6 + 2^4 + 1^8 + 0^7 \\ = 87 \times (6 + 5 + 4) - 3 - 2 - 10.$$

$$\bullet 1291 = -8^3 + 7^1 + 6^0 + 5^2 + 4^5 + 3^6 + 2^4 + 1^8 + 0^7 \\ = -87 + 654 + 3!! + 2 + 1 + 0!.$$

$$\bullet 1292 = 8^1 + 7^2 + 6^3 + 5^0 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7 \\ = (8 - 76) \times (-5 + 4) \times (3^2 + 10).$$

$$\bullet 1293 = -8^4 + 7^1 + 6^0 + 5^5 + 4^3 + 3^7 + 2^2 + 1^8 + 0^6 \\ = 876 - 5 + 432 - 10.$$

$$\bullet 1294 = -8^3 - 7^1 + 6^4 + 5^0 + 4^2 + 3^5 + 2^8 + 1^7 + 0^6 \\ = 876 + 5^4 + 3 - 210.$$

$$\bullet 1295 = 8^0 + 7^2 + 6^1 + 5^3 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5 \\ = 87 \times 6 + 5 + 4! \times 32 \times 1 \times 0!.$$

$$\bullet 1296 = -8^6 - 7^5 + 6^7 + 5^2 + 4^4 + 3^3 + 2^1 + 1^0 + 0^8 \\ = (8 - 7) \times 6(5 + 4 - 3 - 2) \times 1 \times 0!.$$

$$\bullet 1297 = 8^1 + 7^2 + 6^0 + 5^3 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5 \\ = 876 + 5^4 + 3! - 210.$$

$$\bullet 1298 = 8^3 - 7^1 + 6^2 + 5^0 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = 8 \times (76 + 5 \times 4 \times 3) + 210.$$

$$\bullet 1299 = 8^0 + 7^3 + 6^1 + 5^4 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7 \\ = -8 + 7 + 65 \times 4 \times (-3 - 2 + 10).$$

$$\bullet 1300 = 8^3 + 7^0 + 6^1 + 5^2 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = (8 - 7) \times 65 \times 4 \times (-3 - 2 + 10).$$

$$\bullet 1301 = 8^3 + 7^1 + 6^0 + 5^2 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = (-8 + 7) \times ((-654 + 3) \times 2 + 1) \times 0!.$$

$$\bullet 1302 = -8^3 + 7^1 + 6^2 + 5^0 + 4^5 + 3^6 + 2^4 + 1^8 + 0^7 \\ = (8 + 7) \times 6 \times 5 + 4 \times (3 + 210).$$

$$\bullet 1303 = -8^2 + 7^3 + 6^0 + 5^1 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7 \\ = 876 - 5 + 4! \times (-3 + 21) \times 0!.$$

$$\bullet 1304 = 8^2 + 7^0 + 6^3 + 5^1 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7 \\ = 8 + (-7 + 65 - 4) \times (3 + 21) \times 0!.$$

$$\bullet 1305 = -8^4 + 7^1 + 6^0 + 5^5 + 4^2 + 3^7 + 2^6 + 1^8 + 0^3 \\ = (-8 + 7 + 6) \times (54 - 3 + 210).$$

$$\bullet 1306 = 8^2 + 7^1 + 6^3 + 5^0 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7 \\ = (-8 - 76 + 5!) \times (4! - 3!) \times 2 + 10.$$

$$\bullet 1307 = 8^2 - 7^5 + 6^3 + 5^6 + 4^1 + 3^7 + 2^4 + 1^8 + 0^0 \\ = 87 + 6 \times 5 \times (43 - 2) - 10.$$

$$\bullet 1308 = -8^3 + 7^1 + 6^4 + 5^0 + 4^2 + 3^5 + 2^8 + 1^7 + 0^6 \\ = 8 + (7 \times 6 + 5 \times 4! - 32) \times 10.$$

$$\bullet 1309 = 8^0 - 7^4 + 6^3 + 5^2 + 4^5 + 3^7 + 2^8 + 1^6 + 0^1 \\ = 8 \times 76 - 5 - 4 + (3 \times 2!) - 10.$$

$$\bullet 1310 = 8^3 + 7^0 + 6^2 + 5^1 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = (87 + (65 - 43) \times 2) \times 10.$$

$$\bullet 1311 = 8^2 + 7^1 + 6^0 + 5^3 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5 \\ = 87 - 6 \times (5 + 4 - 3 - 210).$$

$$\bullet 1312 = 8^3 + 7^1 + 6^2 + 5^0 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6 \\ = (8 - 7) \times 6 \times 5 \times 43 + 21 + 0!.$$

$$\bullet 1313 = -8^3 + 7^2 + 6^0 + 5^1 + 4^5 + 3^6 + 2^4 + 1^8 + 0^7 \\ = 876 - 5 + 432 + 10.$$

$$\bullet 1314 = -8^3 + 7^2 + 6^1 + 5^0 + 4^5 + 3^6 + 2^4 + 1^8 + 0^7 \\ = 8 \times 76 + 5! + (4 \times 3!)^2 + 10.$$

$$\bullet 1315 = -8^0 + 7^3 + 6^2 + 5^4 + 4^1 + 3^5 + 2^6 + 1^8 + 0^7 = 876 + 5 + 43$$

- $1316 = 8^1 - 7^4 + 6^3 + 5^2 + 4^5 + 3^7 + 2^8 + 1^0 + 0^6$
 $= (-8 + 76 + 5!) \times (4!/3 - (21 \times 0)!).$
- $1317 = 8^0 + 7^3 + 6^2 + 5^4 + 4^1 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 \times (7 \times 6 + 5!) + 4 - 3 + 2 \times 10.$
- $1318 = -8^4 - 7^0 + 6^2 + 5^5 + 4^3 + 3^7 + 2^1 + 1^8 + 0^6$
 $= -8 + (7 + 6) \times (5! - 4 - 3! + 2 - 10).$
- $1319 = -8^3 + 7^2 + 6^0 + 5^4 + 4^5 + 3^1 + 2^7 + 1^8 + 0^6$
 $= 8 - 7 + 6! - 5 \times 4! + 3!! - 2 \times 1 \times 0!.$
- $1320 = -8^4 + 7^0 + 6^2 + 5^5 + 4^3 + 3^7 + 2^1 + 1^8 + 0^6$
 $= (-8 + (7 + 6) \times (54 - 3)) \times 2 + 10.$
- $1321 = 8^1 + 7^3 + 6^2 + 5^4 + 4^0 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 - 7 \times 65 + 4! + 3!! + 2^{10}.$
- $1322 = -8^4 + 7^0 + 6^2 + 5^5 + 4^1 + 3^7 + 2^6 + 1^8 + 0^3$
 $= (-8 + 765 + 4! - (3 + 2)!) \times (1 + 0!).$
- $1323 = 8^3 + 7^2 + 6^0 + 5^1 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= (87 + 6 + 54) \times 3^2 \times 1 \times 0!.$
- $1324 = 8^3 + 7^2 + 6^1 + 5^0 + 4^4 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 \times 7 + 6 \times 5 \times 43 - 21 - 0!.$
- $1325 = -8^4 + 7^1 + 6^2 + 5^5 + 4^3 + 3^7 + 2^0 + 1^8 + 0^6$
 $= 8 + 7 - 6! + 5 + (43 + 2)^{(1 + 0)!}.$
- $1326 = -8^2 - 7^0 + 6^3 + 5^1 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= 8 \times (7 \times 6 + 5! + 4) - 3 + 2 - 1 \times 0!.$
- $1327 = 8^1 - 7^2 + 6^0 + 5^3 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 87 + 6 \times 5 \times (43 - 2) + 10.$
- $1328 = -8^2 + 7^0 + 6^3 + 5^1 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= 8 \times ((76 + 5 + 4 + 3) \times 2 - 10).$
- $1329 = 8^2 - 7^5 + 6^0 + 5^6 + 4^4 + 3^7 + 2^1 + 1^8 + 0^3$
 $= -8 + 7 \times (6 + 5! + 4^3 + 2 - 1) \times 0!.$
- $1330 = -8^2 + 7^1 + 6^3 + 5^0 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= (8 - 7) \times (6! + 5^4) - 3 - 2 - 10.$
- $1331 = 8^2 - 7^5 + 6^0 + 5^6 + 4^1 + 3^7 + 2^8 + 1^4 + 0^3$
 $= -8 \times (7 + 6) \times 5 + 43^2 + 1 + 0!.$
- $1332 = -8^6 - 7^5 + 6^7 + 5^2 + 4^3 + 3^0 + 2^8 + 1^4 + 0^1$
 $= 8 \times 7 + 6 \times (5 \times 43 - 2) - 1 - 0!.$
- $1333 = -8^4 + 7^2 + 6^0 + 5^5 + 4^3 + 3^7 + 2^1 + 1^8 + 0^6$
 $= -8 - 7 + 65 + 4 \times 321 - 0!.$
- $1334 = 8^3 - 7^4 + 6^1 + 5^0 + 4^5 + 3^7 + 2^2 + 1^8 + 0^6$
 $= -8 - 7 + 65 + 4 \times 321 \times 0!.$
- $1335 = -8^4 + 7^2 + 6^0 + 5^5 + 4^1 + 3^7 + 2^6 + 1^8 + 0^3$
 $= -8 - 7 + 65 + 4 \times 321 + 0!.$
- $1336 = 8^2 + 7^3 - 6^4 + 5^0 + 4^1 + 3^7 + 2^5 + 1^8 + 0^6$
 $= -8 + 7 \times (-6 - 5 - 4 - 3 + 210).$
- $1337 = -8^4 + 7^2 + 6^1 + 5^5 + 4^3 + 3^7 + 2^0 + 1^8 + 0^6$
 $= 8 \times 7 + 6 - 5 + 4 \times 32 \times 10.$
- $1338 = -8^3 + 7^2 + 6^4 + 5^0 + 4^1 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 \times (76 + 5!) - (4! - 3 + 2) \times 10.$
- $1339 = 8^0 + 7^1 + 6^2 + 5^3 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= 8 + 7 \times 6 + 5 + 4 \times 321 \times 0!.$
- $1340 = 8^1 + 7^0 + 6^2 + 5^3 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= 8 \times 76 - 5! + 4 \times (3 + 210).$
- $1341 = 8^3 - 7^4 + 6^2 + 5^5 + 4^0 + 3^1 + 2^6 + 1^8 + 0^7$
 $= 87 + 6 \times (-(5 - 4)^3 + 210).$
- $1342 = 8^3 - 7^4 + 6^2 + 5^5 + 4^1 + 3^0 + 2^6 + 1^8 + 0^7$
 $= -8 + (7 + 6) \times 5! + (-4 + 3) \times 210.$
- $1343 = 8^0 - 7^2 + 6^3 + 5^1 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= 8 \times 7 \times (65 - 43 + 2) - 1 \times 0!.$
- $1344 = -8^6 - 7^5 + 6^7 + 5^1 + 4^2 + 3^4 + 2^8 + 1^0 + 0^3$
 $= 8 \times 7 \times 6 \times (5 \times (4 - 3) - 2 + 1) \times 0!.$
- $1345 = 8^2 + 7^3 + 6^0 + 5^4 + 4^1 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 \times 7 \times (65 - 43 + 2) + 1 \times 0!.$

- $1346 = 8^1 - 7^2 + 6^3 + 5^0 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= 8 + 7 + (-6 + 5 + 4 \times 3)(2 + 1) \times 0!$
- $1347 = 8^2 + 7^3 + 6^1 + 5^4 + 4^0 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 \times 7 + 6 + 5 + 4^3 \times 2 \times 10.$
- $1348 = -8^1 + 7^0 + 6^3 + 5^2 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= (8 - 7 \times 6 + 5! \times 4 + 3) \times (2 + 1) + 0!$
- $1349 = -8^1 + 7^3 + 6^0 + 5^4 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 \times (-7 - 6 + 54) - 3 + 2^{10}.$
- $1350 = -8^1 + 7^0 + 6^3 + 5^4 + 4^2 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 - 7 + 65 + 4 \times 321 \times 0!$
- $1351 = 8^0 + 7^2 + 6^1 + 5^3 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= 8 \times (76 + 5!) - 4! \times 3^2 - 1 \times 0!$
- $1352 = -8^4 + 7^0 + 6^1 + 5^5 + 4^3 + 3^7 + 2^6 + 1^8 + 0^2$
 $= 8 + 7 \times (-6 - 5 - 4 - 3 + 210).$
- $1353 = 8^1 + 7^2 + 6^0 + 5^3 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= (8 + 7 - 6) \times (5! + 4 + 3) + 210.$
- $1354 = -8^3 - 7^4 + 6^2 + 5^1 + 4^6 + 3^0 + 2^7 + 1^8 + 0^5$
 $= 8 \times 76 + 5! - 4 + 3 \times 210.$
- $1355 = 8^3 - 7^4 + 6^1 + 5^2 + 4^5 + 3^7 + 2^0 + 1^8 + 0^6$
 $= (-8 + 76) \times 5 \times 4 + 3 + 2 - 10.$
- $1356 = 8^3 - 7^4 - 6^2 + 5^1 + 4^5 + 3^7 + 2^6 + 1^0 + 0^8$
 $= 876 + 5! \times 4 + 321 \times 0.$
- $1357 = 8^3 - 7^4 - 6^2 + 5^1 + 4^5 + 3^7 + 2^6 + 1^8 + 0^0$
 $= (-8 + 76) \times 5 \times 4 - 3 + 2 - 1 - 0!$
- $1358 = -8^4 - 7^5 + 6^1 + 5^6 + 4^3 + 3^8 + 2^2 + 1^0 + 0^7$
 $= 8 + (7 + 6) \times 5! + (-4 + 3) \times 210.$
- $1359 = 8^1 - 7^3 + 6^4 + 5^2 + 4^0 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (87 \times 6 + 5 - 4) \times 3 - 210.$
- $1360 = -8^3 - 7^0 - 6^2 + 5^4 + 4^5 + 3^1 + 2^8 + 1^7 + 0^6$
 $= (8 + 7 \times 6 + 54 + 32) \times 10.$
- $1361 = -8^0 + 7^3 + 6^1 + 5^4 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 87 \times 6 + 5! + (4 \times 3/2)! - 1 \times 0!$
- $1362 = 8^3 - 7^4 + 6^2 + 5^0 + 4^5 + 3^7 + 2^1 + 1^8 + 0^6$
 $= 876 + 54 \times (-3 + 2 + 10).$
- $1363 = 8^0 + 7^3 + 6^1 + 5^4 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -8 - 7 + 6! + 5^4 + 32 + 1 \times 0!$
- $1364 = 8^1 + 7^0 + 6^3 + 5^2 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= -8 - 7 + 6! + 5^4 + 32 + 1 + 0!$
- $1365 = 8^1 + 7^3 + 6^0 + 5^4 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (8 + 7) \times (6 + 5) + 4! \times (3 + 2) \times 10.$
- $1366 = 8^2 + 7^0 + 6^1 + 5^3 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= 87 - 6 + 5 + 4 \times 32 \times 10.$
- $1367 = 8^2 + 7^1 + 6^0 + 5^3 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= (8 + 7 + 6! - 54 + 3) \times 2 - 1 \times 0!$
- $1368 = 8^2 + 7^3 - 6^4 + 5^0 + 4^1 + 3^7 + 2^6 + 1^8 + 0^5$
 $= (87 + 65) \times (-4 \times 3 + 21) \times 0!$
- $1369 = -8^1 + 7^3 + 6^2 + 5^4 + 4^0 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 \times 7 + 6! + 5^4 - 32 \times 1 \times 0!$
- $1370 = 8^1 - 7^5 + 6^2 + 5^6 + 4^3 + 3^7 + 2^8 + 1^0 + 0^4$
 $= 87 - 6 + 5 + 4 \times 321 \times 0!$
- $1371 = 8^1 - 7^5 + 6^2 + 5^6 + 4^3 + 3^7 + 2^8 + 1^4 + 0^0$
 $= 8 - 7 - 6 + 5! - 4 + 3! \times 210.$
- $1372 = -8^1 + 7^2 + 6^3 + 5^0 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 87 + 6 - 5 + 4 \times 321 \times 0!$
- $1373 = -8^3 - 7^5 + 6^4 + 5^2 + 4^7 + 3^6 + 2^8 + 1^1 + 0^0$
 $= -8 + 7 \times 6 + 5^4 - 3! + (2 + 1)!! \times 0!$
- $1374 = -8^6 - 7^5 + 6^7 + 5^3 + 4^4 + 3^1 + 2^2 + 1^0 + 0^8$
 $= 8 + 7 + 6! + 5 \times 4 \times 32 \times 1 - 0!$
- $1375 = -8^6 - 7^5 + 6^7 + 5^3 + 4^4 + 3^1 + 2^2 + 1^8 + 0^0$
 $= (8 + 7 + 65 \times 4) \times (3 + 2) + 1 \times 0.$

