Double Sequential Representations of Natural Numbers – II

Inder J. Taneja[1]

Abstract

This work brings representations of natural numbers from 0 to 2016 in two different ways. In both the representations, the same digits from 7 to 0 are used in decreasing order.

1   Introduction

In [6], the author studied natural numbers from 0 to 11111 representing in terms of 1 to 9 in increasing and decreasing ways, such as,

$$100 = 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 \times 9 = 9 \times 8 + 7 + 6 + 5 + 4 + 3 + 2 + 1.$$
$$101 = 1 + 2 + 34 + 5 + 6 \times 7 + 8 + 9 \quad = 9 \times 8 + 7 + 6 + 5 + 4 + 3 \times 2 + 1.$$
$$102 = 12 + 3 \times 4 \times 5 + 6 + 7 + 8 + 9 \quad = 9 + 8 + 7 + 6 + 5 + 4^3 + 2 + 1.$$
$$103 = 1 \times 2 \times 34 + 5 + 6 + 7 + 8 + 9 \quad = 9 + 8 + 7 \times 6 + 5 \times 4 + 3 + 21.$$
$$104 = 1 + 23 + 4 + 5 + 6 + 7 \times 8 + 9 \quad = 9 + 8 + 7 + 65 + 4 \times 3 + 2 + 1.$$
$$105 = 1 + 2 \times 3 \times 4 + 56 + 7 + 8 + 9 \quad = 9 + 8 \times 7 + 6 \times 5 + 4 + 3 + 2 + 1.$$
$$106 = 12 + 3 + 4 \times 5 + 6 + 7 \times 8 + 9 \quad = 9 + 8 \times 7 + 6 \times 5 + 4 + 3 \times 2 + 1.$$
$$107 = 1 \times 23 + 4 + 56 + 7 + 8 + 9 \quad = 9 + 8 + 76 + 5 + 4 + 3 + 2 \times 1.$$

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Recently, author [20] 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:

$$100 := 2^6 + 6^2.$$
$$101 := 1^1 + 2^6 + 6^2.$$
$$102 := -2^5 + 3^2 + 5^3.$$
$$103 := 1^1 - 2^5 + 3^2 + 5^3.$$
$$104 := -1^1 + 2^3 + 3^4 + 4^2.$$
$$105 := 2^3 + 3^4 + 4^2.$$
$$106 := 1^1 + 2^3 + 3^4 + 4^2.$$
$$107 := 1^9 - 2^1 + 3^3 + 9^2.$$

....

Both the above works uses the digits 1 to 9. First representations are sequential while the second are not sequential, but uses the same digits in exponents as of bases. Both the works are without use of 0.

Recently, the author in [22] wrote natural numbers in two different ways in *sequential representations* ending in 0 using the digits: [210], [3210], [43210], [543210] and [6543210]. One example in each case is as follows:

$$1 = 2^1 - 1^0 + 0^2 = 2 - 1 \times 0!.$$
$$1 = -3^2 + 2^3 + 1^1 + 0^0 = (3 - 2)^{10}.$$
$$1 = 4^0 - 3^2 + 2^3 + 1^4 + 0^1 = (4 - 3)^{210}.$$
$$1 = 5^1 - 4^4 + 3^5 + 2^3 + 1^0 + 0^2 = (5 - 4)^{3210}.$$
$$1 = 6^1 + 5^2 - 4^3 + 3^0 + 2^5 + 1^6 + 0^4 = (6 - 5)^{43210}.$$

We wrote [22] all the possible representations arising due to digits [210] to [543210]. Not all the numbers are available. In case of [6543210], we have all the numbers up to 2072, and much more, but we have written only up to 2000. As the digits increases number of possibilities also increases. We considered only those numbers, where the representations are available in both the cases. For simplicity, we call it as *"double sequential representations"*. In this work we have written representations using the digits [76543210] in both the ways.

For more studies on numbers in different situations refer to Taneja [6]–[21]. Also refer [1, 2, 3, 4, 5] for further study.

[1]*Formerly, Professor of Mathematics, Universidade Federal de Santa Catarina, 88.040-900 Florianópolis, SC, Brazil. e-mail: ijtaneja@gmail.com.*

2   Double Representations From 7 to 0 in Decreasing Order

Below are *double representations* of natural numbers from 0 to 2016 in decreasing orders of digits from 7 to 0. We have written only up to 2016 but the results are possible up to 10429 and 9520 respectively, and much more.

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

$$1 = -7^2 - 6^3 + 5^1 + 4^0 + 3^5 + 2^4 + 1^7 + 0^6$$
$$= (7 - 6)^{543210}.$$

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

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

$$4 = -7^1 - 6^3 + 5^0 + 4^2 + 3^4 + 2^7 + 1^6 + 0^5$$
$$= (7 - 6) \times (5 - (4 - 3)^{210}).$$

$$5 = -7^3 - 6^0 + 5^2 + 4^4 + 3^1 + 2^6 + 1^7 + 0^5$$
$$= 7 - 6 + 5 - (4 - 3)^{210}.$$

$$6 = -7^3 + 6^2 + 5^0 + 4^1 + 3^5 + 2^6 + 1^7 + 0^4$$
$$= (7 - 6) \times 5 + (4 - 3)^{210}.$$

$$7 = -7^3 + 6^2 + 5^1 + 4^0 + 3^5 + 2^6 + 1^7 + 0^4$$
$$= 7 + 654321 \times 0.$$

$$8 = -7^3 - 6^2 - 5^0 + 4^4 + 3^1 + 2^7 + 1^6 + 0^5$$
$$= 7 + 6 - 5 \times 43 + 210.$$

$$9 = -7^3 + 6^0 - 5^2 + 4^1 + 3^5 + 2^7 + 1^6 + 0^4$$
$$= -7 + 6 + 5 - 4 - 3 + 2 + 10.$$

$$10 = -7^3 + 6^1 + 5^2 + 4^4 + 3^0 + 2^6 + 1^7 + 0^5$$
$$= (7 + 65 - 4 + 32)/10.$$

$$11 = -7^4 + 6^3 - 5^2 + 4^0 + 3^7 + 2^5 + 1^6 + 0^1$$
$$= 76 - 54 - 3 + 2 - 10.$$

$$12 = -7^4 + 6^3 + 5^0 + 4^1 + 3^7 + 2^2 + 1^6 + 0^5$$
$$= 7 + 6 - (54321 \times 0)!.$$

$$13 = -7^4 + 6^3 + 5^1 + 4^0 + 3^7 + 2^2 + 1^6 + 0^5$$
$$= 7 + 6 + 54321 \times 0.$$

$$14 = -7^0 - 6^3 + 5^1 + 4^2 + 3^4 + 2^7 + 1^6 + 0^5$$
$$= 7 + 6 + (54321 \times 0)!.$$

$$15 = 7^4 + 6^0 - 5^5 + 4^1 + 3^6 + 2^2 + 1^7 + 0^3$$
$$= 7 + 654/3 - 210.$$

$$16 = -7^4 + 6^2 + 5^3 + 4^1 + 3^7 + 2^6 + 1^0 + 0^5$$
$$= 76 - 5 - 43 - 2 - 10.$$

$$17 = -7^4 + 6^2 + 5^3 + 4^1 + 3^7 + 2^6 + 1^5 + 0^0$$
$$= 7 + 65 - 43 - 2 - 10.$$

$$18 = -7^3 + 6^2 + 5^0 + 4^4 + 3^1 + 2^6 + 1^7 + 0^5$$
$$= (76 + 5) \times 4/(3! \times (2 + 1)) \times 0!.$$

$$19 = 7^4 + 6^0 - 5^5 + 4^1 + 3^6 + 2^3 + 1^7 + 0^2$$
$$= 7 + 6 \times 5 + 4 - 32 + 10.$$

$$20 = -7^3 + 6^2 + 5^1 + 4^4 + 3^0 + 2^6 + 1^7 + 0^5$$
$$= 7 + 6 + 5!/4 - 3 - 21 + 0!.$$

$$21 = 7^4 + 6^1 - 5^5 + 4^0 + 3^6 + 2^3 + 1^7 + 0^2$$
$$= (-7 + 6) \times 5 + 4 + 32 - 10.$$

$$22 = -7^4 + 6^3 + 5^0 + 4^2 + 3^7 + 2^1 + 1^6 + 0^5$$
$$= 76 - 54 - 321 \times 0.$$

$$23 = 7^4 - 6^0 - 5^5 + 4^2 + 3^6 + 2^1 + 1^7 + 0^3$$
$$= 7 + (6 \times (5 - 4) + 3) \times 2 - 1 - 0!.$$

$$24 = 7^0 - 6^3 + 5^2 + 4^1 + 3^4 + 2^7 + 1^6 + 0^5$$
$$= (7 - 6) \times (5 + 4) + 3 + 2 + 10.$$

$$25 = -7^4 + 6^3 + 5^1 + 4^2 + 3^7 + 2^0 + 1^6 + 0^5$$
$$= 76 - 5 - 4 - 32 - 10.$$

$$26 = 7^3 - 6^4 - 5^5 + 4^6 + 3^1 + 2^2 + 1^0 + 0^7$$
$$= (7 + 6) \times 54/(3! + 21 \times 0!).$$

$$27 = 7^1 - 6^3 + 5^2 + 4^0 + 3^4 + 2^7 + 1^6 + 0^5$$
$$= 76 + 5 - \sqrt{4} \times 32 + 10.$$

$$28 = -7^2 - 6^3 + 5^0 + 4^4 + 3^1 + 2^5 + 1^7 + 0^6$$
$$= 76 - 54 - 3! + 2 + 10.$$

$$29 = 7^4 + 6^1 - 5^5 + 4^2 + 3^6 + 2^0 + 1^7 + 0^3$$
$$= 7 + 6 \times 5 + 4 \times 3 - 2 \times 10.$$

$$30 = -7^2 - 6^3 + 5^1 + 4^4 + 3^0 + 2^5 + 1^7 + 0^6$$
$$= 76 - 5 - 43 + 2 \times 1 \times 0!.$$

$$31 = -7^4 + 6^3 + 5^2 + 4^0 + 3^7 + 2^1 + 1^6 + 0^5$$
$$= (7 - 6) \times 5 + 4 + 32 - 10.$$

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

$$33 = -7^4 + 6^3 + 5^2 + 4^1 + 3^7 + 2^0 + 1^6 + 0^5$$
$$= 76 - 5 + 4 - 32 - 10.$$

$$34 = 7^2 - 6^4 + 5^3 + 4^5 + 3^1 + 2^7 + 1^0 + 0^6$$
$$= -7 + 65 - 4 \times 3 - 2 - 10.$$

$$35 = 7^2 - 6^4 + 5^3 + 4^5 + 3^1 + 2^7 + 1^6 + 0^0$$
$$= 7 + 6 \times 5 - 4 + 3 - 2 + 1 \times 0!.$$

$$36 = 7^4 + 6^1 - 5^5 + 4^2 + 3^6 + 2^3 + 1^0 + 0^7$$
$$= -7 + 6 - 5 + 43 - 2 + 1 \times 0!.$$

$$37 = 7^4 + 6^1 - 5^5 + 4^2 + 3^6 + 2^3 + 1^7 + 0^0$$
$$= 7 \times 6 + 5^4 - 3 \times 210.$$

$$38 = -7^4 + 6^3 - 5^0 + 4^1 + 3^7 + 2^5 + 1^6 + 0^2$$
$$= (7 - 6) \times 5 \times \sqrt{4} \times 3 - 2 + 10.$$

$$39 = 7^2 - 6^3 - 5^1 + 4^0 + 3^4 + 2^7 + 1^6 + 0^5$$
$$= 7 + 6 + (5 + \sqrt{4^3}) \times 2 \times 1 \times 0!.$$

$$40 = -7^4 + 6^3 + 5^0 + 4^1 + 3^7 + 2^5 + 1^6 + 0^2$$
$$= 7 - 6 + 54 - 3 - 2 - 10.$$

$$41 = -7^4 + 6^3 + 5^1 + 4^0 + 3^7 + 2^5 + 1^6 + 0^2$$
$$= (-7 + 6) \times 5 + 4 + 32 + 10.$$

$$42 = -7^0 + 6^1 - 5^3 + 4^2 + 3^4 + 2^6 + 1^7 + 0^5$$
$$= 76 - 5 + 4 - 32 - 1 \times 0!.$$

$$43 = 7^3 + 6^0 - 5^4 + 4^2 + 3^5 + 2^6 + 1^7 + 0^1$$
$$= 7 + 65 - 4! - 3 - 2 \times 1 \times 0!.$$

$$44 = 7^0 + 6^1 - 5^3 + 4^2 + 3^4 + 2^6 + 1^7 + 0^5$$
$$= 76 - 5 + 4 - 32 + 1 \times 0!.$$

$$45 = 7^4 + 6^2 - 5^5 + 4^0 + 3^6 + 2^1 + 1^7 + 0^3$$
$$= 7 + 6 \times 5 - 4 \times 3 + 2 \times 10.$$

$$46 = -7^3 - 6^1 + 5^0 + 4^4 + 3^2 + 2^7 + 1^6 + 0^5$$
$$= 76 + 5 - 43 - 2 + 10.$$

$47 = 7^4 + 6^2 - 5^5 + 4^1 + 3^6 + 2^0 + 1^7 + 0^3$
$\quad = 7 \times 6 - 5^4 + 3 \times 210.$

$48 = 7^2 - 6^3 + 5^0 + 4^1 + 3^4 + 2^7 + 1^6 + 0^5$
$\quad = (76 + 5!)/\sqrt{4} - (3 + 2) \times 10.$

$49 = 7^2 - 6^3 + 5^1 + 4^0 + 3^4 + 2^7 + 1^6 + 0^5$
$\quad = 7 + 65 + 4 - 3! - 21 \times 0!.$

$50 = -7^4 + 6^3 - 5^0 + 4^2 + 3^7 + 2^5 + 1^6 + 0^1$
$\quad = 7 - 6 - 5 + 4 + (3 + 2) \times 10.$

$51 = -7^3 + 6^0 + 5^1 + 4^2 + 3^5 + 2^7 + 1^6 + 0^4$
$\quad = (7 - 6) \times 5 + 4 + 32 + 10.$

$52 = -7^4 + 6^3 + 5^0 + 4^2 + 3^7 + 2^5 + 1^6 + 0^1$
$\quad = 76 \times (5 - 4) + 3 \times (2 - 10).$

$53 = 7^3 - 6^4 - 5^6 + 4^7 + 3^5 + 2^1 + 1^2 + 0^0$
$\quad = 7 + 65 + 4 - 3 - 2 \times 10.$

$54 = -7^5 - 6^3 + 5^4 + 4^7 + 3^1 + 2^6 + 1^0 + 0^2$
$\quad = 76 + 5 \times 4 - 32 - 10.$

$55 = -7^5 - 6^3 + 5^4 + 4^7 + 3^1 + 2^6 + 1^2 + 0^0$
$\quad = 7 - 6 + 54 + 321 \times 0.$

$56 = -7^4 + 6^3 + 5^1 + 4^2 + 3^7 + 2^5 + 1^0 + 0^6$
$\quad = 7 \times (654/3 - 210).$

$57 = -7^4 + 6^3 + 5^1 + 4^2 + 3^7 + 2^5 + 1^6 + 0^0$
$\quad = (76 + 5) \times 4/3! + 2 + 1 \times 0!.$

$58 = -7^3 + 6^1 + 5^0 + 4^4 + 3^2 + 2^7 + 1^6 + 0^5$
$\quad = 7 + 6 + 5 + 43 - 2 - 1 \times 0!.$

$59 = -7^3 + 6^0 + 5^2 + 4^1 + 3^5 + 2^7 + 1^6 + 0^4$
$\quad = -7 + 6 \times (54 - 32)/(1 + 0!).$

$60 = -7^5 - 6^3 + 5^4 + 4^7 + 3^2 + 2^6 + 1^0 + 0^1$
$\quad = 7 \times 6 + \sqrt{(5 + 4) \times 3 \times (2 + 10)}.$

$61 = -7^4 + 6^3 + 5^2 + 4^0 + 3^7 + 2^5 + 1^6 + 0^1$
$\quad = -7 + 6 - 5 + 4 + 3 \times 21 \times 0!.$

$62 = -7^3 - 6^1 + 5^2 + 4^4 + 3^0 + 2^7 + 1^6 + 0^5$
$\quad = -7 + 65 + \sqrt{4} \times 3 - 2 - 1 + 0!.$

$63 = -7^1 - 6^3 + 5^2 + 4^0 + 3^5 + 2^4 + 1^7 + 0^6$
$\quad = 7 \times (6 - 5) \times (4 - 3 - 2 + 10).$

$64 = -7^4 + 6^3 + 5^2 + 4^1 + 3^7 + 2^5 + 1^0 + 0^6$
$\quad = (7 - 6) \times 5 \times 4 \times 32/10.$

$65 = -7^4 + 6^3 + 5^2 + 4^1 + 3^7 + 2^5 + 1^6 + 0^0$
$\quad = 7 + 65 + 4 - 3 + 2 - 10.$

$66 = 7^0 - 6^3 + 5^1 + 4^2 + 3^5 + 2^4 + 1^7 + 0^6$
$\quad = (-7 + 65) \times \sqrt{4} - (3 + 2) \times 10.$

$67 = 7^3 + 6^2 - 5^4 + 4^1 + 3^5 + 2^6 + 1^7 + 0^0$
$\quad = 76 - \sqrt{5^4} + 3 \times 2 + 10.$

$68 = 7^1 - 6^3 + 5^0 + 4^2 + 3^5 + 2^4 + 1^7 + 0^6$
$\quad = 7 - 6 + 5! - 4! + 3 - \sqrt{2^{10}}.$

$69 = -7^3 - 6^0 + 5^2 + 4^4 + 3^1 + 2^7 + 1^6 + 0^5$
$\quad = 7 - 6 + 5 + 43 + 2 \times 10.$

$70 = -7^3 + 6^2 + 5^0 + 4^1 + 3^5 + 2^7 + 1^6 + 0^4$
$\quad = 7 \times (65 - 43 - 2 - 10).$

$71 = -7^3 + 6^2 + 5^1 + 4^0 + 3^5 + 2^7 + 1^6 + 0^4$
$\quad = (76 - 5) \times 4 - 3 - 210.$

$72 = -7^4 + 6^3 + 5^0 + 4^1 + 3^7 + 2^6 + 1^5 + 0^2$
$\quad = 7 + 65 + 4321 \times 0.$

$73 = -7^4 + 6^3 + 5^1 + 4^0 + 3^7 + 2^6 + 1^5 + 0^2$
$\quad = -7 + 6 + 5! - 4 - 32 - 10.$

$74 = -7^3 + 6^1 + 5^2 + 4^4 + 3^0 + 2^7 + 1^6 + 0^5$
$\quad = 76 + 5 \times 4 - 32 + 10.$

$75 = 7^4 + 6^0 - 5^5 + 4^3 + 3^6 + 2^2 + 1^7 + 0^1$
$\quad = 76 - 5 + 4 + 32 \times 1 \times 0.$

$76 = -7^1 - 6^3 + 5^0 + 4^4 + 3^2 + 2^5 + 1^7 + 0^6$
$\quad = (7 - 6) \times (5! - 43 - 2 + 1) \times 0!.$

$77 = 7^1 - 6^3 + 5^2 + 4^0 + 3^5 + 2^4 + 1^7 + 0^6$
$\quad = -76 - 54 - 3 + 210.$

$78 = -7^4 + 6^3 - 5^1 + 4^2 + 3^7 + 2^6 + 1^0 + 0^5$
$\quad = 76 - 5 - 4 + 3 - 2 + 10.$

$79 = -7^4 + 6^3 - 5^1 + 4^2 + 3^7 + 2^6 + 1^5 + 0^0$
$\quad = 7 + 65 - 4 + 3 - 2 + 10.$

$80 = 7^3 - 6^4 + 5^0 + 4^5 + 3^1 + 2^2 + 1^7 + 0^6$
$\quad = 76 - (5 + 4 + 3)/2 + 10.$

$81 = 7^4 + 6^1 - 5^5 + 4^3 + 3^6 + 2^2 + 1^7 + 0^0$
$\quad = 76 + 5 + 4 - 3 - 2 + 1 \times 0!.$

$82 = -7^3 + 6^2 + 5^0 + 4^4 + 3^1 + 2^7 + 1^6 + 0^5$
$\quad = (76 + 5 + 4 - 3) \times (2 - 1) \times 0!.$

$83 = 7^5 - 6^4 - 5^6 + 4^3 + 3^1 + 2^7 + 1^2 + 0^0$
$\quad = -7 - 6 + 54 + 32 + 10.$

$84 = -7^4 + 6^3 + 5^0 + 4^2 + 3^7 + 2^6 + 1^5 + 0^1$
$\quad = 7 \times (-6 + 54)/(3 \times 2 - 1 - 0!).$

$85 = -7^3 + 6^4 - 5^5 + 4^1 + 3^7 + 2^6 + 1^2 + 0^0$
$\quad = 76 + 5 - 4 \times (3^2 - 10).$

$86 = -7^0 - 6^3 + 5^1 + 4^4 + 3^2 + 2^5 + 1^7 + 0^6$
$\quad = 7 - 65 + (4 \times 3)^2 \times 1 \times 0!.$

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

$88 = -7^4 + 6^3 + 5^1 + 4^2 + 3^7 + 2^6 + 1^0 + 0^5$
$\quad = 7 + 65 + \sqrt{4^3} - 2 + 10.$

$89 = -7^4 + 6^3 + 5^1 + 4^2 + 3^7 + 2^6 + 1^5 + 0^0$
$\quad = -76 + 5! + 43 + 2 \times 1 \times 0!.$

$90 = 7^1 - 6^3 + 5^0 + 4^4 + 3^2 + 2^5 + 1^7 + 0^6$
$\quad = 76 + 54 - (3! - 2) \times 10.$

$91 = -7^2 + 6^0 - 5^3 + 4^1 + 3^5 + 2^4 + 1^7 + 0^6$
$\quad = 7 + 65 + 4 - 3! + 21 \times 0!.$

$92 = -7^1 - 6^3 + 5^2 + 4^4 + 3^0 + 2^5 + 1^7 + 0^6$
$\quad = (7 - 6) \times (5! - 4) + 3 \times (2 - 10).$

$93 = -7^4 + 6^3 + 5^2 + 4^0 + 3^7 + 2^6 + 1^5 + 0^1$
$\quad = 7 + 65 + 4 - 3 + 2 \times 10.$