- $1376 = -8^5 + 7^4 - 6^6 + 5^7 + 4^2 + 3^0 + 2^8 + 1^3 + 0^1$
 $= 8 \times (76 - 54) + (3 + 2)! \times 10.$
- $1377 = -8^6 - 7^5 + 6^7 + 5^3 + 4^4 + 3^2 + 2^0 + 1^8 + 0^1$
 $= (-87 - 6 + 5!) \times (4! + 3!(2 + 1) \times 0!).$
- $1378 = -8^6 - 7^5 + 6^7 + 5^3 + 4^4 + 3^2 + 2^1 + 1^0 + 0^8$
 $= (-87 + 6 \times 5! + 4! + 32) \times (1 + 0!).$
- $1379 = -8^1 + 7^3 + 6^0 + 5^2 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 87 \times (6 + 5) + 432 - 10.$
- $1380 = -8^6 - 7^5 + 6^7 + 5^3 + 4^1 + 3^2 + 2^8 + 1^0 + 0^4$
 $= (8 - 7 - 6 + 5!) \times 4 \times (3! - 2 - 1 \times 0!).$
- $1381 = 8^0 + 7^3 + 6^2 + 5^4 + 4^1 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 - 7 + 6! + 5 \times 4 \times (32 + 1) \times 0!.$
- $1382 = -8^4 + 7^0 + 6^2 + 5^5 + 4^3 + 3^7 + 2^6 + 1^8 + 0^1$
 $= 8 + 76 + (-5 + 4^3) \times (21 + 0!).$
- $1383 = -8^1 + 7^2 + 6^3 + 5^4 + 4^0 + 3^5 + 2^8 + 1^7 + 0^6$
 $= (8 + (-7 + 65) \times 4!) + 3 - 21 + 0!.$
- $1384 = -8^6 - 7^5 + 6^7 + 5^3 + 4^2 + 3^0 + 2^8 + 1^4 + 0^1$
 $= (-8 + 76) \times 5 \times 4 + 3 \times (-2 + 10).$
- $1385 = 8^1 + 7^3 + 6^2 + 5^4 + 4^0 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (8 + 7) \times (65 - 4 + 32) - 10.$
- $1386 = -8^6 - 7^5 + 6^7 + 5^3 + 4^2 + 3^1 + 2^8 + 1^0 + 0^4$
 $= -87 + 6! + 543 + 210.$
- $1387 = 8^0 - 7^3 + 6^1 + 5^4 + 4^5 + 3^2 + 2^6 + 1^8 + 0^7$
 $= 87 + 65 \times (-4 + 3 \times 2) \times 10.$
- $1388 = 8^1 + 7^2 + 6^3 + 5^0 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= -8 \times 7 + 6 \times 5! - 4 + 3!! - 2 + 10.$
- $1389 = -8^4 + 7^1 + 6^2 + 5^5 + 4^3 + 3^7 + 2^6 + 1^8 + 0^0$
 $= -8 + 76 \times 5 - 4 - 3 + 2^{10}.$
- $1390 = -8^1 + 7^3 + 6^2 + 5^0 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 + 7 + 6! + 5^4 + 32 - 1 - 0!.$
- $1391 = -8^0 + 7^3 + 6^1 + 5^2 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 + 7 + 6 + 5 \times (4^3 + 210).$
- $1392 = -8^2 + 7^0 + 6^3 + 5^1 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= (8 - 7) \times 6 \times (5! - 4) \times (3 - 2 + 1) \times 0!.$
- $1393 = 8^0 + 7^3 + 6^1 + 5^2 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 - 7 - 6 + 5 + (-4! + 3!!) \times 2 + 1 \times 0!.$
- $1394 = -8^2 + 7^1 + 6^3 + 5^0 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= (-8 + (7 + 6) \times 54 + 3) \times 2 + 1 - 0!.$
- $1395 = 8^1 + 7^3 + 6^0 + 5^2 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 876 + 5 + 4 + 3!! - 210.$
- $1396 = -8^1 + 7^0 + 6^2 + 5^3 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (-87 + 65 + (4 \times 3/2)!) \times (1 + 0!).$
- $1397 = 8^2 - 7^5 + 6^1 + 5^6 + 4^3 + 3^7 + 2^8 + 1^4 + 0^0$
 $= 87 + 6 \times 5 + 4 \times 32 \times 10.$
- $1398 = 8^3 - 7^5 + 6^4 + 5^0 + 4^7 + 3^2 + 2^1 + 1^8 + 0^6$
 $= 87 + 6 \times 5 \times 43 + 21 \times 0!.$
- $1399 = 8^1 + 7^2 + 6^3 + 5^4 + 4^0 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 + 765 - 4 + 3 \times 210.$
- $1400 = 8^2 + 7^0 + 6^3 + 5^1 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= (-8 + 7 + 6) \times 5 \times 4 \times (-3! + 2 \times 10).$
- $1401 = -8^4 + 7^2 + 6^1 + 5^5 + 4^3 + 3^7 + 2^6 + 1^8 + 0^0$
 $= 8 \times 7 + 6! + 5^4 + 3 - 2 - 1 \times 0!.$
- $1402 = 8^2 + 7^1 + 6^3 + 5^0 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 8 \times 7 + 6! + 5^4 + 3 - 2 \times 1 \times 0!.$
- $1403 = 8^0 + 7^3 + 6^2 + 5^1 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 \times 7 + 6! + 5^4 + 3 - 2 + 1 \times 0!.$
- $1404 = 8^1 + 7^0 + 6^2 + 5^3 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= (8 + 7 - 6) \times (5! + 4 \times 3 \times (2 + 1)) \times 0!.$
- $1405 = 8^3 - 7^4 + 6^2 + 5^5 + 4^0 + 3^1 + 2^7 + 1^8 + 0^6$
 $= 8 \times 7 + 65 + 4 \times 321 \times 0!.$

- $1406 = 8^1 + 7^3 + 6^2 + 5^0 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 \times 7 + 65 + 4 \times 321 + 0!$
- $1407 = 8^0 - 7^2 + 6^3 + 5^1 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= 876 + 543 - 2 - 10.$
- $1408 = 8^2 - 7^0 + 6^3 + 5^4 + 4^1 + 3^5 + 2^8 + 1^7 + 0^6$
 $= -8 + 76 - 5 + 4^3 \times 21 + 0!$
- $1409 = 8^2 + 7^3 + 6^0 + 5^4 + 4^1 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -8 - 7 - 6 \times 5 + 4! + 3!! \times 2 - 10.$
- $1410 = 8^2 + 7^0 + 6^3 + 5^4 + 4^1 + 3^5 + 2^8 + 1^7 + 0^6$
 $= (8 - 7) \times (6 + 5!) + 4 \times 321 \times 0!$
- $1411 = 8^2 + 7^3 + 6^1 + 5^4 + 4^0 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 876 + 543 + 2 - 10.$
- $1412 = 8^1 + 7^0 + 6^2 + 5^3 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 + (7 + 6) \times 54 \times (3 - 2 + 1) \times 0!$
- $1413 = 8^2 + 7^1 + 6^3 + 5^4 + 4^0 + 3^5 + 2^8 + 1^7 + 0^6$
 $= -8 - 7 + ((6!/5)/4!)! + 3!! - 2 - 10.$
- $1414 = -8^3 + 7^1 + 6^2 + 5^0 + 4^5 + 3^6 + 2^7 + 1^8 + 0^4$
 $= 8 \times (-7 - 6 + 5! + 4! \times 3 - 2) - 1 - 0!$
- $1415 = 8^0 + 7^2 + 6^1 + 5^3 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= (-8 + 7 \times 6 \times 5) \times (4 + 3) + 2 - 1 \times 0!$
- $1416 = 8^1 - 7^3 + 6^2 + 5^4 + 4^5 + 3^0 + 2^6 + 1^8 + 0^7$
 $= 8 \times (76 + 5! - 4! - 3 - 2 + 10).$
- $1417 = 8^1 + 7^2 + 6^0 + 5^3 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= 8 + (-7 + 65) \times 4! - 3 + 21 - 0!$
- $1418 = 8^3 - 7^4 + 6^1 + 5^2 + 4^5 + 3^7 + 2^6 + 1^0 + 0^8$
 $= 8 \times (-7 - 6 + 5! + 4! \times 3 - 2) + 1 + 0!$
- $1419 = 8^0 + 7^1 + 6^3 + 5^2 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= 8 - (7 - 65) \times 4! - 3 + 21 + 0!$
- $1420 = 8^1 + 7^0 + 6^3 + 5^2 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= (8 \times 7 + 654) \times (3! \times 2 - 10).$
- $1421 = -8^0 + 7^2 + 6^1 + 5^3 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= -8 + 76 \times (-5 + 4!) - 3 - 2 - 10.$
- $1422 = 8^1 - 7^0 - 6^2 + 5^4 + 4^3 + 3^6 + 2^5 + 1^8 + 0^7$
 $= (8 + 76 - 5) \times (-4 + 32 - 10).$
- $1423 = 8^0 + 7^2 + 6^1 + 5^3 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (-8 + 76) \times 5 \times 4 + 3 \times 21 \times 0!$
- $1424 = 8^3 - 7^4 + 6^2 + 5^0 + 4^5 + 3^7 + 2^6 + 1^8 + 0^1$
 $= 8 + 76 - 5 + 4^3 \times 21 + 0!$
- $1425 = 8^1 + 7^2 + 6^0 + 5^3 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= -8 + 76 \times (-5 + 4!) - 3 + 2 - 10.$
- $1426 = -8^3 + 7^2 + 6^1 + 5^0 + 4^5 + 3^6 + 2^7 + 1^8 + 0^4$
 $= -8 + 7 + 6 - 5 \times 4 + 3!! + (2 + 1)!! + 0!$
- $1427 = 8^3 + 7^4 - 6^5 + 5^1 + 4^6 + 3^7 + 2^0 + 1^8 + 0^2$
 $= 876 + 543 - 2 + 10.$
- $1428 = -8^1 + 7^2 + 6^3 + 5^0 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= (8 + 7 + 65 + 4) \times (-3 + 2 \times 10).$
- $1429 = 8^3 - 7^4 + 6^2 + 5^1 + 4^5 + 3^7 + 2^6 + 1^8 + 0^0$
 $= 8 \times (-7 + 6) - 5 + 4 + 3!! \times 2 - 1 - 0!$
- $1430 = 8^2 + 7^0 + 6^1 + 5^3 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= -7 + 6 + 5 - 4 + 3!! \times 2 - 10.$
- $1431 = 8^2 + 7^3 + 6^0 + 5^1 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 876 + 543 + 2 + 10.$
- $1432 = 8^2 + 7^3 + 6^1 + 5^0 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= -8 - 7 - 65 + 4! \times 3 \times 21 \times 0!$
- $1433 = -8^5 + 7^4 - 6^6 + 5^7 + 4^3 + 3^2 + 2^8 + 1^1 + 0^0$
 $= -8 - 7 - 6 + (-5 + 43)^2 + 10.$
- $1434 = -8^3 + 7^0 + 6^2 + 5^4 + 4^5 + 3^1 + 2^8 + 1^7 + 0^6$
 $= (-8 + 76) \times 54/3 + 210.$
- $1435 = -8^4 - 7^5 + 6^1 + 5^6 + 4^2 + 3^8 + 2^7 + 1^3 + 0^0$
 $= -8 - 7 + 6! + 5!/4! + 3!! + (2 + 1)! - 0!$
- $1436 = 8^2 - 7^0 + 6^1 + 5^3 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 87 + 65 + 4 \times 321 \times 0!$

- $1437 = -8^3 - 7^4 + 6^0 + 5^1 + 4^6 + 3^5 + 2^2 + 1^8 + 0^7$
 $= -8 - 7 + 6! + 5!/4! + 3!! + (2 + 1)! + 0!.$
- $1438 = 8^2 + 7^0 + 6^1 + 5^3 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (-8 + 76 \times 5) \times 4 - (3 + 2) \times 10.$
- $1439 = 8^2 + 7^1 + 6^0 + 5^3 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= -8 + 7 + 6 \times 5 \times 4 \times 3 \times 2 \times (1 + 0!).$
- $1440 = -8^4 - 7^0 + 6^3 + 5^5 + 4^1 + 3^7 + 2^2 + 1^8 + 0^6$
 $= 876 + 543 + 21 \times 0!.$
- $1441 = 8^0 + 7^2 + 6^3 + 5^1 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= -8 + 7 \times 6 \times 5 \times (4 + 3) - 21 \times 0!.$
- $1442 = -8^4 + 7^0 + 6^3 + 5^5 + 4^1 + 3^7 + 2^2 + 1^8 + 0^6$
 $= 8 + 7 + 6 - 5 - 4 + 3!! \times 2 - 10.$
- $1443 = -8^4 - 7^1 + 6^3 + 5^5 + 4^2 + 3^7 + 2^0 + 1^8 + 0^6$
 $= 87 + 65 \times 4! + 3! - 210.$
- $1444 = 8^1 + 7^2 + 6^3 + 5^0 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= (8 + 7 + 6 + 5 + 4 \times 3)^2 \times 1 \times 0!.$
- $1445 = -8^4 + 7^1 + 6^3 + 5^5 + 4^0 + 3^7 + 2^2 + 1^8 + 0^6$
 $= (-8 + 7 - 6 + 5 + 4 + 3!!) \times 2 \times 1 + 0!.$
- $1446 = 8^3 - 7^1 - 6^4 + 5^0 + 4^2 + 3^7 + 2^5 + 1^8 + 0^6$
 $= 8 \times 7 + (6 + 5 + 4 \times 32) \times 10.$
- $1447 = -8^3 + 7^2 + 6^0 + 5^4 + 4^5 + 3^1 + 2^8 + 1^7 + 0^6$
 $= 8 \times 7 \times 6 + (5 + 4!) \times 3 + 2^{10}.$
- $1448 = 8^3 + 7^4 - 6^5 + 5^2 + 4^6 + 3^7 + 2^1 + 1^0 + 0^8$
 $= -87 + 65 + (4 + 3) \times 210.$
- $1449 = 8^3 - 7^5 + 6^0 + 5^4 + 4^7 + 3^6 + 2^2 + 1^8 + 0^1$
 $= 8 - 76 + 5 + 4! \times 3 \times 21 \times 0!.$
- $1450 = -8^3 + 7^2 + 6^1 + 5^4 + 4^5 + 3^0 + 2^8 + 1^7 + 0^6$
 $= 8 + 7 \times 6 + 5 \times (-4 + 32) \times 10.$
- $1451 = 8^3 - 7^5 + 6^1 + 5^4 + 4^7 + 3^6 + 2^0 + 1^8 + 0^2$
 $= 8 + 7 + 6 \times 5 - 4! + 3!! \times 2 - 10.$
- $1452 = -8^4 + 7^0 + 6^3 + 5^5 + 4^2 + 3^7 + 2^1 + 1^8 + 0^6$
 $= (8 - 7) \times (6 + 5) \times 4 \times (32 + 1) \times 0!.$
- $1453 = 8^1 - 7^3 + 6^0 + 5^4 + 4^5 + 3^2 + 2^7 + 1^8 + 0^6$
 $= 8 \times 7 - 6 + 5! + 4 \times 321 - 0!.$
- $1454 = 8^3 - 7^5 + 6^4 + 5^0 + 4^7 + 3^1 + 2^6 + 1^8 + 0^2$
 $= (-8 + 76 + 54) \times 3! \times 2 - 10.$
- $1455 = -8^2 + 7^3 + 6^0 + 5^1 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= (-8 + 76 \times 5) \times 4 - 32 \times 1 - 0!.$
- $1456 = 8^2 + 7^0 + 6^3 + 5^1 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= (-8 \times 7 + 6 \times 5! + 4^3) \times 2 + 1 - 0!.$
- $1457 = -8^4 + 7^1 + 6^3 + 5^5 + 4^2 + 3^7 + 2^0 + 1^8 + 0^6$
 $= -8 \times 7 + 65 + 4 + (3!! + 2) \times (1 + 0!).$
- $1458 = 8^2 + 7^1 + 6^3 + 5^0 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= (8 + 7 - 6) \times (5! + 43 - 2/(1 + 0!)).$
- $1459 = 8^0 - 7^3 + 6^1 + 5^2 + 4^5 + 3^6 + 2^4 + 1^8 + 0^7$
 $= 8 + 7 + (6! + 5 - 4 + 3 - 2) \times (1 + 0!).$
- $1460 = 8^3 - 7^5 + 6^4 + 5^0 + 4^7 + 3^2 + 2^6 + 1^8 + 0^1$
 $= (8 + 7 + 6! - 5) \times (4 - 3 + 2 - 1 \times 0!).$
- $1461 = 8^1 - 7^3 + 6^0 + 5^2 + 4^5 + 3^6 + 2^4 + 1^8 + 0^7$
 $= (8 + 765 - 43) \times 2 + 1 \times 0!.$
- $1462 = -8^1 - 7^3 + 6^4 + 5^0 + 4^2 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 \times (76 - 5 + 4! - 3) \times 2 - 10.$
- $1463 = -8^3 + 7^1 - 6^4 + 5^5 + 4^0 + 3^2 + 2^7 + 1^8 + 0^6$
 $= -8 + 7 + 6 \times 5 + 4 + 3!! \times 2 - 10.$
- $1464 = 8^3 - 7^5 + 6^4 + 5^1 + 4^7 + 3^2 + 2^6 + 1^0 + 0^8$
 $= (8 + 7 - 6 + 5! - 4 - 3) \times (2 + 10).$
- $1465 = 8^3 - 7^5 + 6^4 + 5^1 + 4^7 + 3^2 + 2^6 + 1^8 + 0^0$
 $= (-8 \times 7 + 65 + 4 + 3!!) \times 2 - (1 - 0!)!.$
- $1466 = 8^3 - 7^0 + 6^1 + 5^4 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7$
 $= (-8 \times 7 + 65 + 4 + 3!!) \times 2 + 1 - 0!.$
- $1467 = 8^3 - 7^2 + 6^1 + 5^4 + 4^0 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (-8 \times 7 + 65 + 4 + 3!!) \times 2 + (1 - 0!)!.$