$94 = -7^5 - 6^3 + 5^0 + 4^7 + 3^6 + 2^1 + 1^4 + 0^2$
$\quad = 76 + \sqrt{5 + 4} + 3 + 2 + 10.$

$95 = 7^3 + 6^0 - 5^4 + 4^1 + 3^5 + 2^7 + 1^6 + 0^2$
$\quad = -765 + 43 \times 2 \times 10.$

$96 = -7^4 + 6^3 + 5^2 + 4^1 + 3^7 + 2^6 + 1^0 + 0^5$
$\quad = -7 - 6 + 5! + 4 - 3 - 2 - 10.$

$97 = -7^4 + 6^3 + 5^2 + 4^1 + 3^7 + 2^6 + 1^5 + 0^0$
$\quad = 76 - 5 + 4 + 32 - 10.$

$$98 = 7^2 - 6^3 + 5^0 + 4^1 + 3^5 + 2^4 + 1^7 + 0^6$$
$$= 7 \times (65 - 43 + 2 - 10).$$

$$99 = 7^2 - 6^3 + 5^1 + 4^0 + 3^5 + 2^4 + 1^7 + 0^6$$
$$= 7 + 6 + 54 + 32 \times 1 \times 0!.$$

$$100 = 7^3 - 6^4 + 5^2 + 4^5 + 3^0 + 2^1 + 1^7 + 0^6$$
$$= 76 \times (5 - 4) + 3 \times (-2 + 10).$$

$$101 = 7^3 - 6^4 + 5^2 + 4^5 + 3^1 + 2^0 + 1^7 + 0^6$$
$$= 7 \times 6 + 54 - 3 - 2 + 10.$$

$$102 = 7^0 - 6^3 + 5^2 + 4^4 + 3^1 + 2^5 + 1^7 + 0^6$$
$$= 7 \times 6 + 5 + 43 + 2 + 10.$$

$$103 = 7^4 - 6^2 - 5^5 + 4^1 + 3^6 + 2^7 + 1^3 + 0^0$$
$$= (76 + 5! + 4 \times 3)/2 - 1 \times 0!.$$

$$104 = 7^0 - 6^3 - 5^1 + 4^2 + 3^5 + 2^6 + 1^7 + 0^4$$
$$= 76 + 54 - 3! - 2 \times 10.$$

$$105 = 7^3 - 6^0 - 5^4 + 4^2 + 3^5 + 2^7 + 1^6 + 0^1$$
$$= 7 \times (6 - (5 - 4)^3 2 + 10).$$

$$106 = 7^1 - 6^3 + 5^2 + 4^4 + 3^0 + 2^5 + 1^7 + 0^6$$
$$= 76 \times 5 - 4^3 - 210.$$

$$107 = 7^4 + 6^2 - 5^5 + 4^3 + 3^6 + 2^0 + 1^7 + 0^1$$
$$= 76 - 5 + 4 + 32 \times 1 \times 0!.$$

$$108 = -7^5 - 6^3 + 5^0 + 4^7 + 3^6 + 2^4 + 1^2 + 0^1$$
$$= 7 - 654/3! + 210.$$

$$109 = 7^4 + 6^2 - 5^5 + 4^3 + 3^6 + 2^1 + 1^7 + 0^0$$
$$= 76 - 5 - 4 + 32 + 10.$$

$$110 = 7^0 - 6^3 - 5^1 + 4^4 + 3^2 + 2^6 + 1^7 + 0^5$$
$$= 7 + 65 - 4 + 32 + 10.$$

$$111 = -7^1 - 6^3 + 5^2 + 4^0 + 3^5 + 2^6 + 1^7 + 0^4$$
$$= (7 - 6) \times (5 + \sqrt{4} \times 3)^2 - 10.$$

$$112 = -7^5 - 6^3 + 5^1 + 4^7 + 3^6 + 2^4 + 1^0 + 0^2$$
$$= 7 - 6 + (5 + \sqrt{4} \times 3)^2 - 10.$$

$$113 = -7^5 - 6^3 + 5^1 + 4^7 + 3^6 + 2^4 + 1^2 + 0^0$$
$$= -7 + 65 + 43 + 2 + 10.$$

$$114 = 7^0 - 6^3 + 5^1 + 4^2 + 3^5 + 2^6 + 1^7 + 0^4$$
$$= 76 + 5 \times 4 - 3 + 21 \times 0!.$$

$$115 = -7^1 + 6^2 - 5^3 + 4^0 + 3^4 + 2^7 + 1^6 + 0^5$$
$$= (7 - 6) \times 5! + 4 + 3 - 2 - 10.$$

$$116 = 7^1 - 6^3 + 5^0 + 4^2 + 3^5 + 2^6 + 1^7 + 0^4$$
$$= (-7 + 65) \times (4!/(3 \times 2) - 1 - 0!).$$

$$117 = -7^5 - 6^3 + 5^2 + 4^7 + 3^6 + 2^0 + 1^4 + 0^1$$
$$= 76 - 5 + 4 + 32 + 10.$$

$$118 = -7^5 - 6^3 + 5^2 + 4^7 + 3^6 + 2^1 + 1^0 + 0^4$$
$$= 7 \times (6 + 5) + 43 - 2 \times 1 \times 0!.$$

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

$$120 = 7^0 - 6^3 + 5^1 + 4^4 + 3^2 + 2^6 + 1^7 + 0^5$$
$$= (7 + 6) \times 5 + 43 + 2 + 10.$$

$$121 = -7^3 - 6^4 + 5^1 + 4^5 + 3^6 + 2^0 + 1^7 + 0^2$$
$$= 7 - 6 - (5 \times 4 - 32) \times 10.$$

$$122 = 7^1 - 6^3 + 5^0 + 4^4 + 3^2 + 2^6 + 1^7 + 0^5$$
$$= 7 \times 6 \times (5 - 4) \times 3 - 2 - 1 - 0!.$$

$$123 = -7^5 + 6^4 + 5^6 + 4^0 + 3^1 + 2^2 + 1^7 + 0^3$$
$$= (7 - 6) \times 5 + 4 \times 32 - 10.$$

$$124 = -7^5 + 6^4 + 5^6 + 4^1 + 3^0 + 2^2 + 1^7 + 0^3$$
$$= 76 + 54 + 3! - 2 - 10.$$

$$125 = 7^1 - 6^3 + 5^2 + 4^0 + 3^5 + 2^6 + 1^7 + 0^4$$
$$= 76 + 54 + 3 + 2 - 10.$$

$$126 = 7^2 - 6^3 + 5^0 + 4^4 + 3^1 + 2^5 + 1^7 + 0^6$$
$$= 76 - 5 + 43 + 2 + 10.$$

$$127 = -7^5 + 6^4 + 5^6 + 4^0 + 3^2 + 2^1 + 1^7 + 0^3$$
$$= 76 \times 5 - 43 - 210.$$

$$128 = -7^5 + 6^4 + 5^6 + 4^1 + 3^0 + 2^3 + 1^7 + 0^2$$
$$= 76 \times 5 - 4 \times 3 \times 21 \times 0!.$$

$$129 = -7^5 + 6^4 + 5^6 + 4^1 + 3^2 + 2^0 + 1^7 + 0^3$$
$$= (7 - 6)^5 \times 4 \times 32 + 1 \times 0!.$$

$$130 = 7^3 + 6^2 - 5^4 + 4^1 + 3^5 + 2^7 + 1^0 + 0^6$$
$$= 76 + 54 + 321 \times 0.$$

$$131 = 7^3 + 6^2 - 5^4 + 4^1 + 3^5 + 2^7 + 1^6 + 0^0$$
$$= 76 - 5 - 4 + 3 \times 21 + 0!.$$

$$132 = -7^5 - 6^3 + 5^2 + 4^7 + 3^6 + 2^4 + 1^0 + 0^1$$
$$= -7 + 65 \times \sqrt{4} + 3^2 \times 1 \times 0!.$$

$$133 = -7^5 + 6^4 + 5^6 + 4^0 + 3^2 + 2^3 + 1^7 + 0^1$$
$$= 7 \times (-65 + 4! + 3 \times 2 \times 10).$$

$$134 = -7^5 + 6^4 + 5^6 + 4^2 + 3^0 + 2^1 + 1^7 + 0^3$$
$$= -7 \times 6 \times 5 + 4! + 32 \times 10.$$

$$135 = -7^5 + 6^4 + 5^6 + 4^2 + 3^1 + 2^0 + 1^7 + 0^3$$
$$= 76 + 54 - 3 - 2 - 10.$$

$$136 = -7^5 + 6^4 + 5^6 + 4^1 + 3^2 + 2^3 + 1^0 + 0^7$$
$$= 7 + 65 + 43 + 21 \times 0!.$$

$$137 = -7^5 + 6^4 + 5^6 + 4^1 + 3^2 + 2^3 + 1^7 + 0^0$$
$$= -7 - 6 + 54 \times 3 - 2 - 10.$$

$$138 = 7^1 - 6^3 + 5^2 + 4^4 + 3^0 + 2^6 + 1^7 + 0^5$$
$$= -7 + 65 \times \sqrt{4} - 3 - 2 - 10.$$

$$139 = 7^4 + 6^0 - 5^5 + 4^1 + 3^6 + 2^7 + 1^3 + 0^2$$
$$= -7 - 65 + 4 - 3 + 210.$$

$$140 = -7^5 + 6^4 + 5^6 + 4^2 + 3^0 + 2^3 + 1^7 + 0^1$$
$$= -76 + 5 + 4 - 3 + 210.$$

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

$$142 = -7^5 + 6^4 + 5^6 + 4^2 + 3^1 + 2^3 + 1^0 + 0^7$$
$$= 76 + 5! - 4 - (3 + 2) \times 10.$$

$$143 = -7^5 + 6^4 + 5^6 + 4^2 + 3^1 + 2^3 + 1^7 + 0^0$$
$$= 7 \times (6 + 5 + 4) + 3! + \sqrt{2^{10}}.$$

$$144 = 7^4 - 6^1 - 5^5 + 4^2 + 3^6 + 2^7 + 1^0 + 0^3$$
$$= 76 + 54 + 3! - 2 + 10.$$

$$145 = -7^5 + 6^4 + 5^6 + 4^0 + 3^3 + 2^1 + 1^7 + 0^2$$
$$= 7 - 65 - 4 - 3 + 210.$$

$$146 = 7^3 - 6^4 + 5^0 + 4^5 + 3^2 + 2^6 + 1^7 + 0^1$$
$$= 76 + 54 + 3 \times 2 + 10.$$

$$147 = -7^5 + 6^4 + 5^6 + 4^1 + 3^3 + 2^0 + 1^7 + 0^2$$
$$= 76 + 5 + 4! + 32 + 10.$$

$$148 = 7^0 - 6^2 + 5^1 + 4^3 + 3^4 + 2^5 + 1^7 + 0^6$$
$$= 7 - 6! - 5! - 43 + 2^{10}.$$

$$149 = 7^4 - 6^0 - 5^5 + 4^2 + 3^6 + 2^7 + 1^3 + 0^1$$
$$= -7 - 6 + 54 \times 3 + 21 \times 0.$$

$$150 = -7^5 + 6^4 + 5^6 + 4^1 + 3^3 + 2^2 + 1^0 + 0^7$$
$$= (76 + 5 - 4^3 - 2) \times 10.$$

$$151 = -7^5 + 6^4 + 5^6 + 4^1 + 3^3 + 2^2 + 1^7 + 0^0$$
$$= -7 + 6 + 5 + (4 + 3) \times 21 \times 0!.$$

$$152 = -7^0 + 6^2 - 5^4 + 4^1 + 3^6 + 2^3 + 1^7 + 0^5$$
$$= 76 + 54 + 32 - 10.$$

$$153 = -7^2 + 6^0 - 5^4 + 4^3 + 3^6 + 2^5 + 1^7 + 0^1$$
$$= 76 + 5 - 4 \times (3 - 21) \times 0!.$$

$$154 = 7^0 + 6^2 - 5^4 + 4^1 + 3^6 + 2^3 + 1^7 + 0^5$$
$$= 76 + (5! + 4 + 32)/(1 + 0!).$$

$$155 = 7^1 - 6^2 - 5^3 + 4^0 + 3^5 + 2^6 + 1^7 + 0^4$$
$$= (7 \times 6 + 5) \times 4 - 32 - 1 \times 0!.$$

$$156 = -7^3 - 6^1 + 5^0 + 4^4 + 3^5 + 2^2 + 1^7 + 0^6$$
$$= 76 + 54 + 3! + 2 \times 10.$$

$$157 = 7^4 + 6^1 - 5^5 + 4^2 + 3^6 + 2^7 + 1^3 + 0^0$$
$$= (7 \times 6 + 5) \times 4 - 32 + 1 \times 0!.$$

$$158 = 7^2 - 6^3 + 5^0 + 4^4 + 3^1 + 2^6 + 1^7 + 0^5$$
$$= -7 - 6 + 5! + 43 - 2 + 10.$$

$$159 = -7^5 + 6^4 + 5^6 + 4^2 + 3^3 + 2^0 + 1^7 + 0^1$$
$$= 7 - 65 + 4 + 3 + 210.$$

$$160 = -7^5 + 6^4 + 5^6 + 4^2 + 3^3 + 2^1 + 1^0 + 0^7$$
$$= (76 - 5! + 4^3) \times (-2 + 10).$$

$$161 = -7^5 + 6^4 + 5^6 + 4^2 + 3^3 + 2^1 + 1^7 + 0^0$$
$$= (76 + 5!/4) \times 3/2 + 1 + 0!.$$

$$162 = 7^3 - 6^4 + 5^2 + 4^5 + 3^0 + 2^6 + 1^7 + 0^1$$
$$= (76 + 5) \times 4/3! \times (2 + 1) \times 0!.$$

$$163 = 7^4 - 6^2 - 5^5 + 4^3 + 3^6 + 2^7 + 1^1 + 0^0$$
$$= 7 - 6 + 54 \times 3 - 2 + 1 + 0!.$$

$$164 = 7^3 - 6^4 + 5^2 + 4^5 + 3^1 + 2^6 + 1^0 + 0^7$$
$$= 76 + 54 + 32 + 1 + 0!.$$

$$165 = 7^3 - 6^4 + 5^2 + 4^5 + 3^1 + 2^6 + 1^7 + 0^0$$
$$= 76 - 5! - 4 + 3 + 210.$$

$$166 = -7^1 - 6^3 + 5^0 + 4^2 + 3^5 + 2^7 + 1^6 + 0^4$$
$$= (-7 + 65) \times \sqrt{4} + (3 + 2) \times 10.$$

$$167 = -7^3 + 6^0 + 5^1 + 4^4 + 3^5 + 2^2 + 1^7 + 0^6$$
$$= -7^{-6+5+4} + 3!! - 210.$$

$$168 = -7^3 + 6^1 + 5^0 + 4^4 + 3^5 + 2^2 + 1^7 + 0^6$$
$$= 7 \times (6 + 5) \times (4)!/(3! \times 2 \times 1 - 0!).$$

$$169 = 7^2 + 6^1 - 5^4 + 4^0 + 3^6 + 2^3 + 1^7 + 0^5$$
$$= 76 \times 5 - 4 + 3 - 210.$$

$$170 = -7^5 - 6^2 + 5^4 + 4^7 + 3^0 + 2^1 + 1^6 + 0^3$$
$$= 76 + 54 + (3! - 2) \times 10.$$

$$171 = -7^5 - 6^2 + 5^4 + 4^7 + 3^1 + 2^0 + 1^6 + 0^3$$
$$= 7 + (-6 + 54) \times 3 + 2 \times 10.$$

$$172 = -7^1 - 6^3 + 5^0 + 4^4 + 3^2 + 2^7 + 1^6 + 0^5$$
$$= 76 + 54 + 32 + 10.$$

$$173 = 7^1 - 6^2 - 5^4 + 4^3 + 3^6 + 2^5 + 1^7 + 0^0$$
$$= (7 - 6) \times (5 + 4 \times (32 + 10)).$$

$$174 = 7^4 + 6^2 - 5^5 + 4^1 + 3^6 + 2^7 + 1^0 + 0^3$$
$$= 7 - 6 + 5 + 4 \times (32 + 10).$$

$$175 = -7^1 - 6^3 + 5^2 + 4^0 + 3^5 + 2^7 + 1^6 + 0^4$$
$$= 7 + 6 - 5 - 43 + 210.$$

$$176 = -7^5 - 6^2 + 5^4 + 4^7 + 3^0 + 2^3 + 1^6 + 0^1$$
$$= 7 - 6 + 54 + (3 + 2)! + 1 \times 0!.$$

$$177 = -7^3 - 6^1 + 5^2 + 4^4 + 3^5 + 2^0 + 1^7 + 0^6$$
$$= (7 + 6) \times (5 + 4 + 3) + 21 \times 0!.$$

$$178 = 7^0 - 6^3 + 5^1 + 4^2 + 3^5 + 2^7 + 1^6 + 0^4$$
$$= 76 \times 5 + \sqrt{4^3} - 210.$$

$$179 = -7^5 - 6^2 + 5^4 + 4^7 + 3^1 + 2^3 + 1^6 + 0^0$$
$$= -7 - 6 + 5! \times 4/3 + \sqrt{2^{10}}.$$

$$180 = 7^1 - 6^3 + 5^0 + 4^2 + 3^5 + 2^7 + 1^6 + 0^4$$
$$= -7 - 6 - 5 \times 4 + 3 + 210.$$

$$181 = 7^1 + 6^2 - 5^4 + 4^0 + 3^6 + 2^5 + 1^7 + 0^3$$
$$= -7 - 65 + 43 + 210.$$

$$182 = -7^5 + 6^4 + 5^6 + 4^3 + 3^0 + 2^1 + 1^7 + 0^2$$
$$= 76 \times 5 + 4 \times 3 - 210.$$

$$183 = -7^5 + 6^4 + 5^6 + 4^3 + 3^1 + 2^0 + 1^7 + 0^2$$
$$= 76 + 5! - 4 \times 3 - 2 + 1 \times 0!.$$

$$184 = -7^5 + 6^4 + 5^6 + 4^3 + 3^0 + 2^2 + 1^7 + 0^1$$
$$= (7 \times 6 + 5 \times (4 + 3!)) \times 2 \times 1 \times 0!.$$

$$185 = -7^3 + 6^0 + 5^2 + 4^4 + 3^5 + 2^1 + 1^7 + 0^6$$
$$= -76 + 54 - 3 + 210.$$

$$186 = -7^5 + 6^4 + 5^6 + 4^3 + 3^1 + 2^2 + 1^0 + 0^7$$
$$= (-7 - 6 + (5 + 4) \times 3)^2 - 10.$$

$$187 = -7^5 + 6^4 + 5^6 + 4^3 + 3^1 + 2^2 + 1^7 + 0^0$$
$$= 7 + (6 + 54) \times 3 + 21 \times 0.$$

$$188 = -7^1 - 6^3 + 5^2 + 4^4 + 3^0 + 2^7 + 1^6 + 0^5$$
$$= 7 \times 6 \times 5 - 4 + 3 - 21 \times 0!.$$

$$189 = -7^5 + 6^4 + 5^6 + 4^3 + 3^2 + 2^0 + 1^7 + 0^1$$
$$= 76 - 5 + 4^3 \times 2 - 10.$$

$$190 = -7^5 + 6^4 + 5^6 + 4^3 + 3^2 + 2^1 + 1^0 + 0^7$$
$$= 7 + 6 + 5 + 43 \times (2 + 1 + 0!).$$

$$191 = -7^5 + 6^4 + 5^6 + 4^3 + 3^2 + 2^1 + 1^7 + 0^0$$
$$= -76 - 54 + 321 \times 0!.$$

$$192 = 7^0 + 6^1 - 5^2 + 4^3 + 3^4 + 2^6 + 1^7 + 0^5$$
$$= (-7 + 6 \times 5 - 4 - 3) \times (2 + 10).$$

$$193 = -7^2 - 6^0 + 5^3 + 4^1 + 3^4 + 2^5 + 1^7 + 0^6$$
$$= -7 - 6 - 5 + 4 - 3 + 210.$$

$$194 = -7^3 + 6^2 - 5^0 + 4^4 + 3^5 + 2^1 + 1^7 + 0^6$$
$$= 7 - 6 - 5 \times 4 + 3 + 210.$$

$$195 = -7^2 + 6^0 + 5^3 + 4^1 + 3^4 + 2^5 + 1^7 + 0^6$$
$$= -765 - 4^3 + 2^{10}.$$

$$196 = -7^3 + 6^2 + 5^0 + 4^4 + 3^5 + 2^1 + 1^7 + 0^6$$
$$= 76 + 5! + (4 - 3 + 21) \times 0.$$

$$197 = -7^2 + 6^1 + 5^3 + 4^0 + 3^4 + 2^5 + 1^7 + 0^6$$
$$= -7 + 6 + (5 + 4) \times (32 - 10).$$

$$198 = 7^0 - 6^3 + 5^2 + 4^4 + 3^1 + 2^7 + 1^6 + 0^5$$
$$= (7 - 6) \times (5 + 4) \times (32 - 10).$$

$$199 = -7^3 + 6^2 + 5^1 + 4^4 + 3^5 + 2^0 + 1^7 + 0^6$$
$$= 7 - 6 + (5 + 4) \times (32 - 10).$$

$200 = -7^3 + 6^1 - 5^4 + 4^5 + 3^2 + 2^7 + 1^0 + 0^6$
$\quad = 7 \times 6 \times 5 - 4 - 3 - 2 - 1 \times 0!.$

$201 = -7^3 + 6^1 - 5^4 + 4^5 + 3^2 + 2^7 + 1^6 + 0^0$
$\quad = 7 \times 6 \times 5 - \sqrt{4} - 3^2 + 1 + 0!.$

$202 = 7^1 - 6^3 + 5^2 + 4^4 + 3^0 + 2^7 + 1^6 + 0^5$
$\quad = -(7-6)^5 - 4 - 3 + 210.$

$203 = -7^3 + 6^1 - 5^2 + 4^4 + 3^5 + 2^6 + 1^7 + 0^0$
$\quad = 7 \times 6 \times 5 + \sqrt{4} \times 3/2 - 10.$

$204 = 7^3 - 6^4 + 5^0 + 4^5 + 3^1 + 2^7 + 1^6 + 0^2$
$\quad = 7 - 6 + 5 \times 43 - 2 - 10.$

$205 = 7^4 + 6^1 - 5^5 + 4^3 + 3^6 + 2^7 + 1^2 + 0^0$
$\quad = 7 + 6 + 5! - 4! + 3 \times \sqrt{2^{10}}.$