- $1468 = 8^3 + 7^0 + 6^1 + 5^4 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7$
 $= (8 - 7) \times (6! + 5 + 4! + 3!! - 2 + 1) \times 0!$
- $1469 = 8^3 + 7^1 + 6^0 + 5^4 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 - 7 + 6! + 5 + 4! + 3!! - 2 + 1 \times 0!$
- $1470 = -8^3 + 7^1 - 6^4 + 5^5 + 4^2 + 3^0 + 2^7 + 1^8 + 0^6$
 $= (-8 - 7 + 65 \times 4) \times (3 + 2 + (1 \times 0)!)$
- $1471 = -8^1 - 7^5 + 6^3 + 5^6 + 4^4 + 3^7 + 2^0 + 1^8 + 0^2$
 $= 8 \times 7 \times 6 \times 5 + 4 - 3 - 210$
- $1472 = 8^1 - 7^3 + 6^2 + 5^0 + 4^5 + 3^6 + 2^4 + 1^8 + 0^7$
 $= 8 \times (7 - 6) \times (5 \times 4 + 3) \times (-2 + 10)$
- $1473 = -8^0 - 7^3 + 6^4 + 5^1 + 4^2 + 3^5 + 2^8 + 1^7 + 0^6$
 $= (8 + 76) \times 5 \times 4 + 3 - 210$
- $1474 = -8^1 - 7^5 + 6^3 + 5^6 + 4^4 + 3^7 + 2^2 + 1^0 + 0^8$
 $= (-8 + 76 + 54) \times 3! \times 2 + 10$
- $1475 = -8^1 + 7^3 + 6^0 + 5^2 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 876 + 5^4 - 3! - 2 \times 10$
- $1476 = -8^1 + 7^0 + 6^3 + 5^2 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (8 - 7) \times (6 \times 5 \times 4 + 3) \times (2 + 10)$
- $1477 = -8^1 + 7^3 + 6^0 + 5^4 + 4^2 + 3^5 + 2^8 + 1^7 + 0^6$
 $= (-8 + 7 - 6) \times 5 + 4! \times 3 \times 21 + 0$
- $1478 = 8^3 - 7^5 + 6^4 + 5^2 + 4^7 + 3^1 + 2^6 + 1^0 + 0^8$
 $= -87 + 65 \times 4 \times 3! + (2 + 1)! - 0!$
- $1479 = 8^3 - 7^5 + 6^4 + 5^2 + 4^7 + 3^1 + 2^6 + 1^8 + 0^0$
 $= 8 + 7 + 6! + 5^4 + (3 + 2)! - 1 + 0$
- $1480 = -8^1 + 7^0 + 6^2 + 5^4 + 4^3 + 3^6 + 2^5 + 1^8 + 0^7$
 $= (87 - 6 - 5 + 4 - 3!) \times (21 - 0!)$
- $1481 = -8^0 + 7^1 + 6^3 + 5^2 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= 876 - 5! + 4 + (3 \times 2)! \times 1 + 0!$
- $1482 = 8^3 - 7^5 + 6^2 + 5^4 + 4^7 + 3^6 + 2^1 + 1^0 + 0^8$
 $= (-8 + (7 + 6) \times 5) \times (4 + 32 - 10)$
- $1483 = 8^0 + 7^1 + 6^3 + 5^2 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= -8 + 7 \times 6 \times 5 \times (4 + 3) + 21 \times 0!$
- $1484 = 8^1 + 7^0 + 6^3 + 5^2 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= (8 - 7 + 6) \times 5 + (4 + 3!!) \times 2 \times 1 + 0!$
- $1485 = -8^4 + 7^2 + 6^3 + 5^5 + 4^0 + 3^7 + 2^1 + 1^8 + 0^6$
 $= (8 + 7 - 6) \times (54 \times 3 + 2 + 1 \times 0!)$
- $1486 = 8^3 + 7^0 + 6^2 + 5^4 + 4^1 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 876 - 5 \times 4 + 3 \times 210$
- $1487 = -8^4 + 7^2 + 6^3 + 5^5 + 4^1 + 3^7 + 2^0 + 1^8 + 0^6$
 $= 876 + 5^4 + 3! - 2 \times 10$
- $1488 = 8^3 - 7^2 + 6^1 + 5^0 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= (87 + 6) \times 5 + 4(3 + 2) - 1 \times 0!$
- $1489 = 8^3 + 7^1 + 6^2 + 5^4 + 4^0 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 \times (-7 + 65 + 4) \times 3 + 2 - 1 \times 0!$
- $1490 = -8^2 + 7^0 + 6^1 + 5^4 + 4^3 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 876 + 5^4 - 3 + 2 - 10$
- $1491 = 8^1 + 7^3 + 6^0 + 5^2 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 8 + 7 + (6 \times 5 \times 4 + 3) \times (2 + 10)$
- $1492 = 8^1 + 7^0 + 6^3 + 5^2 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 876 + 5^4 - 3^2 \times 1 \times 0!$
- $1493 = 8^1 + 7^3 + 6^0 + 5^4 + 4^2 + 3^5 + 2^8 + 1^7 + 0^6$
 $= -8 + 765 - 4 + 3!! - 2 \times 10$
- $1494 = 8^1 - 7^0 + 6^2 + 5^4 + 4^3 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 + 7 - 6 + 5 \times (-4! + 321) \times 0!$
- $1495 = 8^0 + 7^1 + 6^2 + 5^4 + 4^3 + 3^6 + 2^5 + 1^8 + 0^7$
 $= (8 - 7 - 6 + 5!) \times (4 + 3! + 2 + 1 \times 0!)$
- $1496 = 8^1 + 7^0 + 6^2 + 5^4 + 4^3 + 3^6 + 2^5 + 1^8 + 0^7$
 $= (-8 + 7 \times 6) \times (-5 + 4! + 3 + 21 + 0!)$
- $1497 = -8^4 + 7^1 + 6^0 + 5^5 + 4^2 + 3^7 + 2^8 + 1^6 + 0^3$
 $= (8 - 7) \times (6 + 5) \times 43 + 2^{10}$
- $1498 = 8^2 - 7^3 + 6^1 + 5^0 + 4^5 + 3^6 + 2^4 + 1^8 + 0^7$
 $= 8 \times (76 + 5!) - 4! \times 3 + 2 \times 1 \times 0!$

- $1499 = 8^3 + 7^2 + 6^0 + 5^4 + 4^1 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 + 76 - 5 + (4! \times 3! - 2) \times 10.$
- $1500 = -8^1 + 7^2 + 6^3 + 5^0 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (87 + (-6 + 5) \times 4 \times 3) \times 2 \times 10.$
- $1501 = 8^3 + 7^2 + 6^1 + 5^4 + 4^0 + 3^5 + 2^6 + 1^8 + 0^7$
 $= -8 + 7 + 65 - 4 + 3!! \times 2 \times 1 + 0!.$
- $1502 = 8^1 + 7^3 + 6^2 + 5^0 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= -8 - 7 + 6! + (-5 + 43) \times 21 - 0!.$
- $1503 = -8^0 + 7^2 + 6^3 + 5^1 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= (8 + 7 - 6) \times (5! + 4! + 3 + 2 \times 10).$
- $1504 = -8^6 - 7^5 + 6^7 + 5^1 + 4^4 + 3^0 + 2^8 + 1^3 + 0^2$
 $= 8 \times (-7 + 6 + 54/3! \times 21) \times 0!.$
- $1505 = 8^0 + 7^2 + 6^3 + 5^1 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= (-8 + 76 - 5) \times 4! + 3!/2 - 10.$
- $1506 = 8^2 - 7^3 + 6^1 + 5^4 + 4^5 + 3^0 + 2^7 + 1^8 + 0^6$
 $= 87 \times 6 + 54 + 3!! + 210.$
- $1507 = 8^0 + 7^2 + 6^1 + 5^4 + 4^3 + 3^6 + 2^5 + 1^8 + 0^7$
 $= -87 - 6 + 5! \times 4/3! \times 2 \times 10.$
- $1508 = 8^1 + 7^2 + 6^3 + 5^0 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= -87 + 6 + 5 + 4! \times 3 \times (21 + 0!).$
- $1509 = 8^1 + 7^2 + 6^0 + 5^4 + 4^3 + 3^6 + 2^5 + 1^8 + 0^7$
 $= -8 \times 7 \times 6 - 5 + 43^2 + 1 + 0.$
- $1510 = 8^2 + 7^0 - 6^1 + 5^4 + 4^3 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 876 + 5^4 - 3 + 2 + 10.$
- $1511 = -8^0 + 7^2 + 6^3 + 5^1 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (-8 + 765) \times (-4 + 3!) - 2 - 1 \times 0!.$
- $1512 = -8^6 - 7^5 + 6^7 + 5^1 + 4^4 + 3^2 + 2^8 + 1^0 + 0^3$
 $= (8 \times 7 + 6 - 5 \times 4) \times 3!!/2/10.$
- $1513 = 8^1 + 7^3 + 6^2 + 5^4 + 4^0 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 \times 7 + 6 \times (5 + 4) \times (3! + 21) - 0!.$
- $1514 = -8^4 + 7^0 + 6^3 + 5^5 + 4^2 + 3^7 + 2^6 + 1^8 + 0^1$
 $= 8 \times 7 + 6 \times (5 + 4) \times (3! + 21) \times 0!.$
- $1515 = -8^1 - 7^4 + 6^0 + 5^5 + 4^3 + 3^6 + 2^2 + 1^8 + 0^7$
 $= 8 \times 7 + 6 \times (5 + 4) \times (3! + 21) + 0!.$
- $1516 = 8^1 + 7^2 + 6^3 + 5^0 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 876 + 5^4 + 3 + 2 + 10.$
- $1517 = -8^4 + 7^1 + 6^2 + 5^5 + 4^0 + 3^7 + 2^8 + 1^6 + 0^3$
 $= (8 - 765) \times (4 - 3!) + 2 + 1 \times 0!.$
- $1518 = 8^2 - 7^0 + 6^3 + 5^1 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= (87 - 65 + 4!) \times (32 + 1) \times 0!.$
- $1519 = -8^2 + 7^3 + 6^0 + 5^1 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= (87 \times 6 - 5 - 4) \times 3 - 2 \times 10.$
- $1520 = 8^2 + 7^0 + 6^3 + 5^1 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= 8 \times (7 - 6)^5 \times (4! - 3 - 2) \times 10.$
- $1521 = -8^4 + 7^1 + 6^3 + 5^5 + 4^2 + 3^7 + 2^6 + 1^8 + 0^0$
 $= 8 + (7 - 6)^5 + 4! \times 3 \times 21 \times 0!.$
- $1522 = 8^2 + 7^1 + 6^3 + 5^0 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= 8 \times 76 - 5! + 4 + 3! + 2^{10}.$
- $1523 = 8^2 + 7^1 + 6^0 + 5^4 + 4^3 + 3^6 + 2^5 + 1^8 + 0^7$
 $= -8 \times 7 + 65 \times 4! - 3 + 21 + 0!.$
- $1524 = -8^6 - 7^5 + 6^7 + 5^2 + 4^4 + 3^0 + 2^8 + 1^3 + 0^1$
 $= 87 + 6! + 5 + 4 + 3!! - 2 - 10.$
- $1525 = 8^0 - 7^5 + 6^1 + 5^6 + 4^4 + 3^7 + 2^8 + 1^3 + 0^2$
 $= 876 + 5^4 + 3 \times (-2 + 10).$
- $1526 = 8^2 - 7^0 + 6^3 + 5^1 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 \times 7 \times 6 + (5! - (4 - 3)^2) \times 10.$
- $1527 = 8^2 + 7^3 + 6^0 + 5^1 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= (-8 + 765 + 4 + 3) \times 2 - 1 \times 0!.$
- $1528 = 8^2 + 7^3 + 6^1 + 5^0 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= (-8 + 765 + 4 + 3) \times 2 \times 1 \times 0!.$

- $1529 = -8^4 + 7^2 + 6^1 + 5^5 + 4^0 + 3^7 + 2^8 + 1^6 + 0^3$
 $= (-8 + 765 + 4 + 3) \times 2 + 1 \times 0!$.
- $1530 = 8^2 + 7^1 + 6^3 + 5^0 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 87 \times (6 + 54)/3 - 210$.
- $1531 = 8^0 + 7^1 + 6^2 + 5^3 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= 8 - 7 + (6 \times 5! + 43 + 2) \times (1 + 0!)$.
- $1532 = 8^3 + 7^0 + 6^1 + 5^4 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 + 7 \times 6 - 5 + (4! + 3!!) \times 2 \times 1 - 0!$.
- $1533 = 8^3 + 7^1 + 6^0 + 5^4 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (8 + 7) \times 6 + 5! \times 4 \times 3 + 2 + 1 \times 0!$.
- $1534 = 8^3 - 7^4 + 6^2 + 5^5 + 4^1 + 3^0 + 2^8 + 1^7 + 0^6$
 $= (8 \times 7 - 6) \times 5 + 4 \times 321 \times 0!$.
- $1535 = 8^0 - 7^2 + 6^3 + 5^1 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= (8 - 7) \times 65 + (4 + 3) \times 210$.
- $1536 = 8^1 - 7^3 - 6^2 + 5^4 + 4^5 + 3^0 + 2^8 + 1^7 + 0^6$
 $= (8 + 7 + 6! + 5 - 4 + 32) \times (1 + 0!)$.
- $1537 = 8^2 + 7^3 + 6^0 + 5^4 + 4^1 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 + (7 + 6) \times 5! - (4! + 3 + 2 + 1) - 0!$.
- $1538 = 8^1 - 7^2 + 6^3 + 5^0 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= (-8 + 76 \times 5) \times 4 + (3 + 2) \times 10$.
- $1539 = 8^2 + 7^3 + 6^1 + 5^4 + 4^0 + 3^5 + 2^8 + 1^7 + 0^6$
 $= (87 - 6!/5) \times (4! + 3) \times (-2 + 1) \times 0!$.
- $1540 = -8^3 + 7^0 + 6^2 + 5^1 + 4^5 + 3^6 + 2^8 + 1^7 + 0^4$
 $= (-8 + 76 + 54 + 32) \times 10$.
- $1541 = -8^0 + 7^2 + 6^1 + 5^3 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= ((8 - 7 + 6) \times 5 - 4!)^3 + 210$.
- $1542 = -8^3 + 7^1 + 6^2 + 5^0 + 4^5 + 3^6 + 2^8 + 1^7 + 0^4$
 $= 87 \times 6 + (54 - 3) \times 2 \times 10$.
- $1543 = 8^0 + 7^2 + 6^1 + 5^3 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= 8 \times (76 + 5!) - 4! + 3 - 2 - 1 - 0!$.
- $1544 = -8^4 + 7^0 + 6^1 + 5^5 + 4^3 + 3^7 + 2^8 + 1^6 + 0^2$
 $= 8 \times (7 + 6) + 5! \times (4 - 3) \times (2 + 10)$.
- $1545 = 8^1 + 7^2 + 6^0 + 5^3 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= -8 + 7 + 6 + (5 + 4! \times 3) \times (21 - 0!)$.
- $1546 = 8^2 - 7^5 + 6^3 + 5^6 + 4^1 + 3^7 + 2^8 + 1^0 + 0^4$
 $= 8 + (765 + 4) \times (3! \times 2 - 10)$.
- $1547 = 8^1 + 7^3 + 6^0 + 5^2 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= -8 \times 7 + 6! + 54 \times 3 + (2 + 1)!! + 0!$.
- $1548 = 8^3 - 7^0 + 6^2 + 5^4 + 4^1 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (87 - 6 + 5 + 43) \times (2 + 10)$.
- $1549 = 8^3 - 7^1 + 6^0 + 5^2 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= -8 - 7 + 65 \times 4! + 3 + 2 - 1 \times 0!$.
- $1550 = 8^3 + 7^0 + 6^2 + 5^4 + 4^1 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (-8 + 7 + 6) \times (-5 + 4 + 32) \times 10$.
- $1551 = -8^4 + 7^2 + 6^3 + 5^5 + 4^1 + 3^7 + 2^6 + 1^8 + 0^0$
 $= (87 + 6 \times (5 + 4)) \times (3 - 2 + 10)$.
- $1552 = -8^2 - 7^5 + 6^4 + 5^1 + 4^7 + 3^6 + 2^3 + 1^0 + 0^8$
 $= (8 + 76 \times 5) \times (4 + 3 - 2 - 1) \times 0!$.
- $1553 = 8^3 + 7^1 + 6^2 + 5^4 + 4^0 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 - 7 + 65 \times 4! - 3^2 + 1 \times 0!$.
- $1554 = -8^3 + 7^2 + 6^1 + 5^0 + 4^5 + 3^6 + 2^8 + 1^7 + 0^4$
 $= (-8 + 7 + 65 \times 4) \times 3 \times 2 \times 1 \times 0!$.
- $1555 = 8^0 + 7^3 + 6^2 + 5^1 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= 8 - 7 + 65 \times 4! - 3 - 2 - 1 \times 0!$.
- $1556 = 8^3 - 7^5 + 6^1 + 5^6 + 4^2 + 3^7 + 2^4 + 1^0 + 0^8$
 $= 8 - 7 \times 6 + 5! + (4 + 3) \times 210$.
- $1557 = 8^3 - 7^5 + 6^2 + 5^6 + 4^0 + 3^7 + 2^1 + 1^8 + 0^4$
 $= 8 - 7 + 65 \times 4! - 3 - 2 + 1 \times 0!$.
- $1558 = 8^2 + 7^0 + 6^1 + 5^3 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= (8 - 7) \times 65 \times 4 \times 3! - 2 \times 1 \times 0!$.
- $1559 = 8^2 + 7^1 + 6^0 + 5^3 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= 8 \times (76 + 5!) - 4 - 3 - 2 \times 1 \times 0!$.

- $1560 = 8^3 - 7^1 + 6^2 + 5^0 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 876 + 54 + 3 \times 210.$
- $1561 = -8^3 - 7^4 + 6^0 + 5^1 + 4^6 + 3^5 + 2^7 + 1^8 + 0^2$
 $= 8 - 7 + 6! + 5 \times 4 \times (32 + 10).$
- $1562 = 8^3 + 7^0 + 6^1 + 5^2 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 + (7 + 6) \times 5 \times 4! - 3 - 2 - 1 \times 0!.$
- $1563 = 8^3 + 7^2 + 6^0 + 5^4 + 4^1 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -8 + (7 + 6) \times 5! - 4 + 3 + 2 + 10.$
- $1564 = -8^1 + 7^0 - 6^3 + 5^4 + 4^5 + 3^2 + 2^7 + 1^8 + 0^6$
 $= (87 - 65) \times 4! \times 3 - 2 \times 10.$
- $1565 = 8^3 + 7^2 + 6^1 + 5^4 + 4^0 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 - 7 + 65 \times 4! + 3 + 2 - 1 \times 0!.$
- $1566 = -8^4 - 7^1 + 6^2 + 5^5 + 4^3 + 3^7 + 2^8 + 1^0 + 0^6$
 $= 87 \times 6 \times (-54/3 + 21) \times 0!.$
- $1567 = -8^4 - 7^1 + 6^2 + 5^5 + 4^3 + 3^7 + 2^8 + 1^6 + 0^0$
 $= 8 - 7 + 65 \times 4! + 3 + 2 + 1 \times 0!.$
- $1568 = -8^3 + 7^0 + 6^4 + 5^1 + 4^2 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 \times (76 - (5 + 4) \times 3) \times (2 + 1 + 0!).$
- $1569 = -8^4 + 7^3 + 6^0 + 5^5 + 4^1 + 3^7 + 2^2 + 1^8 + 0^6$
 $= 8 + 7 + 65 \times 4! - 3 - 2 - 1 \times 0!.$
- $1570 = -8^3 + 7^1 + 6^4 + 5^0 + 4^2 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 + 7 + 65 \times 4! - 3! + 2 - 1 \times 0!.$
- $1571 = -8^4 + 7^3 + 6^1 + 5^5 + 4^0 + 3^7 + 2^2 + 1^8 + 0^6$
 $= 8 + 7 + 65 \times 4! - 3 - 2 + 1 \times 0!.$
- $1572 = 8^3 + 7^0 + 6^2 + 5^1 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 \times 76 - 5 \times 4 \times 3 + 2^{10}.$
- $1573 = 8^1 - 7^3 + 6^0 + 5^2 + 4^5 + 3^6 + 2^7 + 1^8 + 0^4$
 $= (-8 + 7) \times (6 + 5 - 4! \times 3 \times (21 + 0!)).$
- $1574 = 8^3 + 7^1 + 6^2 + 5^0 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 \times (7 + 6 \times 5 - 4) \times 3 \times 2 - 10.$
- $1575 = 8^3 - 7^5 + 6^2 + 5^6 + 4^1 + 3^7 + 2^4 + 1^8 + 0^0$
 $= 87 + (-6 + 54) \times (32 - 1) \times 0!.$
- $1576 = -8^3 + 7^0 + 6^4 + 5^2 + 4^1 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 + 7 \times 6 \times 5 \times 4 + 3!! - 2 + 10.$
- $1577 = 8^0 - 7^1 + 6^2 + 5^4 + 4^3 + 3^6 + 2^7 + 1^8 + 0^5$
 $= (8 + 76 - 5 + 4) \times (-3 + 21 + 0!).$
- $1578 = 8^1 - 7^0 - 6^3 + 5^4 + 4^5 + 3^2 + 2^7 + 1^8 + 0^6$
 $= 8 \times 7 \times 6 + 54 \times (3 + 21 - 0!).$
- $1579 = -8^4 + 7^3 + 6^0 + 5^5 + 4^2 + 3^7 + 2^1 + 1^8 + 0^6$
 $= 8 + 7 + 65 \times 4! + 3 + 2 - 1 \times 0!.$
- $1580 = -8^4 + 7^1 + 6^2 + 5^5 + 4^3 + 3^7 + 2^8 + 1^0 + 0^6$
 $= 8 + 7 + 65 \times 4! + 3! - 2 + 1 \times 0!.$
- $1581 = -8^4 + 7^1 + 6^2 + 5^5 + 4^3 + 3^7 + 2^8 + 1^6 + 0^0$
 $= 8 + 7 + 65 \times 4! + 3 + 2 + 1 \times 0!.$
- $1582 = 8^2 - 7^4 - 6^3 + 5^1 + 4^6 + 3^0 + 2^5 + 1^8 + 0^7$
 $= 8 + 7 + 65 \times 4! + 3! + 2 - 1 \times 0!.$
- $1583 = 8^2 + 7^3 + 6^0 + 5^1 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= 8 \times (76 + 5!) + (4 + 3) \times 2 + 1 \times 0!.$
- $1584 = 8^2 + 7^3 + 6^1 + 5^0 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= 8 \times (7 + 6 + 5) \times (4 + 3 + 2 + 1 + 0!).$
- $1585 = 8^3 + 7^2 + 6^0 + 5^1 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 - 7 + 6 \times 5! + 4! \times 3 \times (2 + 10).$
- $1586 = 8^3 + 7^2 + 6^1 + 5^0 + 4^4 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 - 7 \times 6 + 5 \times (4 + 32 \times 10).$
- $1587 = -8^4 + 7^2 + 6^0 + 5^5 + 4^3 + 3^7 + 2^8 + 1^6 + 0^1$
 $= (8 + 7) \times 6 \times 5 \times 4 - 3 - 210.$
- $1588 = 8^2 - 7^5 + 6^1 + 5^6 + 4^4 + 3^7 + 2^8 + 1^0 + 0^3$
 $= -8 + 7 \times 6 \times (5 + 4 \times 3 + 21) \times 0!.$
- $1589 = -8^1 + 7^2 + 6^0 + 5^4 + 4^3 + 3^6 + 2^7 + 1^8 + 0^5$
 $= -8 + 7 \times 6 \times (5 + 4 \times 3 + 21) \times 0!.$
- $1590 = 8^1 - 7^0 + 6^2 + 5^4 + 4^3 + 3^6 + 2^7 + 1^8 + 0^5$
 $= -8 \times 7 - 6 + 5^4 + 3 + 2^{10}.$