$206 = 7^3 - 6^4 + 5^1 + 4^5 + 3^0 + 2^7 + 1^6 + 0^2$
$\quad = (-7 - 6 + (5+4) \times 3)^2 + 10.$

$207 = -7^5 - 6^1 + 5^4 + 4^7 + 3^2 + 2^0 + 1^6 + 0^3$
$\quad = (-7 + 6 \times 5) \times (4 + 3 + 2) \times 1 \times 0!.$

$208 = -7^1 + 6^2 + 5^0 + 4^3 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = 76 + (5! + 4 \times 3) \times (2 - 1) \times 0!.$

$209 = 7^1 - 6^0 + 5^2 + 4^3 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = 76 - 5 + 4^3 \times 2 + 10.$

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

$211 = 7^1 + 6^0 + 5^2 + 4^3 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = -7 + 65 \times 4 - 32 - 10.$

$212 = 7^0 + 6^1 - 5^3 + 4^4 + 3^2 + 2^6 + 1^7 + 0^5$
$\quad = (7-6)^5 + 4 - 3 + 210.$

$213 = -7^5 - 6^0 + 5^4 + 4^7 + 3^2 + 2^1 + 1^6 + 0^3$
$\quad = 7 \times 6 \times 5 - 4 - 3!/2 + 10.$

$214 = -7^5 + 6^1 + 5^4 + 4^7 + 3^0 + 2^2 + 1^6 + 0^3$
$\quad = 7 \times (65 - 4) - 3 - 210.$

$215 = -7^5 + 6^0 + 5^4 + 4^7 + 3^2 + 2^1 + 1^6 + 0^3$
$\quad = 7 - 6 + 5 - 4 + 3 + 210.$

$216 = -7^3 - 6^1 + 5^0 + 4^4 + 3^5 + 2^6 + 1^7 + 0^2$
$\quad = (-7 + 6 + 5) \times (4 + (3 + 2) \times 10).$

$217 = -7^2 - 6^1 + 5^3 + 4^0 + 3^4 + 2^6 + 1^7 + 0^5$
$\quad = 76 - 5 - 4^3 + 210.$

$218 = -7^5 + 6^1 + 5^4 + 4^7 + 3^0 + 2^3 + 1^6 + 0^2$
$\quad = 7 \times 65 - 4! - 3 - 210.$

$219 = -7^5 + 6^1 + 5^4 + 4^7 + 3^2 + 2^0 + 1^6 + 0^3$
$\quad = (7-6) \times 5 - \sqrt{4} + 3!^{2+1} \times 0!.$

$220 = 7^0 + 6^2 + 5^1 + 4^3 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = 7 \times (65 - 4) + 3 - 210.$

$221 = -7^5 + 6^0 + 5^4 + 4^7 + 3^2 + 2^3 + 1^6 + 0^1$
$\quad = 7 \times 6 + 5 \times (4 + 32) - 1 \times 0!.$

$222 = 7^1 + 6^2 + 5^0 + 4^3 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = 7 \times 6 + 5 \times (4 + 32) \times 1 \times 0!.$

$223 = 7^2 + 6^0 - 5^1 + 4^3 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = 7 + 654/3 - 2 \times 1 \times 0!.$

$224 = 7^2 - 6^3 + 5^1 + 4^4 + 3^0 + 2^7 + 1^6 + 0^5$
$\quad = -76 - 5 \times 4 + 32 \times 10.$

$225 = -7^5 - 6^1 + 5^4 + 4^7 + 3^3 + 2^0 + 1^6 + 0^2$
$\quad = 7 \times 6 \times 5 + \sqrt{4} \times (3^2 - 1) - 0!.$

$226 = -7^5 + 6^1 + 5^4 + 4^7 + 3^2 + 2^3 + 1^0 + 0^6$
$\quad = 7 \times 6 \times 5 + 4 \times (3! - 2 \times 1) \times 0!.$

$227 = -7^5 + 6^1 + 5^4 + 4^7 + 3^2 + 2^3 + 1^6 + 0^0$
$\quad = (765 - 4!)/3 - 2 \times 10.$

$228 = -7^3 + 6^1 + 5^0 + 4^4 + 3^5 + 2^6 + 1^7 + 0^2$
$\quad = 7 + 6 + 5 \times (43 + 2) - 10.$

$229 = -7^2 + 6^1 + 5^3 + 4^0 + 3^4 + 2^6 + 1^7 + 0^5$
$\quad = 76 - 54 - 3 + 210.$

$230 = 7^0 - 6^1 + 5^2 + 4^3 + 3^4 + 2^6 + 1^7 + 0^5$
$\quad = (7 - 6) \times 5 \times (4 + 32 + 10).$

$231 = -7^2 + 6^0 + 5^1 + 4^3 + 3^4 + 2^7 + 1^6 + 0^5$
$\quad = -7 + 65 \times 4 - 32 + 10.$

$232 = -7^2 + 6^1 + 5^0 + 4^3 + 3^4 + 2^7 + 1^6 + 0^5$
$\quad = -7 + 6 \times 5 - 4 + 3 + 210.$

$233 = 7^2 + 6^0 + 5^1 + 4^3 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = -7 + 6 \times 5 \times (4 - 3) + 210.$

$234 = 7^2 + 6^1 + 5^0 + 4^3 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = -76 + 5 \times \sqrt{4} \times 32 - 10.$

$235 = -7^5 + 6^0 + 5^4 + 4^7 + 3^3 + 2^2 + 1^6 + 0^1$
$\quad = (7 \times 6 + 5) \times (4 + 3 - 2 \times 1) \times 0!.$

$236 = 7^0 + 6^2 - 5^3 + 4^4 + 3^1 + 2^6 + 1^7 + 0^5$
$\quad = 7 - 6 - 5 + 4 \times 3 \times 2 \times 10.$

$237 = -7^5 + 6^1 + 5^4 + 4^7 + 3^3 + 2^0 + 1^6 + 0^2$
$\quad = 76 + 5! + 43 - 2 + 1 - 0!.$

$238 = -7^2 - 6^3 + 5^0 + 4^4 + 3^5 + 2^1 + 1^7 + 0^6$
$\quad = 76 - 5 - 43 + 210.$

$239 = 7^4 + 6^3 - 5^5 + 4^2 + 3^6 + 2^0 + 1^7 + 0^1$
$\quad = 76 - 5 + 4 \times (32 + 10).$

$240 = -7^5 + 6^1 + 5^4 + 4^7 + 3^3 + 2^2 + 1^0 + 0^6$
$\quad = -7 + 6 \times 5 + 4 + 3 + 210.$

$241 = -7^5 + 6^1 + 5^4 + 4^7 + 3^3 + 2^2 + 1^6 + 0^0$
$\quad = 7 + 6 + 54/3 + 210.$

$242 = 7^0 + 6^1 + 5^2 + 4^3 + 3^4 + 2^6 + 1^7 + 0^5$
$\quad = (76 - 54) \times (3 - 2 + 10).$

$243 = 7^1 + 6^0 + 5^2 + 4^3 + 3^4 + 2^6 + 1^7 + 0^5$
$\quad = 7 \times 6 - 5 \times 4! + 321 \times 0!.$

$244 = 7^0 - 6^2 + 5^1 + 4^3 + 3^4 + 2^7 + 1^6 + 0^5$
$\quad = -7 - 65 - 4 + 32 \times 10.$

$245 = -7^3 - 6^0 + 5^2 + 4^4 + 3^5 + 2^6 + 1^7 + 0^1$
$\quad = 7 \times 6 + 5 \times 43 - 2 - 10.$

$246 = 7^1 - 6^2 + 5^0 + 4^3 + 3^4 + 2^7 + 1^6 + 0^5$
$\quad = 76 \times \sqrt{5+4} + 3! + 2 + 10.$

$247 = -7^5 + 6^4 + 5^6 + 4^0 + 3^1 + 2^7 + 1^3 + 0^2$
$\quad = (7 \times 6 - 5) \times (4 + 3) - 2 - 10.$

$248 = -7^5 + 6^4 + 5^6 + 4^1 + 3^0 + 2^7 + 1^3 + 0^2$
$\quad = 76 + 5 - 43 + 210.$

$249 = -7^1 + 6^0 + 5^3 + 4^2 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = 7 - 6 - 5 + 4 \times 3 \times 21 + 0!.$

$250 = -7^5 + 6^2 + 5^4 + 4^7 + 3^1 + 2^3 + 1^0 + 0^6$
$\quad = 7 \times 6 + 5 - 4 - 3 + 210.$

$251 = -7^5 + 6^2 + 5^4 + 4^7 + 3^1 + 2^3 + 1^6 + 0^0$
$\quad = -7 - 65 + \sqrt{4} + 321 \times 0!.$

$252 = 7^0 + 6^2 + 5^1 + 4^3 + 3^4 + 2^6 + 1^7 + 0^5$
$\quad = 76 \times 5 - 4 \times 32 \times 1 \times 0!.$

$253 = -7^5 + 6^4 + 5^6 + 4^0 + 3^2 + 2^7 + 1^3 + 0^1$
$\quad = 7 + 6 \times (5 + 4 + 32) \times 1 \times 0!.$

$254 = 7^1 + 6^2 + 5^0 + 4^3 + 3^4 + 2^6 + 1^7 + 0^5$
$\quad = -76 + 5 \times \sqrt{4} \times 32 + 10.$

$255 = -7^3 - 6^2 + 5^1 + 4^4 + 3^5 + 2^7 + 1^6 + 0^0$
$\quad = (76 - \sqrt{5^4}) \times (3! - 2 + 1) \times 0!.$

$256 = -7^5 + 6^4 + 5^6 + 4^1 + 3^2 + 2^7 + 1^0 + 0^3$
$\quad = (7 - 6 - 5 - 4 + 3!)^{-2+10}.$

$257 = -7^5 + 6^4 + 5^6 + 4^1 + 3^2 + 2^7 + 1^3 + 0^0$
$\quad = (7 + 6) \times (-5 + 43)/2 + 10.$

$258 = -7^3 + 6^2 + 5^0 + 4^4 + 3^5 + 2^6 + 1^7 + 0^1$
$\quad = (76 + 5 + 43) \times 2 + 10.$

$259 = -7^5 - 6^2 + 5^4 + 4^7 + 3^3 + 2^6 + 1^1 + 0^0$
$\quad = 76 - (5 + 4) \times 3 + 210.$

$260 = -7^5 + 6^4 + 5^6 + 4^2 + 3^0 + 2^7 + 1^3 + 0^1$
$\quad = 76 \times 5 - (4 + 3! + 2) \times 10.$

$261 = 7^1 - 6^0 + 5^3 + 4^2 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = 7 + 6 - 5 + 43 + 210.$

$262 = 7^0 + 6^1 + 5^3 + 4^2 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = 7 - 6 + (5 + 4!) \times 3 \times (2 + 1) \times 0!.$

$263 = 7^1 + 6^0 + 5^3 + 4^2 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = (7 + (6 - 5 + 4)^3) \times 2 - 1 \times 0!.$

$264 = 7^2 + 6^1 - 5^0 + 4^3 + 3^4 + 2^6 + 1^7 + 0^5$
$\quad = (7 + (6 - 5 + 4)^3) \times 2 \times 1 \times 0!.$