- $1591 = 8^0 + 7^1 + 6^2 + 5^4 + 4^3 + 3^6 + 2^7 + 1^8 + 0^5$
 $= -87 + 654 + 32(1 + 0!).$
- $1592 = 8^1 + 7^0 + 6^2 + 5^4 + 4^3 + 3^6 + 2^7 + 1^8 + 0^5$
 $= (8 - 7 + 65) \times 4! + 3! + 2 + 1 \times 0.$
- $1593 = -8^4 + 7^2 + 6^1 + 5^5 + 4^3 + 3^7 + 2^8 + 1^6 + 0^0$
 $= (87 - 6) \times 5 \times 4 - 3(2 + 1) \times 0!.$
- $1594 = -8^1 - 7^0 + 6^3 + 5^2 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= 876 + (5 + 4 - 3)! - 2 \times 1 \times 0!.$
- $1595 = -8^1 + 7^3 + 6^0 + 5^2 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= 876 + (5 + 4 - 3)! - 2 \times 1 + 0!.$
- $1596 = -8^1 + 7^0 + 6^3 + 5^2 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= -8 - 76 + 5! \times (4 + 3) \times 2 + 1 - 0!.$
- $1597 = 8^0 - 7^1 + 6^3 + 5^2 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= 8 + 7 \times (6 + 5) + 4! \times 3 \times 21 \times 0!.$
- $1598 = -8^3 - 7^2 + 6^4 + 5^0 + 4^1 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 876 + (5 + 4 - 3)! + 2 \times 1 \times 0!.$
- $1599 = -8^4 + 7^3 + 6^2 + 5^5 + 4^0 + 3^7 + 2^1 + 1^8 + 0^6$
 $= 8 + 7 + (-6 + 54) \times (32 + 1) \times 0!.$
- $1600 = -8^3 + 7^2 + 6^4 + 5^0 + 4^1 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 \times (7 + 6 - 5 - 4) \times (3 + 2) \times 10.$
- $1601 = -8^4 + 7^3 + 6^2 + 5^5 + 4^1 + 3^7 + 2^0 + 1^8 + 0^6$
 $= -8 + 7 + 6 \times (54 + 3 + 210).$
- $1602 = -8^1 - 7^4 - 6^2 + 5^5 + 4^3 + 3^6 + 2^7 + 1^0 + 0^8$
 $= 876 + (5 + 4)^3 - 2 - 1 \times 0!.$
- $1603 = 8^0 + 7^2 + 6^1 + 5^4 + 4^3 + 3^6 + 2^7 + 1^8 + 0^5$
 $= -8 - 7 + 6! - 5 + 43 \times 21 \times 0!.$
- $1604 = -8^1 - 7^5 + 6^4 + 5^0 + 4^7 + 3^6 + 2^3 + 1^8 + 0^2$
 $= (87 - 65) \times 4! \times 3 + 2 \times 10.$
- $1605 = 8^1 + 7^2 + 6^0 + 5^4 + 4^3 + 3^6 + 2^7 + 1^8 + 0^5$
 $= (-8 \times 7 + 65 - 4) \times 321 \times 0!.$
- $1606 = -8^1 + 7^3 + 6^2 + 5^0 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= 8 \times 7 + 65 \times 4 \times 3 \times 2 - 10.$
- $1607 = -8^0 + 7^3 + 6^1 + 5^2 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= 8 - 7 + 6 + (-5 + 43 + 2)(1 + 0!).$
- $1608 = 8^1 - 7^3 + 6^2 + 5^4 + 4^5 + 3^0 + 2^8 + 1^7 + 0^6$
 $= 876 + (5 + 4)^3 + 2 + 1 \times 0!.$
- $1609 = 8^0 + 7^3 + 6^1 + 5^2 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= (87 - 6) \times 5 \times 4 - 3 + 2 - 10.$
- $1610 = -8^2 + 7^0 + 6^4 + 5^1 + 4^3 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 \times 7 + 65 \times 4! - 3 - 2 - 1 \times 0!.$
- $1611 = 8^1 + 7^3 + 6^0 + 5^2 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= (8 + 7 - 6) \times (5! - 4 + 3 \times 21) \times 0!.$
- $1612 = 8^1 + 7^0 + 6^3 + 5^2 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= (87 - 6) \times 5 \times 4 - 3 \times 2 - 1 - 0!.$
- $1613 = 8^0 - 7^5 + 6^4 + 5^1 + 4^7 + 3^6 + 2^2 + 1^8 + 0^3$
 $= (8 - 76) \times (5 - 4!) + 321 \times 0!.$
- $1614 = -8^1 + 7^3 + 6^2 + 5^0 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (87 - 6) \times 5 \times 4 - 3 \times 2 - 1 + 0!.$
- $1615 = -8^0 + 7^3 + 6^1 + 5^2 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 \times (7 - 6) - 5! + (4 \times 3)(2 + 1) - 0!.$
- $1616 = 8^3 - 7^4 + 6^2 + 5^0 + 4^5 + 3^7 + 2^8 + 1^6 + 0^1$
 $= -8 + (-7 + 65) \times (4 + 3 \times (-2 + 10)).$
- $1617 = 8^0 + 7^3 + 6^1 + 5^2 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 + 7 - 6 \times (54 - 321) \times 0!.$
- $1618 = 8^2 + 7^0 + 6^1 + 5^4 + 4^3 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 8 \times 7 \times 6 \times 5 - (4^3 - 2) \times 1 \times 0!.$
- $1619 = 8^2 + 7^1 + 6^0 + 5^4 + 4^3 + 3^6 + 2^7 + 1^8 + 0^5$
 $= -8 + 7 + (6 + 54) \times (3! + 21) \times 0!.$
- $1620 = -8^1 + 7^2 + 6^3 + 5^0 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= (8 \times 7 + 65 + 43 - 2) \times 10.$
- $1621 = 8^3 - 7^4 + 6^2 + 5^1 + 4^5 + 3^7 + 2^8 + 1^6 + 0^0$
 $= -8 + (7 + 6) \times 5! + 4! \times 3 - 2 - 1 \times 0!.$

- $1622 = 8^1 + 7^3 + 6^2 + 5^0 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= 8 \times 7 \times (6 \times 5 - 4 + 3) - 2 \times 1 \times 0!$
- $1623 = 8^0 - 7^4 + 6^2 + 5^5 + 4^1 + 3^6 + 2^7 + 1^8 + 0^3$
 $= 8 \times 7 \times (-6 + 5 + 4! + 3 \times 2) - 1 \times 0!$
- $1624 = -8^6 - 7^5 + 6^7 + 5^4 + 4^1 + 3^0 + 2^3 + 1^8 + 0^2$
 $= 8 \times (-7 + 6) + 5! + 4! \times 3 \times 21 \times 0!$
- $1625 = -8^0 + 7^3 + 6^2 + 5^1 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 \times 76 + 5 - 4 \times 3 + 2^{10}$.
- $1626 = 8^1 - 7^0 + 6^3 + 5^4 + 4^2 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 \times 7 \times (6 \times 5 - 4 + 3) + 2 \times 1 \times 0!$
- $1627 = 8^0 + 7^3 + 6^2 + 5^1 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (87 - 6) \times 5 \times 4 + 3 \times 2 \times 1 + 0!$
- $1628 = 8^1 + 7^0 + 6^3 + 5^4 + 4^2 + 3^6 + 2^5 + 1^8 + 0^7$
 $= (8 + 7) \times (65 + 43) - 2 + 10$.
- $1629 = -8^4 + 7^3 + 6^0 + 5^5 + 4^1 + 3^7 + 2^6 + 1^8 + 0^2$
 $= (87 - 6) \times 5 \times 4 - 3 + 2 + 10$.
- $1630 = 8^1 + 7^3 + 6^2 + 5^0 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (8 - 7 + 6 + 5! + 4 + 32) \times 10$.
- $1631 = -8^4 + 7^3 + 6^1 + 5^5 + 4^0 + 3^7 + 2^6 + 1^8 + 0^2$
 $= (87 - 6) \times 5 \times 4 + 3 - 2 + 10$.
- $1632 = -8^6 - 7^5 + 6^7 + 5^4 + 4^1 + 3^2 + 2^3 + 1^0 + 0^8$
 $= 8 \times (7 - 6 + 5 - 4 \times 3 + 210)$.
- $1633 = 8^0 + 7^2 + 6^3 + 5^1 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= (-8 + 76) \times (-5! + 4! \times 3 \times 2) + 1 \times 0!$
- $1634 = 8^2 - 7^3 + 6^1 + 5^4 + 4^5 + 3^0 + 2^8 + 1^7 + 0^6$
 $= 8 \times 7 \times 6 \times 5 - 43 - 2 - 1 \times 0!$
- $1635 = 8^1 - 7^2 + 6^0 + 5^4 + 4^3 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 \times 7 \times 6 \times 5 - 43 - 2 \times 1 \times 0!$
- $1636 = 8^1 + 7^2 + 6^3 + 5^0 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= (87 + 6 + 5 + 4) \times 3! + 2^{10}$.
- $1637 = 8^1 - 7^5 + 6^4 + 5^2 + 4^7 + 3^6 + 2^0 + 1^8 + 0^3$
 $= 8 \times 7 \times 6 \times 5 - 43 + 2 - 1 - 0!$
- $1638 = -8^6 - 7^5 + 6^7 + 5^4 + 4^2 + 3^1 + 2^3 + 1^0 + 0^8$
 $= (8 + 7 - 6 + 5!/4) \times (32 + 10)$.
- $1639 = 8^3 - 7^2 + 6^0 + 5^1 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= (-8 + 76) \times (5 + 4) + 3 + 2^{10}$.
- $1640 = -8^2 + 7^0 + 6^3 + 5^4 + 4^1 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 8 \times 7 \times 6 \times 5 - 4! - 3 \times 2 - 10$.
- $1641 = -8^4 + 7^3 + 6^0 + 5^5 + 4^2 + 3^7 + 2^6 + 1^8 + 0^1$
 $= 8 - 7 + 6! + (5! + 4^3) \times ((2 + 1)! - 0!)$.
- $1642 = -8^5 + 7^4 - 6^1 + 5^6 + 4^7 + 3^0 + 2^2 + 1^8 + 0^3$
 $= -8 + 7 \times 6 \times 5 + 4! \times 3 \times 2 \times 10$.
- $1643 = -8^2 + 7^1 + 6^3 + 5^4 + 4^0 + 3^6 + 2^7 + 1^8 + 0^5$
 $= -8 - 76 + 54 \times 32 - 1 \times 0!$
- $1644 = 8^1 - 7^5 + 6^4 + 5^2 + 4^7 + 3^6 + 2^3 + 1^0 + 0^8$
 $= -8 - 76 + 54 \times 32 \times 1 \times 0!$
- $1645 = -8^1 + 7^2 + 6^3 + 5^4 + 4^0 + 3^6 + 2^5 + 1^8 + 0^7$
 $= -8 - 76 + 54 \times 32 + 1 \times 0!$
- $1646 = -8^4 + 7^3 + 6^1 + 5^5 + 4^2 + 3^7 + 2^6 + 1^0 + 0^8$
 $= 8 - 7 \times 6 \times 5 + 43^2 - 1 \times 0!$
- $1647 = 8^2 + 7^3 + 6^0 + 5^1 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= (87 - 6) \times 5 \times 4 + 3(2 + 1) \times 0!$
- $1648 = 8^2 + 7^3 + 6^1 + 5^0 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= 8 - 7 \times 6 \times 5 + 43^2 + 1 \times 0!$
- $1649 = -8^5 + 7^4 - 6^0 + 5^6 + 4^7 + 3^1 + 2^2 + 1^8 + 0^3$
 $= -8 + 7 + 6! \times (-5 + 4 + 3) + 210$.
- $1650 = 8^2 + 7^1 + 6^3 + 5^0 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= (8 + 76 - 5 - 4!) \times 3!/2 \times 10$.
- $1651 = -8^5 + 7^4 + 6^0 + 5^6 + 4^7 + 3^1 + 2^2 + 1^8 + 0^3$
 $= 8 \times 7 \times 6 \times 5 + 4 - 32 \times 1 - 0!$
- $1652 = 8^3 - 7^5 + 6^4 + 5^0 + 4^7 + 3^2 + 2^8 + 1^6 + 0^1$
 $= (8 + 7 - 6 + 5) \times (4 \times 32 - 10)$.

- $1653 = 8^2 - 7^4 + 6^1 + 5^5 + 4^0 + 3^6 + 2^7 + 1^8 + 0^3$
 $= 87 \times (65 - 4 - 32 - 10).$
- $1654 = -8^5 + 7^4 + 6^1 + 5^6 + 4^7 + 3^0 + 2^2 + 1^8 + 0^3$
 $= (8 + 7 \times (-6 + 5 \times 4! + 3)) \times 2 \times 1 + 0.$
- $1655 = 8^2 + 7^3 + 6^0 + 5^1 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (8 + 76) \times 5 \times 4 - 3 - 21 - 0!.$
- $1656 = 8^2 + 7^3 + 6^1 + 5^0 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (8 - 7 + 6 + 5 - 4) \times (-3 + 210).$
- $1657 = 8^0 + 7^2 + 6^3 + 5^4 + 4^1 + 3^6 + 2^5 + 1^8 + 0^7$
 $= -8 - 7 + 654 - 3! + 2^{10}.$
- $1658 = 8^3 + 7^0 + 6^1 + 5^2 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 8 - 76 + 54 \times 32 - 1 - 0!.$
- $1659 = 8^3 + 7^1 + 6^0 + 5^2 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 8 - 76 + 54 \times 32 - 1 \times 0!.$
- $1660 = 8^3 + 7^0 + 6^1 + 5^4 + 4^2 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 \times 7 \times 6 \times 5 + 4 - 3 - 21 \times 0!.$
- $1661 = 8^3 + 7^1 + 6^0 + 5^4 + 4^2 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 \times 7 \times 6 \times 5 - 4! + 3 + 2 \times 1 \times 0!.$
- $1662 = -8^3 - 7^0 + 6^4 + 5^1 + 4^2 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 87 + 6! - 5 + 43 \times 2 \times 10.$
- $1663 = 8^0 - 7^3 - 6^4 + 5^2 + 4^5 + 3^7 + 2^6 + 1^8 + 0^1$
 $= -87 + 6! + 5 + 4(3 + 2) + 1 \times 0!.$
- $1664 = -8^4 + 7^3 + 6^2 + 5^5 + 4^1 + 3^7 + 2^6 + 1^0 + 0^8$
 $= 8 \times 7 \times 6 \times 5 + (4 - 3!) \times (-2 + 10).$
- $1665 = -8^4 + 7^3 + 6^2 + 5^5 + 4^1 + 3^7 + 2^6 + 1^8 + 0^0$
 $= (8 + 7) \times (6 \times 54 - 3 - 210).$
- $1666 = -8^5 + 7^4 + 6^1 + 5^6 + 4^7 + 3^2 + 2^3 + 1^0 + 0^8$
 $= 8 \times 7 \times 6 \times 5 + 4 - 3! - 2 - 10.$
- $1667 = -8^5 + 7^4 + 6^1 + 5^6 + 4^7 + 3^2 + 2^3 + 1^8 + 0^0$
 $= 8 - 7 + 6! + 5^4 + 321 \times 0!.$
- $1668 = 8^3 + 7^0 + 6^2 + 5^1 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 8 \times 7 \times 6 \times 5 \times (4 - 3) - 2 - 10.$
- $1669 = -8^5 + 7^4 - 6^1 + 5^6 + 4^7 + 3^3 + 2^2 + 1^8 + 0^0$
 $= 8 \times 7 \times 6 \times 5 + 4 - 3 - 2 - 10.$
- $1670 = 8^3 + 7^1 + 6^2 + 5^0 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 8 - 76 + 54 \times 32 + 10.$
- $1671 = -8^2 + 7^3 + 6^0 + 5^4 + 4^1 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 \times 7 \times 6 \times 5 + 4 \times 3 - 21 \times 0!.$
- $1672 = 8^2 + 7^0 + 6^3 + 5^4 + 4^1 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 \times (7 - 6) \times (5 \times 43 - (2 + 1)!) \times 0!.$
- $1673 = -8^5 + 7^4 + 6^0 + 5^6 + 4^7 + 3^3 + 2^1 + 1^8 + 0^2$
 $= -8 + 7 + 6 \times ((5 + 4 \times 3)^2 - 10).$
- $1674 = -8^2 + 7^0 + 6^4 + 5^1 + 4^3 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 \times 7 \times 6 \times 5 - 4 + 3! + 2 - 10.$
- $1675 = 8^2 + 7^1 + 6^3 + 5^4 + 4^0 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 + 765 + 43 \times 21 - 0!.$
- $1676 = -8^2 + 7^1 + 6^4 + 5^0 + 4^3 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 + 765 + 43 \times 21 \times 0!.$
- $1677 = -8^5 + 7^4 + 6^1 + 5^6 + 4^7 + 3^3 + 2^0 + 1^8 + 0^2$
 $= 8 + 765 + 43 \times 21 + 0!.$
- $1678 = 8^3 + 7^0 + 6^2 + 5^4 + 4^1 + 3^5 + 2^8 + 1^7 + 0^6$
 $= -8 \times 7 + 6 + (5!/(4 + 3!))(2 + 1) \times 0!.$
- $1679 = 8^0 - 7^4 + 6^3 + 5^5 + 4^1 + 3^6 + 2^2 + 1^8 + 0^7$
 $= 8 \times 7 \times 6 \times 5 - 4 + 3 - 2 + 1 + 0!.$
- $1680 = -8^5 + 7^4 + 6^1 + 5^6 + 4^7 + 3^3 + 2^2 + 1^0 + 0^8$
 $= (87 + 6! - 5 + 43) \times 2 - 10.$
- $1681 = 8^3 + 7^2 + 6^0 + 5^1 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 8 \times 7 \times 6 \times 5 - 4 - 3 - 2 + 10.$
- $1682 = 8^3 + 7^2 + 6^1 + 5^0 + 4^4 + 3^6 + 2^7 + 1^8 + 0^5$
 $= (8 \times 76 - 54) \times 3 + 2 \times 10.$
- $1683 = -8^5 + 7^4 + 6^2 + 5^6 + 4^7 + 3^1 + 2^0 + 1^8 + 0^3$
 $= (-87 + 654 - 3!) \times (2 + 1) \times 0!.$

- $1684 = -8^2 + 7^0 + 6^1 + 5^4 + 4^5 + 3^3 + 2^6 + 1^8 + 0^7$
 $= 8 - 7 \times 6 + 54 \times 32 - 10.$
- $1685 = -8^2 + 7^1 + 6^0 + 5^4 + 4^5 + 3^3 + 2^6 + 1^8 + 0^7$
 $= 8 + (76 - 5) \times 4! - 3(2 + 1) \times 0!.$
- $1686 = -8^1 + 7^0 + 6^4 + 5^2 + 4^3 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 \times 7 \times 6 \times 5 + 4 - 3! - 2 + 10.$
- $1687 = 8^0 - 7^1 + 6^4 + 5^2 + 4^3 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 \times 7 \times 6 + 5^4 + 3! + (2 + 1)!! \times 0!.$
- $1688 = -8^5 + 7^4 + 6^2 + 5^6 + 4^7 + 3^0 + 2^3 + 1^8 + 0^1$
 $= 8 \times (-76 + 5! - 43 + 210).$
- $1689 = 8^1 - 7^2 + 6^4 + 5^3 + 4^0 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 \times 7 \times 6 \times 5 - 4 \times 3 + 21 \times 0!.$
- $1690 = -8^5 + 7^4 + 6^2 + 5^6 + 4^7 + 3^1 + 2^3 + 1^0 + 0^8$
 $= (87 + 6 - (5 - 43) \times 2) \times 10.$
- $1691 = 8^3 + 7^2 + 6^0 + 5^4 + 4^1 + 3^5 + 2^8 + 1^7 + 0^6$
 $= (87 + 6 + 5 - 4) \times (-3 + 21) - 0!.$
- $1692 = 8^1 - 7^2 + 6^4 + 5^0 + 4^3 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (87 + 6 + 5 + 43) \times (2 + 10).$
- $1693 = 8^3 + 7^2 + 6^1 + 5^4 + 4^0 + 3^5 + 2^8 + 1^7 + 0^6$
 $= -8 + (7 - 6 + 5)! - 43 + 2^{10}.$
- $1694 = -8^4 + 7^0 + 6^3 + 5^5 + 4^1 + 3^7 + 2^8 + 1^6 + 0^2$
 $= 8 \times 7 \times 6 \times 5 - 4 + 3! + 2 + 10.$
- $1695 = 8^1 - 7^4 + 6^3 + 5^5 + 4^2 + 3^6 + 2^0 + 1^8 + 0^7$
 $= (8 + 76 + 5 + 4!) \times (3 + 2 + 10).$
- $1696 = -8^3 + 7^2 + 6^4 + 5^0 + 4^1 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 8 \times 7 \times 6 \times 5 + (-4 + 3!) \times (-2 + 10).$
- $1697 = -8^4 + 7^1 + 6^3 + 5^5 + 4^0 + 3^7 + 2^8 + 1^6 + 0^2$
 $= 8 \times 7 \times 6 \times 5 + 4! - 3 \times 2 - 1 \times 0!.$
- $1698 = -8^4 - 7^1 + 6^3 + 5^5 + 4^2 + 3^7 + 2^8 + 1^0 + 0^6$
 $= 8 \times 7 \times 6 \times 5 + 4! - 3 - 2 \times 1 - 0!.$
- $1699 = -8^0 + 7^1 + 6^4 + 5^2 + 4^3 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 \times 7 \times 6 \times 5 + 4! - 3 - 2 \times 1 \times 0!.$
- $1700 = 8^1 - 7^0 + 6^4 + 5^2 + 4^3 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 \times 7 \times 6 \times 5 - 4 + 3 + 21 \times 0!.$
- $1701 = 8^0 + 7^1 + 6^4 + 5^2 + 4^3 + 3^5 + 2^6 + 1^8 + 0^7$
 $= (8 - 7 + 6) \times (5 + 4)^3 / (2 + 1) \times 0!.$
- $1702 = 8^1 + 7^0 + 6^4 + 5^2 + 4^3 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 \times 7 \times 6 \times 5 + 4 - 3 + 21 \times 0!.$
- $1703 = 8^3 - 7^2 + 6^0 + 5^1 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= 8 \times 7 \times 6 \times 5 + 4 - 3 + 21 + 0!.$
- $1704 = -8^1 + 7^0 + 6^2 + 5^4 + 4^3 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 - 7 \times 6 + 54 \times 32 + 10.$
- $1705 = 8^0 - 7^1 + 6^2 + 5^4 + 4^3 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (8 \times 7 - 6 + 5) \times (4! + 3 \times 2 + 1) \times 0!.$
- $1706 = -8^4 + 7^0 + 6^3 + 5^5 + 4^2 + 3^7 + 2^8 + 1^6 + 0^1$
 $= (8 \times 7 - 6 + 5) \times (4! + 3 \times 2 + 1) + 0!.$
- $1707 = -8^5 + 7^4 + 6^2 + 5^6 + 4^7 + 3^3 + 2^0 + 1^8 + 0^1$
 $= (-8 + 7 - 6 - 5! - 4! + 3!!) \times (2 + 1) \times 0!.$
- $1708 = -8^5 + 7^4 + 6^2 + 5^6 + 4^7 + 3^3 + 2^1 + 1^0 + 0^8$
 $= -8 - 7 - 6 - 5! + 43^2 - 1 + 0!.$
- $1709 = -8^5 + 7^4 + 6^2 + 5^6 + 4^7 + 3^3 + 2^1 + 1^8 + 0^0$
 $= -8 - 7 - 6 - 5! + 43^2 + 1 \times 0!.$
- $1710 = -8^1 + 7^2 + 6^4 + 5^0 + 4^3 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 + (7 \times 6 - 5) \times (4 + 32 + 10).$
- $1711 = 8^3 - 7^2 + 6^0 + 5^1 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 + (76 - 5) \times 4! - (321 \times 0)!.$
- $1712 = -8^4 + 7^1 + 6^3 + 5^5 + 4^2 + 3^7 + 2^8 + 1^0 + 0^6$
 $= 8 + (76 - 5) \times 4! - 321 \times 0.$
- $1713 = -8^4 + 7^1 + 6^3 + 5^5 + 4^2 + 3^7 + 2^8 + 1^6 + 0^0$
 $= 8 + (76 - 5) \times 4! + (321 \times 0)!.$
- $1714 = 8^3 + 7^0 + 6^1 + 5^2 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= 8 \times (7 - 6) \times 5 \times 43 - (2 + 1)! \times 0!.$

- $1715 = 8^3 + 7^1 + 6^0 + 5^2 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= (8 - 7 + 6) \times 5 \times 43 + 210.$
- $1716 = 8^2 - 7^4 + 6^1 + 5^5 + 4^3 + 3^6 + 2^7 + 1^0 + 0^8$
 $= (87 + 6 - 5 - 4 - 3!) \times (21 + 0!).$
- $1717 = -8^1 + 7^2 + 6^0 + 5^4 + 4^3 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 \times (7 - 6) \times 5 \times 43 - 2 - 1 \times 0!.$
- $1718 = 8^1 - 7^0 + 6^2 + 5^4 + 4^3 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (87 - 6 + 5) \times 4 \times (3 + 2) - 1 - 0!.$
- $1719 = 8^0 + 7^1 + 6^2 + 5^4 + 4^3 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 \times 7 \times 6 \times 5 + 4 \times (3^2 + 1) - 0!.$
- $1720 = 8^1 + 7^0 + 6^2 + 5^4 + 4^3 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (8 + 7) \times 6 \times (-5 + 43)/2 + 10.$
- $1721 = -8^0 + 7^2 + 6^4 + 5^1 + 4^3 + 3^5 + 2^6 + 1^8 + 0^7$
 $= -8 + 7 - 6 - 5! + 43^2 \times 1 - 0!.$
- $1722 = 8^3 - 7^0 + 6^2 + 5^1 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= -8 + 7 - 6 - 5! + 43^2 \times 1 \times 0!.$
- $1723 = 8^0 + 7^2 + 6^4 + 5^1 + 4^3 + 3^5 + 2^6 + 1^8 + 0^7$
 $= -8 + 7 - 6 - 5! + 43^2 \times 1 + 0!.$
- $1724 = 8^3 + 7^0 + 6^2 + 5^1 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= 8 - 7 - 6 - 5! + 43^2 - 1 + 0!.$
- $1725 = -8^3 - 7^4 + 6^2 + 5^1 + 4^6 + 3^5 + 2^8 + 1^7 + 0^0$
 $= 8 \times 7 \times 6 \times 5 + 43 + 2 \times 1 \times 0!.$
- $1726 = 8^3 + 7^1 + 6^2 + 5^0 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= 8 \times (7 - 6) \times 5 \times 43 + (2 + 1)! \times 0!.$
- $1727 = -8^3 - 7^2 + 6^4 + 5^1 + 4^0 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 87 - 6 + 5^4 - 3 + 2^{10}.$
- $1728 = 8^1 - 7^4 - 6^2 + 5^0 + 4^6 + 3^3 + 2^5 + 1^8 + 0^7$
 $= 8 \times 76 + 5! - 4 \times 3! + 2^{10}.$
- $1729 = -8^0 + 7^2 + 6^1 + 5^4 + 4^3 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 + 7 - 6 + 5 \times ((4 + 3)(2 + 1) + 0!).$
- $1730 = -8^1 - 7^4 - 6^2 + 5^5 + 4^3 + 3^6 + 2^8 + 1^0 + 0^7$
 $= 8 \times 7 + (6! - 54 \times 3) \times (2 + 1) \times 0!.$
- $1731 = 8^0 + 7^2 + 6^1 + 5^4 + 4^3 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (8 - 7 + 6) \times (5! + 4!) + 3!! + 2 + 1 \times 0!.$
- $1732 = -8^2 - 7^0 + 6^4 + 5^3 + 4^1 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 + 7 - 6 - 5 + (4 \times 3)(2 + 1) \times 0!.$
- $1733 = 8^1 + 7^2 + 6^0 + 5^4 + 4^3 + 3^6 + 2^8 + 1^7 + 0^5$
 $= -8 + 76 + 5^4 \times 3 - 210.$
- $1734 = -8^2 + 7^0 + 6^4 + 5^3 + 4^1 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (876 - 5 - 4) \times (3! \times 2 - 10).$
- $1735 = -8^0 + 7^3 + 6^1 + 5^2 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= 876 - 5 + 4 \times (3! + 210).$
- $1736 = 8^3 - 7^5 + 6^2 + 5^4 + 4^7 + 3^6 + 2^8 + 1^0 + 0^1$
 $= (8 \times 7 + 6) \times (5 \times 4 + 3 \times 2 + 1 + 0!).$
- $1737 = 8^3 + 7^2 + 6^0 + 5^1 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= 8 - (7 + 6) \times (5 - 4 \times 32 - 10).$
- $1738 = 8^3 + 7^2 + 6^1 + 5^0 + 4^5 + 3^4 + 2^6 + 1^8 + 0^7$
 $= 876 - 54 \times 3 + 2^{10}.$
- $1739 = 8^1 + 7^3 + 6^0 + 5^2 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= 8 + 7 + 6 + 54 \times 32 - 10.$
- $1740 = 8^2 + 7^1 + 6^4 + 5^0 + 4^3 + 3^5 + 2^6 + 1^8 + 0^7$
 $= (-8 + 76 + 5! - (4 + 3) \times 2) \times 10.$
- $1741 = -8^1 + 7^2 + 6^3 + 5^4 + 4^0 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 8 \times 7 \times 6 \times 5 + 4^3 - (2 + 1) \times 0!.$
- $1742 = -8^4 + 7^2 + 6^3 + 5^5 + 4^1 + 3^7 + 2^8 + 1^0 + 0^6$
 $= 8 \times 7 \times 6 \times 5 + 4^3 - 2 - 1 + 0!.$
- $1743 = -8^4 + 7^2 + 6^3 + 5^5 + 4^1 + 3^7 + 2^8 + 1^6 + 0^0$
 $= 8 + 7 + 6! + (5 + 43) \times 21 \times 0!.$
- $1744 = 8^2 - 7^0 + 6^1 + 5^4 + 4^3 + 3^6 + 2^8 + 1^7 + 0^5$
 $= -8 \times 7 + 6 \times 5 \times 4 \times (3 + 2 + 10).$

$$\bullet 1745 = -8^0 + 7^3 + 6^2 + 5^1 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6 \\ = 8 \times 7 \times 6 \times 5 + 4^3 + 2 - 1 + 0.$$

$$\bullet 1746 = 8^2 + 7^0 + 6^1 + 5^4 + 4^3 + 3^6 + 2^8 + 1^7 + 0^5 \\ = (-8 + 76 + 5) \times 4! - 3 - 2 - 1 + 0.$$

$$\bullet 1747 = 8^2 + 7^1 + 6^0 + 5^4 + 4^3 + 3^6 + 2^8 + 1^7 + 0^5 \\ = 8 \times 7 \times 6 \times 5 + 4^3 + 2 + 1 + 0.$$

$$\bullet 1748 = -8^2 + 7^0 + 6^1 + 5^4 + 4^5 + 3^3 + 2^7 + 1^8 + 0^6 \\ = (-8 + 76 + 5) \times 4! - 3 - 2 + 1 + 0.$$

$$\bullet 1749 = -8^2 + 7^1 + 6^0 + 5^4 + 4^5 + 3^3 + 2^7 + 1^8 + 0^6 \\ = 8 + 76 + 5^4 \times 3 - 210.$$

$$\bullet 1750 = 8^1 + 7^3 + 6^2 + 5^0 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6 \\ = 8 + 7 - 65 + (4! + 3!)^2 \times (1 + 0!).$$

$$\bullet 1751 = -8^0 + 7^3 + 6^1 + 5^4 + 4^2 + 3^6 + 2^5 + 1^8 + 0^7 \\ = 8 + (7 \times 6)^6 - 5 + 4 + 3) - 21 \times 0!.$$

$$\bullet 1752 = 8^1 - 7^0 + 6^4 + 5^3 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7 \\ = (8 \times 76 + 5!) \times (4 - 3) + 2^{10}.$$

$$\bullet 1753 = 8^0 + 7^3 + 6^1 + 5^4 + 4^2 + 3^6 + 2^5 + 1^8 + 0^7 \\ = -8 + 76 + 5 + 4!/3 \times 210.$$

$$\bullet 1754 = 8^1 + 7^0 + 6^4 + 5^3 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 8 \times 76 - 54 + (3 + 2)! \times 10.$$

$$\bullet 1755 = 8^1 + 7^3 + 6^0 + 5^4 + 4^2 + 3^6 + 2^5 + 1^8 + 0^7 \\ = 8 + 76 \times (54 - 32 + 1) - 0!.$$

$$\bullet 1756 = 8^2 - 7^0 - 6^3 + 5^4 + 4^5 + 3^1 + 2^8 + 1^7 + 0^6 \\ = (-8 + 76 + 5) \times 4! + 3 + 2 - 1 \times 0!.$$

$$\bullet 1757 = 8^1 + 7^2 + 6^3 + 5^4 + 4^0 + 3^6 + 2^7 + 1^8 + 0^5 \\ = (8 + 7) \times (65 + 4) + 3!! + 2 \times 1 \times 0!.$$

$$\bullet 1758 = 8^2 + 7^0 - 6^3 + 5^4 + 4^5 + 3^1 + 2^8 + 1^7 + 0^6 \\ = (87 + 5 - 4 - 3) \times 2 + 10.$$

$$\bullet 1759 = -8^1 + 7^3 + 6^2 + 5^4 + 4^0 + 3^6 + 2^5 + 1^8 + 0^7 \\ = 8 + 7 + 6 + 54 \times 32 + 10.$$

$$\bullet 1760 = -8^1 - 7^0 - 6^2 + 5^4 + 4^5 + 3^3 + 2^7 + 1^8 + 0^6 \\ = (8 \times (7 + 6 + 5) + 4 \times (3! + 2)) \times 10.$$