$265 = 7^2 + 6^0 + 5^1 + 4^3 + 3^4 + 2^6 + 1^7 + 0^5$
$\quad = 7 + (65 + 4^3) \times 2 \times 1 \times 0!.$

$266 = 7^2 + 6^1 + 5^0 + 4^3 + 3^4 + 2^6 + 1^7 + 0^5$
$\quad = -7 + 6 + 54 + 3 + 210.$

$267 = -7^5 + 6^2 + 5^4 + 4^7 + 3^3 + 2^0 + 1^6 + 0^1$
$\quad = 7 - 6 - 54 + 32 \times 10.$

$268 = -7^5 + 6^2 + 5^4 + 4^7 + 3^3 + 2^1 + 1^0 + 0^6$
$\quad = 76 + 5! - 4! + 3 \times \sqrt{2^{10}}.$

$269 = -7^5 + 6^2 + 5^4 + 4^7 + 3^3 + 2^1 + 1^6 + 0^0$
$\quad = -7 + 65 + 4 - 3 + 210.$

$270 = -7^5 - 6^1 + 5^4 + 4^7 + 3^2 + 2^6 + 1^0 + 0^3$
$\quad = 7 \times 6 \times 5 + \sqrt{4 + 32} \times 10.$

$271 = -7^5 + 6^4 + 5^6 + 4^0 + 3^3 + 2^7 + 1^2 + 0^1$
$\quad = (7 + 65) \times 4 + 3 - 21 + 0!.$

$272 = -7^2 + 6^1 - 5^0 + 4^4 + 3^3 + 2^5 + 1^7 + 0^6$
$\quad = 76 - 5! - 4 + 32 \times 10.$

$273 = -7^2 + 6^0 + 5^1 + 4^4 + 3^3 + 2^5 + 1^7 + 0^6$
$\quad = 7 - 6 \times (5 + 4) + 32 \times 10.$

$274 = -7^5 + 6^4 + 5^6 + 4^1 + 3^3 + 2^7 + 1^0 + 0^2$
$\quad = 7 + 6 + 54 - 3 + 210.$

$275 = -7^5 + 6^4 + 5^6 + 4^1 + 3^3 + 2^7 + 1^2 + 0^0$
$\quad = -7 + 65 \times 4 + 32 - 10.$

$276 = 7^0 + 6^1 - 5^3 + 4^4 + 3^2 + 2^7 + 1^6 + 0^5$
$\quad = (76 - 54) \times 3 + 210.$

$277 = -7^5 + 6^0 + 5^4 + 4^7 + 3^2 + 2^6 + 1^3 + 0^1$
$\quad = 7 - 6 \times 5!/\sqrt{4} + 3 \times 210.$

$278 = -7^0 + 6^2 + 5^3 + 4^1 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = 7 + 65 \times 4 + 3^2 + 1 + 0!.$

$279 = -7^2 - 6^0 + 5^1 + 4^3 + 3^5 + 2^4 + 1^7 + 0^6$
$\quad = 7 + 6 - 54 + 32 \times 10.$

$280 = 7^0 + 6^2 + 5^3 + 4^1 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = 76 - 5 - 4 + 3 + 210.$

$281 = -7^2 + 6^0 + 5^1 + 4^3 + 3^5 + 2^4 + 1^7 + 0^6$
$\quad = 7 + 65 - 4 + 3 + 210.$

$282 = -7^5 + 6^1 + 5^4 + 4^7 + 3^2 + 2^6 + 1^0 + 0^3$
$\quad = 76 - 5 + 4 - 3 + 210.$

$283 = 7^1 + 6^2 + 5^3 + 4^0 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = 76 + 5 \times 43 + 2 - 10.$

$284 = -7^5 - 6^2 + 5^1 + 4^7 + 3^6 + 2^3 + 1^0 + 0^4$
$\quad = 7 + 65 - 4 + 3! + 210.$

$285 = -7^5 - 6^2 + 5^1 + 4^7 + 3^6 + 2^3 + 1^4 + 0^0$
$\quad = 7 - 6 \times (5 + \sqrt{4}) + 32 \times 10.$

$286 = -7^5 + 6^4 + 5^6 + 4^2 + 3^3 + 2^7 + 1^0 + 0^1$
$\quad = 7 - 65 + 4! + 321 - 0!.$

$287 = -7^5 + 6^4 + 5^6 + 4^2 + 3^3 + 2^7 + 1^1 + 0^0$
$\quad = 7 - 65 + 4! + 321 \times 0!.$

$288 = 7^1 - 6^2 + 5^0 + 4^4 + 3^3 + 2^5 + 1^7 + 0^6$
$\quad = 7 - 65 + 4! + 321 + 0!.$

$289 = -7^5 - 6^1 + 5^4 + 4^7 + 3^3 + 2^6 + 1^2 + 0^0$
$\quad = 7 + 65 + 4 + 3 + 210.$

$290 = -7^3 + 6^1 - 5^0 + 4^4 + 3^5 + 2^7 + 1^6 + 0^2$
$\quad = 76 + 5 + \sqrt{4} - 3 + 210.$

$291 = -7^3 + 6^0 + 5^1 + 4^4 + 3^5 + 2^7 + 1^6 + 0^2$
$\quad = 76 - 5 + 4 + 3! + 210.$

$292 = -7^3 + 6^1 + 5^0 + 4^4 + 3^5 + 2^7 + 1^6 + 0^2$
$\quad = 76 + 5 \times 43 + 2 \times 1 - 0!.$

$293 = 7^2 + 6^0 + 5^3 + 4^1 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = 7 \times 6 \times (5 + \sqrt{4}) \times (3 - 2) - 1 \times 0!.$

$294 = 7^0 + 6^1 + 5^3 + 4^2 + 3^4 + 2^6 + 1^7 + 0^5$
$\quad = 7 \times 6 \times 5 + 4^3 + 2 \times 10.$

$295 = 7^2 + 6^1 + 5^3 + 4^0 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = -7 \times 6 + 5! + 4 + 3 + 210.$

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

$297 = -7^5 + 6^1 - 5^2 + 4^7 + 3^6 + 2^3 + 1^4 + 0^0$
$\quad = 7 + 6 \times 5! - 432 + 1 + 0!.$

$298 = 7^0 + 6^1 - 5^2 + 4^4 + 3^3 + 2^5 + 1^7 + 0^6$
$\quad = 76 + 5 + 4 + 3 + 210.$

$299 = 7^1 + 6^0 - 5^2 + 4^4 + 3^3 + 2^5 + 1^7 + 0^6$
$\quad = -76 + 54 + 321 \times 0!.$

$300 = -7^5 + 6^1 + 5^4 + 4^7 + 3^3 + 2^6 + 1^0 + 0^2$
$\quad = -7 + 6 - 5 \times 4 + 321 \times 0!.$

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

$302 = -7^0 - 6^2 + 5^3 + 4^1 + 3^4 + 2^7 + 1^6 + 0^5$
$= 7 + 65 + \sqrt{4} \times (3+2)! - 10.$

$303 = -7^2 - 6^0 + 5^1 + 4^4 + 3^3 + 2^6 + 1^7 + 0^5$
$= 76 + 5 \times 43 + 2 + 10.$

$304 = -7^5 + 6^2 + 5^4 + 4^7 + 3^0 + 2^6 + 1^3 + 0^1$
$= 76 \times 5 - 43 \times 2 + 10.$

$305 = -7^2 + 6^0 + 5^1 + 4^4 + 3^3 + 2^6 + 1^7 + 0^5$
$= (7 + 65) \times 4 - 3 + 21 - 0!.$

$306 = 7^0 + 6^1 + 5^2 + 4^3 + 3^4 + 2^7 + 1^6 + 0^5$
$= (7 + 6 + 5) \times (4 + 3! \times 2 + 1) \times 0!.$

$307 = 7^1 + 6^0 + 5^2 + 4^3 + 3^4 + 2^7 + 1^6 + 0^5$
$= -7 - 6 \times 5 + 43 \times (-2 + 10).$

$308 = -7^5 + 6^4 + 5^6 + 4^3 + 3^0 + 2^7 + 1^2 + 0^1$
$= (76 - 54) \times (3! - 2 + 10).$

$309 = -7^3 - 6^0 + 5^2 + 4^4 + 3^5 + 2^7 + 1^6 + 0^1$
$= 7 + 6 \times 54 - 32 + 10.$

$310 = -7^5 + 6^4 + 5^6 + 4^3 + 3^1 + 2^7 + 1^0 + 0^2$
$= ((-7 + 6) \times 5 + 4 + 32) \times 10.$

$311 = -7^5 + 6^4 + 5^6 + 4^3 + 3^1 + 2^7 + 1^2 + 0^0$
$= 7 - 6 - 5! + 432 - 1 - 0!.$

$312 = 7^0 + 6^2 + 5^3 + 4^1 + 3^4 + 2^6 + 1^7 + 0^5$
$= (7 + 65) \times 4 + 3 + 21 \times 0!.$

$313 = 7^2 + 6^0 - 5^3 + 4^4 + 3^1 + 2^7 + 1^6 + 0^5$
$= 76 + (5 + 4) \times 3 + 210.$

$314 = -7^0 + 6^2 + 5^1 + 4^3 + 3^4 + 2^7 + 1^6 + 0^5$
$= 76 \times 5 - \sqrt{4} - 3 \times 21 - 0!.$

$315 = 7^1 + 6^2 + 5^3 + 4^0 + 3^4 + 2^6 + 1^7 + 0^5$
$= 7 \times (65 - 4 \times 3 + 2 - 10).$

$316 = 7^0 + 6^2 + 5^1 + 4^3 + 3^4 + 2^7 + 1^6 + 0^5$
$= 76 - 5! + (4 + 32) \times 10.$

$317 = -7^5 + 6^4 + 5^6 + 4^3 + 3^2 + 2^7 + 1^1 + 0^0$
$= 76 \times 5 - 43 - 2 \times 10.$

$318 = 7^1 + 6^2 + 5^0 + 4^3 + 3^4 + 2^7 + 1^6 + 0^5$
$= (76 + 5!/4) \times 3 - 2 + 1 + 0!.$

$319 = -7^2 + 6^3 + 5^1 + 4^0 + 3^4 + 2^6 + 1^7 + 0^5$
$= -7 + 6 \times 5 - 4! + 32 \times 10.$

$320 = 7^1 - 6^2 + 5^0 + 4^4 + 3^3 + 2^6 + 1^7 + 0^5$
$= (7 - 6) \times 5 \times (43 + 21) \times 0!.$

$321 = -7^5 + 6^0 + 5^1 + 4^7 + 3^6 + 2^3 + 1^4 + 0^2$
$= 76 \times 5 + 4 - 3 \times 21 \times 0!.$

$322 = -7^5 + 6^1 + 5^0 + 4^7 + 3^6 + 2^3 + 1^4 + 0^2$
$= 7 + 65 + \sqrt{4} \times (3+2)! + 10.$

$323 = 7^2 - 6^0 + 5^3 + 4^1 + 3^4 + 2^6 + 1^7 + 0^5$
$= 765 - 432 - 10.$

$324 = 7^0 - 6^3 - 5^2 + 4^4 + 3^5 + 2^6 + 1^7 + 0^1$
$= 76 - 5 + 43 + 210.$

$325 = 7^2 + 6^0 + 5^3 + 4^1 + 3^4 + 2^6 + 1^7 + 0^5$
$= 7 + 65 + 43 + 210.$

$326 = -7^3 + 6^2 + 5^1 + 4^4 + 3^5 + 2^7 + 1^0 + 0^6$
$= -7 + 6 + 54 \times 3! + 2 + 1 \times 0!.$