$$\bullet 1761 = -8^0 - 7^2 + 6^1 + 5^4 + 4^5 + 3^3 + 2^7 + 1^8 + 0^6 \\ = 8 + 7 + 6 + 5! \times 4 + 3! \times 210.$$

$$\bullet 1762 = 8^2 + 7^1 - 6^3 + 5^4 + 4^5 + 3^0 + 2^8 + 1^7 + 0^6 \\ = 87 + 654 - 3 + 2^{10}.$$

$$\bullet 1763 = -8^0 + 7^1 + 6^4 + 5^2 + 4^3 + 3^5 + 2^7 + 1^8 + 0^6 \\ = ((8 - 76 + 54) \times 3)^2 - 1 \times 0!.$$

$$\bullet 1764 = 8^1 - 7^0 + 6^4 + 5^2 + 4^3 + 3^5 + 2^7 + 1^8 + 0^6 \\ = ((8 - 76 + 54) \times 3)^2 \times 1 \times 0!.$$

$$\bullet 1765 = 8^0 + 7^1 + 6^4 + 5^2 + 4^3 + 3^5 + 2^7 + 1^8 + 0^6 \\ = 8 \times 7 \times 6 \times 5 + 43 \times 2 - 1 \times 0!.$$

$$\bullet 1766 = 8^1 + 7^0 + 6^4 + 5^2 + 4^3 + 3^5 + 2^7 + 1^8 + 0^6 \\ = 8 \times 7 \times 6 \times 5 + 43 \times 2 - 1 + 0!.$$

$$\bullet 1767 = -8^2 + 7^3 + 6^0 + 5^4 + 4^1 + 3^6 + 2^7 + 1^8 + 0^5 \\ = 8 \times 7 \times 6 \times 5 + 43 \times 2 + 1 \times 0!.$$

$$\bullet 1768 = 8^2 + 7^0 + 6^3 + 5^4 + 4^1 + 3^6 + 2^7 + 1^8 + 0^5 \\ = 876 - 5! - 4 \times 3 + 2^{10}.$$

$$\bullet 1769 = -8^2 + 7^3 + 6^1 + 5^4 + 4^0 + 3^6 + 2^7 + 1^8 + 0^5 \\ = (-8 + 76) \times (5 \times 4 + 3!) + 2 \times 1 - 0!.$$

$$\bullet 1770 = -8^1 + 7^0 + 6^2 + 5^4 + 4^5 + 3^3 + 2^6 + 1^8 + 0^7 \\ = (87 + 6) \times 5 \times 4 - 3^2 \times 10.$$

$$\bullet 1771 = 8^2 + 7^1 + 6^3 + 5^4 + 4^0 + 3^6 + 2^7 + 1^8 + 0^5 \\ = 8 + 7 \times (6 + 5!) \times (-4 + 3!) - (21 \times 0)!.$$

$$\bullet 1772 = 8^3 - 7^5 - 6^1 + 5^6 + 4^4 + 3^7 + 2^2 + 1^0 + 0^8 \\ = 8 + 7 \times (6 + 5!) \times (-4 + 3!) \times (21 \times 0)!.$$

$$\bullet 1773 = 8^3 - 7^1 + 6^0 + 5^2 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5 \\ = 8 + 7 \times (6 + 5!) \times (-4 + 3!) + (21 \times 0)!.$$

$$\bullet 1774 = -8^1 + 7^2 + 6^4 + 5^0 + 4^3 + 3^5 + 2^7 + 1^8 + 0^6 \\ = 876 - 5 + 43 \times 21 \times 0!.$$

- $1775 = 8^2 + 7^3 + 6^0 + 5^1 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= -8 - 7 + (6 \times 5)^{-4 + 3!} \times 2 - 10.$
- $1776 = 8^2 + 7^3 + 6^1 + 5^0 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= (8 + 7 - 6 - 5)! \times (4! + (3 + 2) \times 10).$
- $1777 = 8^3 - 7^5 + 6^0 + 5^6 + 4^4 + 3^7 + 2^1 + 1^8 + 0^2$
 $= 8 - 7 - 6 + 5 \times (-4 + 3!!/2) + 1 + 0!.$
- $1778 = 8^3 + 7^0 + 6^1 + 5^2 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= 8 \times (-7 + 65 \times 4 - 32) + 10.$
- $1779 = 8^3 + 7^1 + 6^0 + 5^2 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= (87 \times 6 + 5 - 4) \times 3 + 210.$
- $1780 = -8^3 - 7^1 + 6^4 + 5^0 + 4^2 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (-8 \times 7 + (6 \times 5 - 4) \times 3^2) \times 10.$
- $1781 = -8^0 + 7^2 + 6^4 + 5^3 + 4^1 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 87 \times 6 - 5 + 4 + 3! \times 210.$
- $1782 = -8^2 - 7^4 - 6^1 + 5^0 + 4^6 + 3^3 + 2^7 + 1^8 + 0^5$
 $= (87 - 6) \times (54 - 32) \times 1 \times 0!.$
- $1783 = 8^0 + 7^2 + 6^4 + 5^3 + 4^1 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 \times (76 + 5!) + 4! \times 3^2 \times 1 - 0!.$
- $1784 = 8^3 - 7^5 + 6^1 + 5^6 + 4^4 + 3^7 + 2^2 + 1^0 + 0^8$
 $= (-8 + 7 \times 65) \times 4 + 3 \times 2 - 10.$
- $1785 = 8^0 + 7^1 + 6^2 + 5^4 + 4^5 + 3^3 + 2^6 + 1^8 + 0^7$
 $= (-8 + 7 + 6 \times 5 \times 4) \times (3 + 2 + 10).$
- $1786 = 8^3 + 7^0 + 6^1 + 5^2 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (8 + 7 - 6) \times 5! - 4! + (3 \times 2)! + 10.$
- $1787 = 8^3 + 7^1 + 6^0 + 5^2 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 87 \times 6 + 5 \times (43 + 210).$
- $1788 = 8^3 + 7^0 + 6^2 + 5^1 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= (-8 + 7 \times 65) \times (4 \times 3 + 2 - 10).$
- $1789 = 8^1 - 7^4 + 6^0 + 5^2 + 4^6 + 3^3 + 2^5 + 1^8 + 0^7$
 $= 8 + 765 - 4!/3 + 2^{10}.$
- $1790 = 8^3 + 7^1 + 6^2 + 5^0 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= 8 \times 7 - 6 + 5! \times 4 + 3! \times 210.$
- $1791 = 8^3 - 7^5 + 6^0 + 5^6 + 4^2 + 3^7 + 2^8 + 1^4 + 0^1$
 $= -8 + 7 + 6! + (54 - 3) \times 21 + 0!.$
- $1792 = -8^3 + 7^0 + 6^4 + 5^1 + 4^2 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (8 \times (7 + 6 \times 5) + 4) \times 3! + 2 - 10.$
- $1793 = 8^2 - 7^5 + 6^4 + 5^3 + 4^7 + 3^6 + 2^0 + 1^8 + 0^1$
 $= (-8 + 7 \times 65) \times 4 - 3 - 2 + 10.$
- $1794 = -8^3 + 7^1 + 6^4 + 5^0 + 4^2 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 \times 7 \times 6 + 54 \times 3(2 + 1) \times 0!.$
- $1795 = -8^0 + 7^2 + 6^1 + 5^4 + 4^5 + 3^3 + 2^6 + 1^8 + 0^7$
 $= (-8 + 7 + 6) \times 5 \times 43 + (2 + 1)!! \times 0!.$
- $1796 = 8^3 + 7^0 + 6^2 + 5^1 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (-8 + 7 + 6) \times 5 \times 43 + (2 + 1)!! + 0!.$
- $1797 = 8^0 + 7^2 + 6^1 + 5^4 + 4^5 + 3^3 + 2^6 + 1^8 + 0^7$
 $= ((8 - 7) \times (6! - 5!)) - 4 + 3) \times (2 + 1) \times 0!.$
- $1798 = 8^3 + 7^1 + 6^2 + 5^0 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 \times (76 + 5!) + (4! - 3 + 2) \times 10.$
- $1799 = 8^2 + 7^3 + 6^0 + 5^4 + 4^1 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 87 - 6 + 54 \times 32 - 10.$
- $1800 = -8^3 + 7^0 + 6^4 + 5^2 + 4^1 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (8 + 7 \times 6) \times (5 + 43 - 2 - 10).$
- $1801 = 8^3 + 7^2 + 6^0 + 5^1 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= -87 + 6 + 5^4 \times 3 + (2 + 1)! + 0!.$
- $1802 = 8^3 + 7^2 + 6^1 + 5^0 + 4^5 + 3^4 + 2^7 + 1^8 + 0^6$
 $= 87 + 6! - 5 - 4 \times 3! + 2^{10}.$
- $1803 = -8^3 + 7^1 + 6^4 + 5^2 + 4^0 + 3^6 + 2^8 + 1^7 + 0^5$
 $= -87 + (6 + (5 + 4)/3) \times 210.$
- $1804 = 8^2 + 7^1 + 6^4 + 5^0 + 4^3 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (8 - 7) \times (6! + 54 + 3!) + 2^{10}.$

- $1805 = 8^2 + 7^5 + 6^3 - 5^6 + 4^1 + 3^4 + 2^8 + 1^7 + 0^0$
 $= -8 - 7 + 65 \times (-4 + 32 + 1 - 0!).$
- $1806 = -8^1 - 7^4 + 6^3 + 5^5 + 4^2 + 3^6 + 2^7 + 1^0 + 0^8$
 $= (87 - 6 + 5) \times (4 + 3) \times (2 + 1) \times 0!.$
- $1807 = 8^1 - 7^4 + 6^3 + 5^5 + 4^0 + 3^6 + 2^7 + 1^8 + 0^2$
 $= 87 - 6 + 54 \times 32 - 1 - 0!.$
- $1808 = -8^3 - 7^5 + 6^4 + 5^6 + 4^2 + 3^7 + 2^1 + 1^0 + 0^8$
 $= (8 \times (7 + 6 \times 5) + 4) \times 3! - 2 + 10.$
- $1809 = 8^3 + 7^2 + 6^0 + 5^1 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (87 - 6 - 5) \times 4! - 3 - 2 - 10.$
- $1810 = 8^3 + 7^2 + 6^1 + 5^0 + 4^4 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 \times 7 \times 6 \times 5 + 4 \times 32 + 1 + 0!.$
- $1811 = 8^3 - 7^5 + 6^2 + 5^6 + 4^4 + 3^7 + 2^0 + 1^8 + 0^1$
 $= (87 - 6 - 5) \times 4! - 3! - (2 + 1)! - 0!.$
- $1812 = 8^2 + 7^0 + 6^1 + 5^4 + 4^5 + 3^3 + 2^6 + 1^8 + 0^7$
 $= 87 + 6! + 5 - 4 \times 3! + 2^{10}.$
- $1813 = 8^2 + 7^1 + 6^0 + 5^4 + 4^5 + 3^3 + 2^6 + 1^8 + 0^7$
 $= (8 \times (-7 + 6 \times 5 \times 4) + 3) \times 2 - 1 \times 0!.$
- $1814 = 8^3 - 7^5 + 6^2 + 5^6 + 4^1 + 3^7 + 2^8 + 1^0 + 0^4$
 $= 8 + 7 \times 6 \times (54 - 3 + 2 - 10).$
- $1815 = -8^0 + 7^1 + 6^4 + 5^3 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 876 + 5 + 4 + 3!! + 210.$
- $1816 = 8^1 - 7^0 + 6^4 + 5^3 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -8 + 7 \times 65 \times 4 - 3 \times 2 + 10.$
- $1817 = 8^0 + 7^1 + 6^4 + 5^3 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (-8 - 76 + 5) \times (-4 + 3 - 21 - 0!).$
- $1818 = 8^1 + 7^0 + 6^4 + 5^3 + 4^2 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (8 - 7 \times 6 \times 5) \times (4 \times 3 - 21) \times 0!.$
- $1819 = 8^1 - 7^4 + 6^2 + 5^5 + 4^3 + 3^6 + 2^8 + 1^7 + 0^0$
 $= 8 + 7 + 65 \times 4 \times 3 + 2^{10}.$
- $1820 = 8^1 - 7^2 + 6^4 + 5^0 + 4^3 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 87 + 6 + 54 \times 32 - 1 + 0.$
- $1821 = -8^4 + 7^3 + 6^0 + 5^5 + 4^1 + 3^7 + 2^8 + 1^6 + 0^2$
 $= 87 + 6 + 54 \times 32 \times 1 + 0.$
- $1822 = 8^1 - 7^4 + 6^3 + 5^5 + 4^2 + 3^6 + 2^7 + 1^0 + 0^8$
 $= 87 + 6 + 54 \times 32 + 1 + 0.$
- $1823 = -8^4 + 7^3 + 6^1 + 5^5 + 4^0 + 3^7 + 2^8 + 1^6 + 0^2$
 $= 8 + 7 \times 65 \times 4 - 3 - 2 - 1 \times 0.$
- $1824 = -8^3 + 7^2 + 6^4 + 5^0 + 4^1 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (87 - 6 - 5) \times 4! \times (-3^2 + 10).$
- $1825 = -8^3 + 7^2 + 6^4 + 5^1 + 4^0 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 + 7 \times 65 \times 4 + 3 - (2 + 1)! \times 0!.$
- $1826 = 8^2 - 7^4 + 6^1 + 5^0 + 4^6 + 3^3 + 2^5 + 1^8 + 0^7$
 $= 8 \times 76 \times (5 - 4) \times 3 + 2 \times 1 \times 0!.$
- $1827 = 8^0 + 7^1 - 6^3 + 5^2 + 4^5 + 3^6 + 2^8 + 1^7 + 0^4$
 $= 87 \times (-6 + 5 + 4 - 3 + 21) \times 0!.$
- $1828 = -8^3 - 7^2 + 6^4 + 5^0 + 4^5 + 3^1 + 2^6 + 1^8 + 0^7$
 $= 8 + 7 \times 65 \times 4 - 3 + 2 + 1 \times 0!.$
- $1829 = -8^1 - 7^3 + 6^4 + 5^2 + 4^0 + 3^6 + 2^7 + 1^8 + 0^5$
 $= (-8 + 7 + 6 + 54) \times (32 - 1) \times 0!.$
- $1830 = -8^3 - 7^2 + 6^4 + 5^1 + 4^5 + 3^0 + 2^6 + 1^8 + 0^7$
 $= (-8 + 7 \times 6) \times (54 + 3!) - 210.$
- $1831 = 8^3 - 7^2 + 6^0 + 5^1 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= 8 + 7 \times 65 \times 4 - 3 + (2 + 1)! \times 0!.$
- $1832 = 8^3 - 7^2 + 6^1 + 5^0 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= 8 + 7 \times 65 \times 4 - 3 \times 2 + 10.$
- $1833 = -8^4 + 7^3 + 6^0 + 5^5 + 4^2 + 3^7 + 2^8 + 1^6 + 0^1$
 $= (87 - 6 - 5) \times 4! - 3 + 2 + 10.$
- $1834 = -8^1 + 7^0 + 6^2 + 5^4 + 4^5 + 3^3 + 2^7 + 1^8 + 0^6$
 $= (87 - 6 - 5) \times 4 \times 3 \times 2 + 10.$
- $1835 = -8^1 + 7^3 + 6^0 + 5^4 + 4^2 + 3^6 + 2^7 + 1^8 + 0^5$
 $= -8 + (-7 + 6) \times 5 + 43^2 - 1 \times 0!.$

- $1836 = -8^1 + 7^0 + 6^3 + 5^4 + 4^2 + 3^6 + 2^8 + 1^7 + 0^5$
 $= -8 + 7 - 6 - 5 + 43^2 \times 1 - 0!$
- $1837 = 8^0 - 7^1 + 6^3 + 5^4 + 4^2 + 3^6 + 2^8 + 1^7 + 0^5$
 $= -87 + 65 + 43^2 + 10.$
- $1838 = -8^4 + 7^3 + 6^1 + 5^5 + 4^2 + 3^7 + 2^8 + 1^0 + 0^6$
 $= (87 - 6 - 5) \times 4! + 3! \times 2 + 1 + 0!$
- $1839 = -8^4 + 7^3 + 6^1 + 5^5 + 4^2 + 3^7 + 2^8 + 1^6 + 0^0$
 $= (87 - 6 - 5) \times 4! + 3 + 2 + 10.$
- $1840 = 8^5 + 7^0 + 6^6 - 5^7 + 4^4 + 3^3 + 2^8 + 1^2 + 0^1$
 $= 876 - 5 \times 4 \times 3 + 2^{10}.$
- $1841 = 8^0 - 7^3 + 6^4 + 5^2 + 4^1 + 3^6 + 2^7 + 1^8 + 0^5$
 $= -8 - 7 + 6! - 5! - 4 + 3! \times 210.$
- $1842 = 8^3 - 7^0 - 6^2 + 5^1 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= (8 + 7) \times 6 \times 5 \times 4 + 32 + 10.$
- $1843 = 8^3 + 7^5 + 6^0 - 5^6 + 4^2 + 3^1 + 2^7 + 1^8 + 0^4$
 $= 876 - 54 - 3 + 2^{10}.$
- $1844 = 8^2 - 7^4 + 6^1 + 5^5 + 4^3 + 3^6 + 2^8 + 1^0 + 0^7$
 $= (8 - 7)^6 - 5 + 43^2 - 1 \times 0!.$
- $1845 = -8^0 + 7^2 + 6^4 + 5^3 + 4^1 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (8 + 7 - 6) \times 5 \times (43 - 2 \times 1) \times 0!.$
- $1846 = 8^3 + 7^1 - 6^2 + 5^0 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= (87 + 6) \times 5 \times 4 - 3! + 2 - 10.$
- $1847 = 8^0 + 7^2 + 6^4 + 5^3 + 4^1 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 \times 7 + 6! + (54 - 3) \times 21 \times 0!.$
- $1848 = 8^1 - 7^0 + 6^2 + 5^4 + 4^5 + 3^3 + 2^7 + 1^8 + 0^6$
 $= 876 + 5! + 4 \times (3 + 210).$
- $1849 = 8^0 + 7^3 + 6^1 + 5^4 + 4^2 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 8 - 7 - 6 - 5 + 43^2 + 10.$
- $1850 = 8^1 + 7^0 + 6^2 + 5^4 + 4^5 + 3^3 + 2^7 + 1^8 + 0^6$
 $= 8 - 7 + 6 - 5 + 43^2 - 1 \times 0!.$
- $1851 = 8^1 + 7^3 + 6^0 + 5^4 + 4^2 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 8 - 7 + 6 - 5 + 43^2 - 1 + 0!.$
- $1852 = 8^1 + 7^0 + 6^3 + 5^4 + 4^2 + 3^6 + 2^8 + 1^7 + 0^5$
 $= -8 + (7 \times 6 \times 5 - 4 \times 3 \times 2) \times 10.$
- $1853 = -8^4 + 7^3 + 6^2 + 5^5 + 4^0 + 3^7 + 2^8 + 1^6 + 0^1$
 $= 8 + 7 - 6 - 5 + 43^2 \times 1 \times 0!.$
- $1854 = -8^4 - 7^5 - 6^3 + 5^2 + 4^7 + 3^8 + 2^1 + 1^0 + 0^6$
 $= 8 \times (7 - 6 \times (5 - 43) - 2) - 10.$
- $1855 = -8^1 + 7^3 + 6^2 + 5^4 + 4^0 + 3^6 + 2^7 + 1^8 + 0^5$
 $= (-8 + 7)^6 + 5 + 43^2 + 1 - 0!.$
- $1856 = -8^4 + 7^3 + 6^2 + 5^5 + 4^1 + 3^7 + 2^8 + 1^0 + 0^6$
 $= (-8 + 7 + 65) \times (4! - 3 - 2 + 10).$
- $1857 = -8^4 + 7^3 + 6^2 + 5^5 + 4^1 + 3^7 + 2^8 + 1^6 + 0^0$
 $= -87 + 6 \times 54 \times 3 \times 2 \times 1 \times 0!.$
- $1858 = 8^3 + 7^0 + 6^2 - 5^5 + 4^6 + 3^4 + 2^8 + 1^7 + 0^1$
 $= 8 \times 76 + 5 \times (4! + 3 - 2) \times 10.$
- $1859 = -8^0 + 7^2 + 6^1 + 5^4 + 4^5 + 3^3 + 2^7 + 1^8 + 0^6$
 $= (8 + 7) \times (6 + 5!) - 43 + 2 + 10.$
- $1860 = 8^2 - 7^0 + 6^4 + 5^3 + 4^1 + 3^5 + 2^7 + 1^8 + 0^6$
 $= (87 + 6) \times (-5 + 4 \times 3 \times 2 + 1) \times 0!.$
- $1861 = 8^0 + 7^2 + 6^1 + 5^4 + 4^5 + 3^3 + 2^7 + 1^8 + 0^6$
 $= (8 + 76 + 5) \times (4! - 3) + 2 - 10.$
- $1862 = 8^2 + 7^0 + 6^4 + 5^3 + 4^1 + 3^5 + 2^7 + 1^8 + 0^6$
 $= 8 \times 76 + 54 + (3 + 2)! \times 10.$
- $1863 = 8^1 + 7^2 + 6^0 + 5^4 + 4^5 + 3^3 + 2^7 + 1^8 + 0^6$
 $= 87 + 5 \times 4! + 3! + 210.$
- $1864 = -8^5 + 7^4 + 6^3 + 5^6 + 4^7 + 3^0 + 2^2 + 1^8 + 0^1$
 $= (87 - 6) \times (5 + 4! - 3!) + 2 - 1 \times 0!.$
- $1865 = 8^2 + 7^1 + 6^4 + 5^3 + 4^0 + 3^5 + 2^7 + 1^8 + 0^6$
 $= -8 - 7 + 6 \times 5 + 43^2 + 1 \times 0!.$

$$\bullet 1866 = -8^5 + 7^4 + 6^3 + 5^6 + 4^7 + 3^1 + 2^2 + 1^0 + 0^8 \\ = (876 + 54 + 3) \times 2 \times 1 \times 0!.$$

$$\bullet 1867 = 8^0 + 7^3 + 6^2 + 5^4 + 4^1 + 3^6 + 2^7 + 1^8 + 0^5 \\ = 8 + 7 + 6 - 5 + 43^2 + 1 + 0!.$$

$$\bullet 1868 = 8^1 - 7^5 + 6^4 + 5^0 + 4^7 + 3^6 + 2^8 + 1^3 + 0^2 \\ = -87 + 6 \times (5! + 43) \times 2 - 1 \times 0!.$$

$$\bullet 1869 = -8^5 + 7^4 + 6^3 + 5^6 + 4^7 + 3^2 + 2^0 + 1^8 + 0^1 \\ = -8 + 7 + 6 + 5 + 43^2 + 10.$$

$$\bullet 1870 = -8^5 + 7^4 + 6^3 + 5^6 + 4^7 + 3^2 + 2^1 + 1^0 + 0^8 \\ = -8 + (7 + 6) \times (5! + 4!) + 3 + 2 + 1 \times 0!.$$

$$\bullet 1871 = 8^1 + 7^3 + 6^2 + 5^4 + 4^0 + 3^6 + 2^7 + 1^8 + 0^5 \\ = -8 \times 7 + 6 \times (54 \times 3! - 2 - 1) + 0!.$$

$$\bullet 1872 = -8^6 - 7^5 + 6^7 + 5^4 + 4^1 + 3^0 + 2^8 + 1^3 + 0^2 \\ = 8 \times (7 + 6) \times (5 + 4 - 3) \times (2 + 1) \times 0!.$$

$$\bullet 1873 = -8^4 - 7^3 + 6^0 + 5^2 + 4^6 + 3^7 + 2^1 + 1^8 + 0^5 \\ = 8 + (-7 \times 6 + 5!) \times 4! - 3 - 2 - 1 - 0!.$$

$$\bullet 1874 = -8^2 + 7^1 + 6^3 + 5^4 + 4^5 + 3^0 + 2^6 + 1^8 + 0^7 \\ = 8 \times (7 + 6 \times (-5 + 43) - 2) + 10.$$

$$\bullet 1875 = -8^0 - 7^2 + 6^4 + 5^3 + 4^1 + 3^5 + 2^8 + 1^7 + 0^6 \\ = 8 + 7 + 6 - 5 + 43^2 + 10.$$

$$\bullet 1876 = 8^2 + 7^0 + 6^1 + 5^4 + 4^5 + 3^3 + 2^7 + 1^8 + 0^6 \\ = -8 \times 7 + (65 + 4! + 3) \times 21 \times 0!.$$

$$\bullet 1877 = 8^2 + 7^1 + 6^0 + 5^4 + 4^5 + 3^3 + 2^7 + 1^8 + 0^6 \\ = (8 + 76 - 5) \times 4! - 3^2 - 10.$$

$$\bullet 1878 = -8^3 + 7^0 + 6^1 + 5^4 + 4^5 + 3^6 + 2^2 + 1^8 + 0^7 \\ = (876 + 54 + 3^2) \times (1 + 0!).$$

$$\bullet 1879 = -8^3 + 7^1 + 6^0 + 5^4 + 4^5 + 3^6 + 2^2 + 1^8 + 0^7 \\ = 876 - 5 + 4! \times (32 + 10).$$

$$\bullet 1880 = 8^2 - 7^3 + 6^4 + 5^0 + 4^1 + 3^6 + 2^7 + 1^8 + 0^5 \\ = (8 \times 7 - 6) \times (-5 + 43) - 2 \times 10.$$

$$\bullet 1881 = 8^0 + 7^2 + 6^3 + 5^4 + 4^1 + 3^6 + 2^8 + 1^7 + 0^5 \\ = 87 - 65 + 43^2 + 10.$$

$$\bullet 1882 = -8^1 - 7^4 + 6^2 + 5^3 + 4^6 + 3^0 + 2^5 + 1^8 + 0^7 \\ = 8 - 7 - 6 + 5^4 \times 3 + 2 + 10.$$

$$\bullet 1883 = 8^0 - 7^4 + 6^1 + 5^2 + 4^6 + 3^3 + 2^7 + 1^8 + 0^5 \\ = 8 \times 76 - 5 + 4^3 \times (21 - 0!).$$

$$\bullet 1884 = -8^6 - 7^5 + 6^7 + 5^4 + 4^2 + 3^0 + 2^8 + 1^3 + 0^1 \\ = ((8 - 7) \times 6 + 5^4 - 3) \times (2 + 1) \times 0!.$$

$$\bullet 1885 = 8^1 + 7^2 + 6^3 + 5^4 + 4^0 + 3^6 + 2^8 + 1^7 + 0^5 \\ = -8 - 7 + 6 \times 5 \times 4^3 - 2 \times 10.$$

$$\bullet 1886 = -8^6 - 7^5 + 6^7 + 5^4 + 4^2 + 3^1 + 2^8 + 1^0 + 0^3 \\ = 8 \times 7 + 65 \times (-4 + 32) + 10.$$

$$\bullet 1887 = -8^6 - 7^5 + 6^7 + 5^4 + 4^2 + 3^1 + 2^8 + 1^3 + 0^0 \\ = (8 + 76) \times 5 \times 4 - 3 + 210.$$

$$\bullet 1888 = -8^3 + 7^0 + 6^4 + 5^1 + 4^5 + 3^2 + 2^6 + 1^8 + 0^7 \\ = (-8 + 7 + 6 + 54) \times 32 + 1 - 0!.$$

$$\bullet 1889 = -8^2 + 7^3 + 6^4 + 5^1 + 4^0 + 3^5 + 2^6 + 1^8 + 0^7 \\ = 8 \times 7 \times 6 \times 5 - 4 + 3 + 210.$$

$$\bullet 1890 = -8^3 + 7^1 + 6^4 + 5^0 + 4^5 + 3^2 + 2^6 + 1^8 + 0^7 \\ = (-8 - 7 + 6 + 54) \times (32 + 10).$$

$$\bullet 1891 = -8^0 + 7^1 + 6^4 + 5^2 + 4^3 + 3^5 + 2^8 + 1^7 + 0^6 \\ = -8 + (-7 \times 6 + 5!) \times 4! + 3(2 + 1) \times 0!.$$

$$\bullet 1892 = 8^1 - 7^5 + 6^4 + 5^2 + 4^7 + 3^6 + 2^8 + 1^0 + 0^3 \\ = 8 / (-7 + 6 + 5) \times 43 \times (21 + 0!).$$

$$\bullet 1893 = 8^0 + 7^1 + 6^4 + 5^2 + 4^3 + 3^5 + 2^8 + 1^7 + 0^6 \\ = (8 + 76 - 5) \times 4! + 3 - (2 + 1)! \times 0!.$$

$$\bullet 1894 = 8^1 + 7^0 + 6^4 + 5^2 + 4^3 + 3^5 + 2^8 + 1^7 + 0^6 \\ = 876 - 5 - 4 + 3 + 2^{10}.$$

$$\bullet 1895 = 8^2 + 7^3 + 6^0 + 5^4 + 4^1 + 3^6 + 2^7 + 1^8 + 0^5 \\ = 8 + 7 + 6 \times 5 + 43^2 \times 1 + 0!.$$

- $1896 = 8^2 + 7^0 + 6^3 + 5^4 + 4^1 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 + 7 \times 6 - 5 + 43^2 + 1 + 0!$
- $1897 = 8^2 + 7^3 + 6^1 + 5^4 + 4^0 + 3^6 + 2^7 + 1^8 + 0^5$
 $= 8 \times 7 \times 6 - 5! + (43 - 2)(1 + 0!).$
- $1898 = 8^1 - 7^4 + 6^2 + 5^3 + 4^6 + 3^0 + 2^5 + 1^8 + 0^7$
 $= (8 + 7 \times 6) \times (-5 + 43) - 2 \times 1 + 0.$
- $1899 = 8^2 + 7^1 + 6^3 + 5^4 + 4^0 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 + 7 + 65 \times (4! + 3 + 2) - 1 + 0.$
- $1900 = -8^3 - 7^0 + 6^4 + 5^2 + 4^5 + 3^1 + 2^6 + 1^8 + 0^7$
 $= (87 - 6 - 5) \times (4! - 3^2 + 10).$
- $1901 = -8^5 + 7^4 - 6^0 + 5^6 + 4^7 + 3^1 + 2^8 + 1^3 + 0^2$
 $= 8 + 7 + 65 \times (4! + 3 + 2) + 1 \times 0!.$
- $1902 = -8^3 + 7^0 + 6^4 + 5^2 + 4^5 + 3^1 + 2^6 + 1^8 + 0^7$
 $= 876 - 5 + 4 + 3 + 2^{10}.$
- $1903 = -8^5 + 7^4 + 6^0 + 5^6 + 4^7 + 3^1 + 2^8 + 1^3 + 0^2$
 $= 87 + 6 + 5! \times (4! - 3^2) + 10.$
- $1904 = 8^3 - 7^1 + 6^2 + 5^0 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= 8 \times 7 \times (-6 + 5 + 4! - 3!) \times 2 \times 1 \times 0!.$
- $1905 = 8^3 + 7^1 - 6^0 + 5^2 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= (8 + 76 - 5) \times 4! + 3 + (2 + 1)! \times 0!.$
- $1906 = 8^3 + 7^0 + 6^1 + 5^2 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= 876 + 5 + 4 - 3 + 2^{10}.$
- $1907 = 8^3 + 7^1 + 6^0 + 5^2 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= -8 - 7 + 6 \times 54 \times 3! - 21 - 0!.$
- $1908 = -8^4 - 7^3 + 6^1 + 5^2 + 4^6 + 3^7 + 2^5 + 1^0 + 0^8$
 $= -87 + 6! - 5 + 4^3 \times 2 \times 10.$
- $1909 = -8^5 + 7^4 + 6^0 + 5^6 + 4^7 + 3^2 + 2^8 + 1^3 + 0^1$
 $= (8 + 76 - 5 + 4) \times (3 + 21 - 0!).$
- $1910 = -8^6 - 7^5 + 6^7 + 5^4 + 4^2 + 3^3 + 2^8 + 1^0 + 0^1$
 $= 8 + (7 + 6 + 5^4) \times 3 - 2 - 10.$
- $1911 = -8^3 + 7^1 + 6^2 + 5^4 + 4^5 + 3^6 + 2^0 + 1^8 + 0^7$
 $= (8 + 76 - 5) \times 4! + 3 + 2 + 10.$
- $1912 = 8^2 - 7^4 - 6^1 + 5^3 + 4^6 + 3^0 + 2^5 + 1^8 + 0^7$
 $= -8 + (76 + 5! - 4) \times (3 - 2) \times 10.$
- $1913 = -8^0 + 7^2 + 6^4 + 5^1 + 4^3 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 + 7 \times 6 + 5^4 \times 3 - 2 - 10.$
- $1914 = -8^5 + 7^4 + 6^1 + 5^6 + 4^7 + 3^2 + 2^8 + 1^0 + 0^3$
 $= 8 - 7 + 65 + 43^2 - 1 \times 0!.$
- $1915 = 8^0 + 7^2 + 6^4 + 5^1 + 4^3 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 - 7 + 6 \times (-5 + 4 + 32 \times 10).$
- $1916 = 8^3 + 7^0 + 6^2 + 5^1 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= 8 - 7 + 65 + 43^2 + 1 \times 0!.$
- $1917 = -8^3 + 7^2 - 6^0 + 5^4 + 4^5 + 3^6 + 2^1 + 1^8 + 0^7$
 $= 8 - 7 + 65 + 43^2 + 1 + 0!.$
- $1918 = 8^3 + 7^1 + 6^2 + 5^0 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= 8 + 76 - 5 + 43^2 - 10.$
- $1919 = -8^3 + 7^2 + 6^0 + 5^4 + 4^5 + 3^6 + 2^1 + 1^8 + 0^7$
 $= 8 + 7 \times 6!/5 + 43 \times 21 \times 0!.$
- $1920 = 8^3 - 7^0 + 6^1 + 5^4 + 4^2 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 \times (-76 + 5! - 4) \times 3 \times 2 \times 1 \times 0!.$
- $1921 = 8^2 - 7^4 + 6^0 + 5^3 + 4^6 + 3^1 + 2^5 + 1^8 + 0^7$
 $= 8 \times 7 - 6 + 5^4 \times 3 - 2 - 1 - 0!.$
- $1922 = 8^3 + 7^0 + 6^1 + 5^4 + 4^2 + 3^6 + 2^5 + 1^8 + 0^7$
 $= (8 - 7 + 65 - 4) \times (32 - 1) \times 0!.$
- $1923 = 8^3 + 7^1 + 6^0 + 5^4 + 4^2 + 3^6 + 2^5 + 1^8 + 0^7$
 $= (8 - 7) \times 6 \times 5 \times 4^3 + 2 + 1 \times 0!.$
- $1924 = -8^1 + 7^0 + 6^2 + 5^3 + 4^5 + 3^6 + 2^4 + 1^8 + 0^7$
 $= 8 \times 7 - 6 + 5^4 \times 3 - (21 \times 0!).$
- $1925 = 8^0 - 7^1 + 6^2 + 5^3 + 4^5 + 3^6 + 2^4 + 1^8 + 0^7$
 $= 87 - 6 + 5 + 43^2 - 10.$