$327 = 7^2 + 6^1 + 5^3 + 4^0 + 3^4 + 2^6 + 1^7 + 0^5$
$= 7 \times 65 - 4 \times 32 \times 1 \times 0!.$

$328 = 7^2 + 6^1 - 5^0 + 4^3 + 3^4 + 2^7 + 1^6 + 0^5$
$= 7 \times (-6 + 54) - 3 \times 2 - 1 - 0!.$

$329 = 7^2 + 6^0 + 5^1 + 4^3 + 3^4 + 2^7 + 1^6 + 0^5$
$= 7 \times (65 + 4 - 32 + 10).$

$330 = 7^2 + 6^1 + 5^0 + 4^3 + 3^4 + 2^7 + 1^6 + 0^5$
$= 7 + 65 \times 4 + 3 \times 21 \times 0!.$

$331 = -7^5 + 6^2 + 5^4 + 4^7 + 3^3 + 2^6 + 1^1 + 0^0$
$= 7 + (654 - 3!)/2 + 1 - 0!.$

$332 = -7^0 + 6^2 - 5^4 + 4^3 + 3^6 + 2^7 + 1^5 + 0^1$
$= -7 + 65 + 4^3 + 210.$

$333 = -7^5 - 6^0 + 5^2 + 4^7 + 3^6 + 2^1 + 1^4 + 0^3$
$= (7 - 6) \times 543 - 210.$

$334 = -7^5 - 6^1 + 5^2 + 4^7 + 3^6 + 2^3 + 1^0 + 0^4$
$= 7 - 6 + 543 - 210.$

$335 = -7^5 + 6^0 + 5^2 + 4^7 + 3^6 + 2^1 + 1^4 + 0^3$
$= (7 + 6 + 54) \times (-3 - 2 + 10).$

$336 = 7^2 - 6^3 + 5^0 + 4^4 + 3^5 + 2^1 + 1^7 + 0^6$
$= (76 - 5 \times 4) \times 3 \times 2 \times 1 \times 0!.$

$337 = -7^1 + 6^4 + 5^5 - 4^6 + 3^2 + 2^3 + 1^7 + 0^0$
$= 76 + 54 - 3 + 210.$

$338 = -7^3 + 6^1 + 5^4 + 4^2 + 3^0 + 2^5 + 1^7 + 0^6$
$= 7 \times (-6 + 54) + 3 - 2 + 1 \times 0!.$

$339 = -7^5 + 6^1 + 5^2 + 4^7 + 3^6 + 2^0 + 1^4 + 0^3$
$= (-7 + 6) \times 5 + 4! + 32 \times 10.$

$340 = -7^1 + 6^3 + 5^0 + 4^2 + 3^4 + 2^5 + 1^7 + 0^6$
$= 7 \times (-6 + 54) + 3 \times 2 - 1 - 0!.$

$341 = -7^5 + 6^0 + 5^2 + 4^7 + 3^6 + 2^3 + 1^4 + 0^1$
$= 7 + 654 - 32 \times 10.$

$342 = 7^0 - 6^2 + 5^1 + 4^3 + 3^5 + 2^6 + 1^7 + 0^4$
$= 76 - 54 + 32 \times 10.$

$343 = -7^2 + 6^1 + 5^3 + 4^0 + 3^5 + 2^4 + 1^7 + 0^6$
$= 765 - 432 + 10.$

$344 = 7^1 - 6^2 + 5^0 + 4^3 + 3^5 + 2^6 + 1^7 + 0^4$
$= 76 \times 5 - 4 - 32 \times 1 \times 0!.$

$345 = -7^1 + 6^0 + 5^3 + 4^2 + 3^4 + 2^7 + 1^6 + 0^5$
$= 7 \times (-6 + 54) - 3 + 2 + 10.$

$346 = -7^5 + 6^2 + 5^0 + 4^7 + 3^6 + 2^1 + 1^4 + 0^3$
$= 7 + 6 + 543 - 210.$

$347 = -7^5 + 6^1 + 5^2 + 4^7 + 3^6 + 2^3 + 1^4 + 0^0$
$= 76 \times 5 - 4 \times 3 - 21 \times 0!.$

$348 = 7^0 + 6^1 + 5^2 + 4^4 + 3^3 + 2^5 + 1^7 + 0^6$
$= 7 \times (-6 + 54) + 3 \times 2 \times (1 + 0!).$

$349 = 7^1 + 6^0 + 5^2 + 4^4 + 3^3 + 2^5 + 1^7 + 0^6$
$= 76 \times 5 - 4! - 3 - 2 - 1 - 0!.$

$350 = -7^0 + 6^3 + 5^1 + 4^2 + 3^4 + 2^5 + 1^7 + 0^6$
$= -7 - 65 + 432 - 10.$

$351 = -7^3 - 6^1 + 5^4 + 4^0 + 3^2 + 2^6 + 1^7 + 0^5$
$= (7 + 6 \times 5 + \sqrt{4}) \times 3 \times (2 + 1) \times 0!.$

$352 = 7^0 + 6^3 + 5^1 + 4^2 + 3^4 + 2^5 + 1^7 + 0^6$
$= 76 \times 5 - 4 - 3 - 21 \times 0!.$

$353 = 7^2 + 6^1 - 5^4 + 4^3 + 3^6 + 2^7 + 1^5 + 0^0$
$= -76 - 5 + 432 + 1 + 0!.$

$354 = 7^1 + 6^3 + 5^0 + 4^2 + 3^4 + 2^5 + 1^7 + 0^6$
$= 76 \times 5 - 4 - 32 + 10.$

$355 = -7^5 + 6^1 + 5^2 + 4^7 + 3^6 + 2^4 + 1^3 + 0^0$
$= -7 + (6 + 5) \times \sqrt{4^{3+2}} + 10.$

$356 = 7^0 + 6^1 + 5^2 + 4^3 + 3^5 + 2^4 + 1^7 + 0^6$
$= 76 + 54 \times (3 + 2) + 10.$

$357 = 7^1 + 6^0 + 5^2 + 4^3 + 3^5 + 2^4 + 1^7 + 0^6$
$= 7 \times 6 \times 5 + (4 + 3) \times 21 \times 0!.$

$358 = 7^0 + 6^2 + 5^1 + 4^4 + 3^3 + 2^5 + 1^7 + 0^6$
$= 76 \times 5 - 4 - 3! - 2 + 10.$

$359 = 7^1 + 6^0 + 5^3 + 4^2 + 3^4 + 2^7 + 1^6 + 0^5$
$= 7 \times 65 - 43 \times 2 - 10.$

$360 = 7^1 + 6^2 + 5^0 + 4^4 + 3^3 + 2^5 + 1^7 + 0^6$
$= -7 - 65 + 432 + 1 - 0!.$

$361 = -7^3 + 6^0 + 5^4 + 4^1 + 3^2 + 2^6 + 1^7 + 0^5$
$= -7 - 65 + 432 + 1 \times 0!.$

$362 = -7^1 + 6^3 - 5^4 + 4^2 + 3^6 + 2^5 + 1^0 + 0^7$
$= -7 - 65 + 432 + 1 + 0!.$

$363 = 7^1 + 6^3 + 5^2 + 4^0 + 3^4 + 2^5 + 1^7 + 0^6$
$= 76 \times 5 - 4! + 3 + 2 + 1 + 0!.$

$364 = -7^5 + 6^2 + 5^1 + 4^7 + 3^6 + 2^4 + 1^0 + 0^3$
$= 7 \times (6 - 5 + 43 - 2 + 10).$

$365 = -7^5 + 6^2 + 5^1 + 4^7 + 3^6 + 2^4 + 1^3 + 0^0$
$= 76 \times 5 - 4 - 3 + 2 - 10.$

$366 = 7^0 + 6^2 + 5^1 + 4^3 + 3^5 + 2^4 + 1^7 + 0^6$
$= 7 \times 6 + (5 + 4) \times 3 \times (2 + 10).$

$367 = -7^3 + 6^0 + 5^4 + 4^2 + 3^1 + 2^6 + 1^7 + 0^5$
$= 76 \times 5 - 4 - 3! - 2 \times 1 - 0!.$

$368 = 7^1 + 6^2 + 5^0 + 4^3 + 3^5 + 2^4 + 1^7 + 0^6$
$= 7 \times (65 + 43)/2 - 10.$

$369 = -7^2 + 6^0 + 5^3 + 4^4 + 3^1 + 2^5 + 1^7 + 0^6$
$= 76 \times 5 + 4 - 3 - 2 - 10.$

$370 = -7^3 + 6^1 + 5^4 + 4^2 + 3^0 + 2^6 + 1^7 + 0^5$
$= (7 - 6 - 5 + 43 - 2) \times 10.$

$371 = 7^2 + 6^0 + 5^1 + 4^4 + 3^3 + 2^5 + 1^7 + 0^6$
$= 76 \times 5 - 4 - 3! + 2 \times 1 - 0!.$

$372 = 7^2 + 6^1 + 5^0 + 4^4 + 3^3 + 2^5 + 1^7 + 0^6$
$= -7 \times 6 + 54 + 3!!/(2 + 1 - 0!).$

$373 = -7^3 - 6^2 + 5^1 + 4^0 + 3^6 + 2^4 + 1^7 + 0^5$
$= 7 \times (6 + 5) - 4! + 32 \times 10.$

$374 = -7^0 + 6^2 + 5^3 + 4^1 + 3^4 + 2^7 + 1^6 + 0^5$
$= 76 \times 5 - \sqrt{4} \times 3 + (2 + 1) \times 0.$

$375 = 7^2 + 6^3 - 5^4 + 4^1 + 3^6 + 2^0 + 1^7 + 0^5$
$= 7 \times 6 + 543 - 210.$

$376 = 7^0 + 6^2 + 5^3 + 4^1 + 3^4 + 2^7 + 1^6 + 0^5$
$= 7 - 6 + 54 + 321 \times 0!.$

$377 = 7^2 - 6^0 + 5^1 + 4^3 + 3^5 + 2^4 + 1^7 + 0^6$
$= 7 - 6 + 54 + 321 + 0!.$

$378 = -7^1 + 6^2 + 5^0 + 4^4 + 3^3 + 2^6 + 1^7 + 0^5$
$= 76 \times 5 + 4 - (3 + 2 - 1 - 0!)!.$

$379 = 7^2 + 6^0 + 5^1 + 4^3 + 3^5 + 2^4 + 1^7 + 0^6$
$= 7 - 6 + (5 + 4) \times (32 + 10).$

$380 = 7^2 + 6^1 + 5^0 + 4^3 + 3^5 + 2^4 + 1^7 + 0^6$
$= 76 \times 5 - 4! + 3 + 21 \times 0!.$

$381 = 7^1 + 6^0 + 5^2 + 4^4 + 3^3 + 2^6 + 1^7 + 0^5$
$= 76 \times 5 + 4 - 3 - 2 + 1 + 0!.$

$382 = -7^2 + 6^3 + 5^0 + 4^1 + 3^4 + 2^7 + 1^6 + 0^5$
$= -7 + 65 + (4! - 3 \times 2)^{1+0!}.$