- $1926 = -8^3 + 7^2 + 6^4 + 5^0 + 4^5 + 3^1 + 2^6 + 1^8 + 0^7$
 $= 8 \times 7 - 6 + 5^4 \times 3 + (21 \times 0)!$
- $1927 = -8^5 + 7^4 + 6^0 + 5^6 + 4^7 + 3^3 + 2^8 + 1^2 + 0^1$
 $= -8 - 7 + 654 \times 3 - 2 \times 10.$
- $1928 = -8^3 + 7^2 + 6^4 + 5^1 + 4^5 + 3^0 + 2^6 + 1^8 + 0^7$
 $= 8 + (76 + 5! - 4) \times (3 - 2) \times 10.$
- $1929 = 8^3 + 7^2 + 6^0 + 5^1 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= -8 + (7 + 6) \times (5 + 4! \times 3 \times 2) \times 1 \times 0!.$
- $1930 = 8^3 + 7^2 + 6^1 + 5^0 + 4^5 + 3^4 + 2^8 + 1^7 + 0^6$
 $= -8 + (7 + 6) \times (5 + 4! \times 3 \times 2) \times 1 + 0!.$
- $1931 = 8^0 - 7^4 + 6^3 + 5^5 + 4^1 + 3^6 + 2^8 + 1^7 + 0^2$
 $= 8 + (7 - 6 + 5! \times 4) \times (3! - 2 \times 1) - 0!.$
- $1932 = 8^2 + 7^1 + 6^4 + 5^0 + 4^3 + 3^5 + 2^8 + 1^7 + 0^6$
 $= -8 + 76 + 5 + 43^2 + 10.$
- $1933 = -8^5 + 7^4 + 6^1 + 5^6 + 4^7 + 3^3 + 2^8 + 1^2 + 0^0$
 $= 8 + 76 + 5! + (4 \times 3)(2 + 1) + 0!.$
- $1934 = -8^2 + 7^0 + 6^3 + 5^4 + 4^5 + 3^1 + 2^7 + 1^8 + 0^6$
 $= 8 + 7 \times (6 + 5) + 43^2 \times 1 \times 0!.$
- $1935 = 8^1 - 7^4 + 6^3 + 5^5 + 4^0 + 3^6 + 2^8 + 1^7 + 0^2$
 $= -8 - 7 + 6! + 5! \times 4 \times 3 - 210.$
- $1936 = -8^5 + 7^4 + 6^2 + 5^6 + 4^7 + 3^0 + 2^8 + 1^3 + 0^1$
 $= (87 + 6 - 5) \times (43 - 21) \times 0!.$
- $1937 = -8^1 + 7^2 + 6^0 + 5^3 + 4^5 + 3^6 + 2^4 + 1^8 + 0^7$
 $= -8 - 7 + 6! + (5^4 - 3^2) \times (1 + 0!).$
- $1938 = -8^5 + 7^4 + 6^2 + 5^6 + 4^7 + 3^1 + 2^8 + 1^0 + 0^3$
 $= 8 + 76 - 5 + 43^2 + 10.$
- $1939 = 8^0 + 7^1 + 6^2 + 5^3 + 4^5 + 3^6 + 2^4 + 1^8 + 0^7$
 $= 8 \times 7 + 65 \times (4! + 3 + 2) - 1 - 0!.$
- $1940 = 8^3 + 7^0 + 6^2 + 5^4 + 4^1 + 3^6 + 2^5 + 1^8 + 0^7$
 $= (8 - 7 + 65 + 4 \times 32) \times 10.$
- $1941 = -8^6 - 7^5 + 6^7 + 5^4 + 4^3 + 3^2 + 2^8 + 1^1 + 0^0$
 $= 87 + 6 + 5! + (4 \times 3)(2 + 1) \times 0!.$
- $1942 = -8^1 + 7^0 - 6^4 + 5^2 + 4^5 + 3^7 + 2^3 + 1^8 + 0^6$
 $= 87 + 6 + 5! + (4 \times 3)(2 + 1) + 0!.$
- $1943 = 8^3 + 7^1 + 6^2 + 5^4 + 4^0 + 3^6 + 2^5 + 1^8 + 0^7$
 $= -8 + 7 + 6 \times 54 \times 3! + 21 \times 0.$
- $1944 = 8^1 - 7^0 + 6^4 + 5^3 + 4^2 + 3^5 + 2^8 + 1^7 + 0^6$
 $= (87 - 6) \times (5 - 4) \times (3 + 21) \times 0!.$
- $1945 = 8^0 + 7^1 + 6^4 + 5^3 + 4^2 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 87 - 6 + 5 + 43^2 + 10.$
- $1946 = 8^1 + 7^0 + 6^4 + 5^3 + 4^2 + 3^5 + 2^8 + 1^7 + 0^6$
 $= (87 \times (6 + 5) + 4!/3 \times 2) \times (1 + 0!).$
- $1947 = 8^0 + 7^1 + 6^3 + 5^4 + 4^5 + 3^2 + 2^6 + 1^8 + 0^7$
 $= 876 + (54 - 3) \times 21 \times 0!.$
- $1948 = 8^1 + 7^0 + 6^3 + 5^4 + 4^5 + 3^2 + 2^6 + 1^8 + 0^7$
 $= -8 - 7 + 654 \times 3 + 2 \times 1 - 0!.$
- $1949 = -8^0 + 7^2 + 6^1 + 5^3 + 4^5 + 3^6 + 2^4 + 1^8 + 0^7$
 $= 8 + 7 + (6 - 5 + 43)^2 - 1 - 0!.$
- $1950 = -8^2 + 7^0 + 6^1 + 5^3 + 4^5 + 3^6 + 2^7 + 1^8 + 0^4$
 $= 87 \times (6 + 54)/3 + 210.$
- $1951 = 8^0 + 7^2 + 6^1 + 5^3 + 4^5 + 3^6 + 2^4 + 1^8 + 0^7$
 $= -8 - 7 + 6 \times 54 \times 3! + 21 + 0!.$
- $1952 = -8^3 + 7^0 + 6^4 + 5^1 + 4^5 + 3^2 + 2^7 + 1^8 + 0^6$
 $= (8 - 7) \times (65 - 4) \times 32 \times 1 \times 0!.$
- $1953 = 8^3 + 7^2 + 6^0 + 5^4 + 4^1 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 87 - 6 + 5^4 \times 3 - 2 - 1 \times 0!.$
- $1954 = -8^3 + 7^1 + 6^4 + 5^0 + 4^5 + 3^2 + 2^7 + 1^8 + 0^6$
 $= 87 - 6 + 5^4 \times 3 - 2 - 1 + 0!.$
- $1955 = 8^3 + 7^2 + 6^1 + 5^4 + 4^0 + 3^6 + 2^5 + 1^8 + 0^7$
 $= 8 + 7 + 654 \times 3 - 21 - 0!.$

- $1956 = -8^1 + 7^3 + 6^4 + 5^0 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7$
 $= (8 - 7) \times 6 \times (5! - 4!/3! + 210).$
- $1957 = -8^1 - 7^3 + 6^4 + 5^2 + 4^0 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 + 7 + 654 \times 3 - 21 + 0!.$
- $1958 = 8^1 + 7^0 - 6^4 + 5^2 + 4^5 + 3^7 + 2^3 + 1^8 + 0^6$
 $= -8 + 7 + 654 \times 3 - 2 - 1 \times 0!.$
- $1959 = 8^0 - 7^4 + 6^3 + 5^1 + 4^6 + 3^2 + 2^5 + 1^8 + 0^7$
 $= -8 + (76 + 5) \times 4! + 3 + 21 - 0!.$
- $1960 = -8^1 - 7^0 + 6^2 + 5^4 + 4^5 + 3^3 + 2^8 + 1^7 + 0^6$
 $= ((87 - 6 \times 5) \times 4 - 32) \times 10.$
- $1961 = 8^0 - 7^3 + 6^4 + 5^1 + 4^2 + 3^6 + 2^8 + 1^7 + 0^5$
 $= -8 + (7 + 654 \times 3) \times (21 \times 0)!.$
- $1962 = -8^5 + 7^4 + 6^2 + 5^6 + 4^7 + 3^3 + 2^8 + 1^0 + 0^1$
 $= (8 + 7 - 6) \times (5 \times 43 + 2 + 1) \times 0!.$
- $1963 = -8^5 + 7^4 + 6^2 + 5^6 + 4^7 + 3^3 + 2^8 + 1^1 + 0^0$
 $= (8 \times 76 - 5!) \times 4 + 3^2 + 1 + 0!.$
- $1964 = 8^2 - 7^0 + 6^1 + 5^3 + 4^5 + 3^6 + 2^4 + 1^8 + 0^7$
 $= 8 + (7 \times 6 + 5! + 4 - 3) \times (2 + 10).$
- $1965 = -8^1 + 7^3 + 6^4 + 5^2 + 4^0 + 3^5 + 2^6 + 1^8 + 0^7$
 $= -8 + 7 + 654 \times 3 + 2 + 1 + 0!.$
- $1966 = 8^2 + 7^0 + 6^1 + 5^3 + 4^5 + 3^6 + 2^4 + 1^8 + 0^7$
 $= (-8 + 7 + 654) \times 3 + (2 + 1)! + 0!.$
- $1967 = 8^2 + 7^1 + 6^0 + 5^3 + 4^5 + 3^6 + 2^4 + 1^8 + 0^7$
 $= 8 - 7 + 6 \times 54 \times 3! + 21 + 0!.$
- $1968 = -8^3 + 7^1 - 6^2 + 5^0 + 4^4 + 3^7 + 2^6 + 1^8 + 0^5$
 $= 87 + 6 + 5^4 \times 3 + 21 \times 0.$
- $1969 = 8^0 + 7^3 + 6^4 + 5^1 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 \times 7 + 65 + 43^2 - 1 \times 0!.$
- $1970 = -8^3 + 7^1 + 6^4 + 5^2 + 4^5 + 3^0 + 2^7 + 1^8 + 0^6$
 $= (8 - 7) \times 654 \times 3 - 2 + 10.$
- $1971 = -8^0 - 7^4 + 6^3 + 5^2 + 4^6 + 3^1 + 2^5 + 1^8 + 0^7$
 $= 8 + 7 + 654 \times 3 - (2 + 1)! \times 0!.$
- $1972 = 8^1 + 7^3 + 6^4 + 5^0 + 4^2 + 3^5 + 2^6 + 1^8 + 0^7$
 $= -8 + (7 + 6 \times 5 - 4) \times 3 \times 2 \times 10.$
- $1973 = -8^0 + 7^2 + 6^4 + 5^3 + 4^1 + 3^5 + 2^8 + 1^7 + 0^6$
 $= -8 + 7 + 6! + (54 + 3) \times (21 + 0!).$
- $1974 = 8^1 - 7^0 - 6^4 + 5^5 + 4^3 + 3^2 + 2^6 + 1^8 + 0^7$
 $= (87 + 6 + (5 - 4)^3) \times 21 \times 0!.$
- $1975 = 8^0 + 7^2 + 6^4 + 5^3 + 4^1 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 8 + (76 + 5) \times 4! + 3 + 21 - 0!.$
- $1976 = 8^1 - 7^0 + 6^2 + 5^4 + 4^5 + 3^3 + 2^8 + 1^7 + 0^6$
 $= (87 - 6 - 5) \times (4! + 3 - 2 + 1) \times 0!.$
- $1977 = 8^0 + 7^3 + 6^4 + 5^2 + 4^1 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 + 7 + 6! + 54 \times (3 + 21 - 0!).$
- $1978 = 8^1 + 7^0 + 6^2 + 5^4 + 4^5 + 3^3 + 2^8 + 1^7 + 0^6$
 $= 8 - 7 + (-65 + 4 + 3!!) \times (2 + 1) \times 0!.$
- $1979 = 8^1 + 7^3 + 6^0 + 5^4 + 4^2 + 3^6 + 2^8 + 1^7 + 0^5$
 $= -8 + 7 + 6 \times 5 \times (4 + 3 \times 21 - 0!).$
- $1980 = -8^2 - 7^4 + 6^3 + 5^0 + 4^6 + 3^1 + 2^7 + 1^8 + 0^5$
 $= (8 \times 7 - 6 + 5) \times 4 \times 3^2 \times 1 \times 0!.$
- $1981 = 8^1 + 7^3 + 6^4 + 5^2 + 4^0 + 3^5 + 2^6 + 1^8 + 0^7$
 $= 8 + 7 + 654 \times 3 + 2 + 1 + 0!.$
- $1982 = -8^2 - 7^4 + 6^3 + 5^1 + 4^6 + 3^0 + 2^7 + 1^8 + 0^5$
 $= (8 - 7) \times 654 \times 3 + 2 \times 10.$
- $1983 = 8^0 + 7^2 + 6^3 + 5^4 + 4^5 + 3^1 + 2^6 + 1^8 + 0^7$
 $= 8 + 7 + 654 \times 3 + (2 + 1)! \times 0!.$
- $1984 = -8^2 - 7^3 + 6^4 + 5^1 + 4^5 + 3^0 + 2^6 + 1^8 + 0^7$
 $= (-8 - 7 + 65 \times 4 + 3) \times (-2 + 10).$
- $1985 = 8^3 - 7^4 + 6^0 + 5^5 + 4^2 + 3^6 + 2^1 + 1^8 + 0^7$
 $= 8 + 7 + 654 \times 3 - 2 + 10.$
- $1986 = -8^3 + 7^5 + 6^4 - 5^6 + 4^2 + 3^0 + 2^1 + 1^8 + 0^7$
 $= (8 \times 7 \times 6 - 5!/4!) \times 3! \times 2/(1 + 0!).$

- $1987 = -8^0 + 7^2 + 6^1 + 5^4 + 4^5 + 3^3 + 2^8 + 1^7 + 0^6$
 $= 87 \times 6 - 5 + (4 + 3) \times 210.$
- $1988 = 8^1 + 7^2 + 6^3 + 5^4 + 4^5 + 3^0 + 2^6 + 1^8 + 0^7$
 $= 8 - (-7 - 6 \times 5 + 4) \times 3 \times 2 \times 10.$
- $1989 = 8^0 + 7^2 + 6^1 + 5^4 + 4^5 + 3^3 + 2^8 + 1^7 + 0^6$
 $= (87 + 6 \times (5! - 4!)) \times (3 - 2 + 1 + 0!).$
- $1990 = 8^2 + 7^0 + 6^4 + 5^3 + 4^1 + 3^5 + 2^8 + 1^7 + 0^6$
 $= 87 \times 6 + (5 + 4 + 3!!) \times 2 + 10.$
- $1991 = 8^1 + 7^2 + 6^0 + 5^4 + 4^5 + 3^3 + 2^8 + 1^7 + 0^6$
 $= (-8 \times 7 + 6!) \times (-5 + 4 + 3 + 2 - 1) - 0!.$
- $1992 = -8^3 + 7^2 + 6^4 + 5^1 + 4^5 + 3^0 + 2^7 + 1^8 + 0^6$
 $= (8 + 76 - 5 + 4) \times (3 + 21 \times 0!).$
- $1993 = 8^2 + 7^1 + 6^4 + 5^3 + 4^0 + 3^5 + 2^8 + 1^7 + 0^6$
 $= -87 + 65 \times (4! + 3^2 - 1) \times 0!.$
- $1994 = 8^2 - 7^4 + 6^3 + 5^5 + 4^1 + 3^6 + 2^8 + 1^0 + 0^7$
 $= (8 + 7 + 6) \times (-5 + 4!) \times (3 \times 2 - 1) - 0!.$
- $1995 = 8^0 + 7^3 + 6^2 + 5^4 + 4^1 + 3^6 + 2^8 + 1^7 + 0^5$
 $= (8 + 7 + 6) \times (-5 + 4!) \times (3 \times 2 - 1) \times 0!.$
- $1996 = -8^3 + 7^0 + 6^1 + 5^2 + 4^4 + 3^7 + 2^5 + 1^8 + 0^6$
 $= (8 + 7 + 6) \times (-5 + 4!) \times (3 \times 2 - 1) + 0!.$
- $1997 = -8^3 + 7^1 + 6^0 + 5^2 + 4^4 + 3^7 + 2^5 + 1^8 + 0^6$
 $= 87 \times 6 + 5 + (4 + 3) \times 210.$
- $1998 = 8^2 + 7^0 + 6^3 + 5^4 + 4^5 + 3^1 + 2^6 + 1^8 + 0^7$
 $= (8 + 7 + 654 - 3) \times (2 \times 1 + 0!).$
- $1999 = 8^1 + 7^3 + 6^2 + 5^4 + 4^0 + 3^6 + 2^8 + 1^7 + 0^5$
 $= 8 + 7 + 654 \times 3 + 21 + 0!.$
- $2000 = -8^2 + 7^3 + 6^1 + 5^4 + 4^5 + 3^0 + 2^6 + 1^8 + 0^7$
 $= (-8 + (7 - 6 + 5) \times 43) \times (-2 + 10).$
- $2001 = -8^3 + 7^1 - 6^0 + 5^4 + 4^5 + 3^6 + 2^7 + 1^8 + 0^2$
 $= (-8 + 7 + 6 \times 5) \times (4! \times 3 - 2 - 1) \times 0!.$
- $2002 = 8^2 + 7^1 + 6^3 + 5^4 + 4^5 + 3^0 + 2^6 + 1^8 + 0^7$
 $= 8 + (76 + 5) \times 4! + (3 + 2) \times 10.$
- $2003 = -8^3 + 7^1 + 6^0 + 5^4 + 4^5 + 3^6 + 2^7 + 1^8 + 0^2$
 $= -8 + 7 \times 6 + 5! + 43^2 \times 1 \times 0!.$
- $2004 = 8^2 + 7^0 + 6^1 + 5^4 + 4^5 + 3^3 + 2^8 + 1^7 + 0^6$
 $= (8 + 7 + 6 + 5! \times 4) \times (3! - 2 \times 1) \times 0!.$
- $2005 = 8^2 + 7^1 + 6^0 + 5^4 + 4^5 + 3^3 + 2^8 + 1^7 + 0^6$
 $= -8 + 7 \times 6 \times (5 + 43) - 2 - 1 \times 0!.$
- $2006 = -8^3 + 7^0 + 6^2 + 5^1 + 4^4 + 3^7 + 2^5 + 1^8 + 0^6$
 $= 8 \times 7 + 654 \times 3 - 2 - 10.$
- $2007 = 8^3 - 7^4 + 6^2 + 5^5 + 4^1 + 3^6 + 2^0 + 1^8 + 0^7$
 $= (-87 + (6!/5)/4 + 3!!) \times (2 + 1) \times 0!.$
- $2008 = -8^3 + 7^1 + 6^2 + 5^0 + 4^4 + 3^7 + 2^5 + 1^8 + 0^6$
 $= 876 + 5! - 4 \times 3 + 2^{10}.$
- $2009 = -8^0 + 7^1 + 6^3 + 5^4 + 4^5 + 3^2 + 2^7 + 1^8 + 0^6$
 $= (87 - 6 + 5!) \times (4!/3 + 2 \times 1) - 0!.$
- $2010 = 8^1 - 7^0 + 6^3 + 5^4 + 4^5 + 3^2 + 2^7 + 1^8 + 0^6$
 $= (8 - 7) \times 6 \times 5 \times (4^3 + 2 + 1) \times 0!.$
- $2011 = 8^0 + 7^1 + 6^3 + 5^4 + 4^5 + 3^2 + 2^7 + 1^8 + 0^6$
 $= (87 - 6 + 5!) \times (4!/3 + 2 \times 1) + 0!.$
- $2012 = 8^1 + 7^0 + 6^3 + 5^4 + 4^5 + 3^2 + 2^7 + 1^8 + 0^6$
 $= 8 \times 7 \times (6!/5)/4 - 3! + 2 \times 1 \times 0!.$
- $2013 = 8^1 - 7^4 + 6^0 + 5^2 + 4^6 + 3^3 + 2^8 + 1^7 + 0^5$
 $= ((8 + 7) \times 6 - 5 - 4!) \times (32 + 1) \times 0!.$
- $2014 = 8^2 - 7^4 + 6^3 + 5^1 + 4^6 + 3^0 + 2^5 + 1^8 + 0^7$
 $= (-8 + 76) \times 5!/4 - 3(2 + 1) + 0!.$
- $2015 = -8^3 - 7^1 + 6^0 + 5^2 + 4^4 + 3^7 + 2^6 + 1^8 + 0^5$
 $= 8 + 7 + 6 \times 5! + 4 \times 32 \times 10.$
- $2016 = 8^2 + 7^3 + 6^4 + 5^0 + 4^1 + 3^5 + 2^6 + 1^8 + 0^7$
 $= (-8 + 7) \times (6 - 54) \times (32 + 10).$

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