$383 = -7^2 + 6^3 + 5^1 + 4^0 + 3^4 + 2^7 + 1^6 + 0^5$
$= 7 \times 65 - 4! \times 3 \times 2/(1 + 0!).$

$384 = 7^2 + 6^3 + 5^0 + 4^1 + 3^4 + 2^5 + 1^7 + 0^6$
$= 7 - 65 + 432 + 10.$

$385 = 7^2 + 6^3 + 5^1 + 4^0 + 3^4 + 2^5 + 1^7 + 0^6$
$= -7 - 6 \times 5 + 432 - 10.$

$386 = 7^1 + 6^3 + 5^0 + 4^2 + 3^4 + 2^6 + 1^7 + 0^5$
$= 76 \times 5 + \sqrt{4} \times 3 + (2 + 1) \times 0.$

$387 = -7^3 + 6^2 + 5^4 + 4^0 + 3^1 + 2^6 + 1^7 + 0^5$
$= 76 \times 5 + 4 + 3 + 2 - 1 - 0!.$

$388 = -7^3 + 6^2 + 5^4 + 4^1 + 3^0 + 2^6 + 1^7 + 0^5$
$= 7 \times (65 + 43)/2 + 10.$

$389 = 7^2 + 6^0 + 5^3 + 4^1 + 3^4 + 2^7 + 1^6 + 0^5$
$= 7 + 65 - 4 + 321 \times 0!.$

$390 = 7^0 + 6^2 + 5^1 + 4^4 + 3^3 + 2^6 + 1^7 + 0^5$
$= 76 \times 5 + 4 + (3 + 2 - 1 - 0!)!.$

$391 = 7^2 + 6^1 + 5^3 + 4^0 + 3^4 + 2^7 + 1^6 + 0^5$
$= 7 \times 65 - 43 - 21 \times 0!.$

$392 = 7^1 + 6^2 + 5^0 + 4^4 + 3^3 + 2^6 + 1^7 + 0^5$
$= 76 \times 5 - 4 + 3 \times 2 + 10.$

$393 = -7^2 + 6^0 + 5^1 + 4^3 + 3^5 + 2^7 + 1^6 + 0^4$
$= 76 \times 5 + \sqrt{4} + 3 - 2 + 10.$

$394 = -7^2 + 6^1 + 5^0 + 4^3 + 3^5 + 2^7 + 1^6 + 0^4$
$= 76 \times 5 + 4 + 3^2 \times 1 + 0!.$

$395 = 7^1 + 6^3 + 5^2 + 4^0 + 3^4 + 2^6 + 1^7 + 0^5$
$= 7 \times 65 + 4 \times (3! - 21) \times 0!.$

$396 = 7^0 - 6^1 + 5^3 + 4^2 + 3^5 + 2^4 + 1^7 + 0^6$
$= -7 - 6 \times 5 + 432 + 1 \times 0!.$

$397 = -7^5 - 6^2 + 5^3 + 4^7 + 3^6 + 2^0 + 1^4 + 0^1$
$= 76 + 5 - 4 + 32 \times 10.$

$398 = 7^2 - 6^3 + 5^0 + 4^4 + 3^5 + 2^6 + 1^7 + 0^1$
$= 76 \times 5 - 4 + 32 - 10.$

$399 = -7^5 - 6^2 + 5^3 + 4^7 + 3^6 + 2^1 + 1^4 + 0^0$
$= -7 - 6 + 5^4 - 3 - 210.$

$400 = -7^0 - 6^2 + 5^3 + 4^1 + 3^5 + 2^6 + 1^7 + 0^4$
$= 7 \times 65 - 43 - 2 - 10.$

$401 = -7^2 + 6^0 + 5^3 + 4^4 + 3^1 + 2^6 + 1^7 + 0^5$
$= 76 \times 5 + 4! - 3 + 2 - 1 - 0!.$

$402 = -7^1 + 6^2 + 5^0 + 4^3 + 3^5 + 2^6 + 1^7 + 0^4$
$= 76 \times 5 + 4! \times (3 - 2) - 1 - 0!.$

$403 = 7^2 + 6^0 + 5^1 + 4^4 + 3^3 + 2^6 + 1^7 + 0^5$
$= 76 \times 5 + 43 - 2 \times 10.$

$404 = 7^2 + 6^1 + 5^0 + 4^4 + 3^3 + 2^6 + 1^7 + 0^5$
$= (7 \times 6 + 5) \times 4 + 3! + 210.$

$405 = 7^1 + 6^0 + 5^2 + 4^3 + 3^5 + 2^6 + 1^7 + 0^4$
$= -76 - 543 + 2^{10}.$

$406 = -7^0 + 6^1 + 5^3 + 4^2 + 3^5 + 2^4 + 1^7 + 0^6$
$= 76 \times 5 + 4! \times (3 - 2) + 1 + 0!.$

$407 = 7^1 - 6^0 + 5^3 + 4^2 + 3^5 + 2^4 + 1^7 + 0^6$
$= -7 - 6 + 5 \times (4 + 3) \times (2 + 10).$

$408 = 7^0 + 6^1 + 5^3 + 4^2 + 3^5 + 2^4 + 1^7 + 0^6$
$= 76 \times 5 + 4 + 3 + 21 \times 0!.$

$409 = 7^1 + 6^0 + 5^3 + 4^2 + 3^5 + 2^4 + 1^7 + 0^6$
$= 76 + 543 - 210.$

$410 = 7^1 - 6^2 - 5^3 + 4^4 + 3^5 + 2^6 + 1^0 + 0^7$
$= ((7 - 6) \times 5 + 4 + 32) \times 10.$

$411 = 7^2 + 6^4 - 5^5 + 4^0 + 3^7 + 2^1 + 1^6 + 0^3$
$= 76 \times 5 + 43 - 2 - 10.$

$412 = -7^0 + 6^2 + 5^1 + 4^3 + 3^5 + 2^6 + 1^7 + 0^4$
$= 7 \times (65 - 4) + 3! - 21 \times 0!.$

$413 = -7^5 - 6^2 + 5^3 + 4^7 + 3^6 + 2^4 + 1^1 + 0^0$
$= -7 - 6 - 5 + 432 - 1 \times 0!.$

$414 = 7^0 + 6^2 + 5^1 + 4^3 + 3^5 + 2^6 + 1^7 + 0^4$
$= 7 \times (6 + 54) - 3! + 21 \times 0.$

$415 = -7^1 + 6^2 + 5^3 + 4^0 + 3^5 + 2^4 + 1^7 + 0^6$
$= 76 \times 5 + 43 + 2 - 10.$

$416 = 7^2 + 6^3 + 5^0 + 4^1 + 3^4 + 2^6 + 1^7 + 0^5$
$= 76 \times 5 + 4 + 32 \times 1 \times 0!.$

$417 = 7^2 + 6^3 + 5^1 + 4^0 + 3^4 + 2^6 + 1^7 + 0^5$
$= 7 \times (6 + 54) - 3 + 21 \times 0.$

$418 = 7^1 - 6^2 + 5^3 + 4^4 + 3^0 + 2^6 + 1^7 + 0^5$
$= 76 \times 5 - 4 + 32 + 10.$

$419 = 7^1 + 6^2 - 5^3 + 4^4 + 3^5 + 2^0 + 1^7 + 0^6$
$= -7 + 6 \times (54 \times 3/2 - 10).$

$420 = 7^1 - 6^3 + 5^0 + 4^4 + 3^5 + 2^7 + 1^6 + 0^2$
$= (7 - 6 + 5 + 4) \times (32 + 10).$

$421 = 7^2 + 6^4 - 5^5 + 4^1 + 3^7 + 2^3 + 1^6 + 0^0$
$= 7 \times (6 + 5) + 4! + 32 \times 10.$

$422 = -7^5 + 6^3 + 5^4 + 4^7 + 3^0 + 2^1 + 1^6 + 0^2$
$= -7 - 6 + (5 + 4!) \times (3 + 2 + 10).$

$423 = -7^5 + 6^3 + 5^4 + 4^7 + 3^1 + 2^0 + 1^6 + 0^2$
$= 7 \times (6 + 54) + 3 + 21 \times 0.$

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

$425 = -7^3 + 6^0 + 5^4 + 4^1 + 3^2 + 2^7 + 1^6 + 0^5$
$= (76 + 5) \times (\sqrt{4} + 3) + 2 \times 10.$

$426 = 7^0 + 6^2 + 5^3 + 4^1 + 3^5 + 2^4 + 1^7 + 0^6$
$= 7 \times (6 + 54) + 3! + 21 \times 0.$

$427 = 7^2 + 6^0 + 5^1 + 4^3 + 3^5 + 2^6 + 1^7 + 0^4$
$= -7 + 6 - 5 + 432 + 1 \times 0!.$

$428 = 7^2 + 6^1 + 5^0 + 4^3 + 3^5 + 2^6 + 1^7 + 0^4$
$= 7 - 6 + 5 + 432 - 10.$

$429 = 7^1 + 6^2 + 5^3 + 4^0 + 3^5 + 2^4 + 1^7 + 0^6$
$= 7 \times 65 - 4 - 32 + 10.$

$430 = 7^0 + 6^1 + 5^3 + 4^4 + 3^2 + 2^5 + 1^7 + 0^6$
$= 7 + 6 + 5! - 4! + 321 \times 0!.$

$431 = 7^1 + 6^0 + 5^3 + 4^4 + 3^2 + 2^5 + 1^7 + 0^6$
$= 7 \times (6 + 54) + 3! \times 2 - 1 \times 0!.$

$432 = -7^2 + 6^3 + 5^0 + 4^1 + 3^5 + 2^4 + 1^7 + 0^6$
$= 7 + 6! + 5 \times (4 - 3 \times 21) \times 0!.$

$433 = -7^3 + 6^0 + 5^2 + 4^1 + 3^6 + 2^4 + 1^7 + 0^5$
$= 7 \times 65 - 43 + 21 \times 0!.$

$434 = -7^3 + 6^1 + 5^4 + 4^2 + 3^0 + 2^7 + 1^6 + 0^5$
$= -7 + 654 - 3 - 210.$

$435 = -7^5 + 6^0 + 5^3 + 4^7 + 3^6 + 2^1 + 1^4 + 0^2$
$= 7 + 654/3 + 210.$

$436 = -7^1 + 6^3 + 5^0 + 4^2 + 3^4 + 2^7 + 1^6 + 0^5$
$= (7 - 6) \times 5! - 4 + 32 \times 10.$

$437 = -7^5 + 6^0 + 5^3 + 4^7 + 3^6 + 2^2 + 1^4 + 0^1$
$= 7 - 6 + 5 + 432 - 1 \times 0!.$

$438 = 7^0 - 6^3 + 5^2 + 4^4 + 3^5 + 2^7 + 1^6 + 0^1$
$= 7 + 6 - 5 + 432 - 1 - 0!.$

$439 = 7^2 + 6^0 + 5^3 + 4^1 + 3^5 + 2^4 + 1^7 + 0^6$
$= 7 - 6 + 5 + 432 + 1 \times 0!.$

$440 = 7^0 + 6^4 - 5^5 + 4^2 + 3^7 + 2^6 + 1^3 + 0^1$
$= 7 + 6 + 5 + 432 - 10.$

$441 = 7^2 + 6^1 + 5^3 + 4^0 + 3^5 + 2^4 + 1^7 + 0^6$
$= (7 - 6 \times 5 + \sqrt{4})^{3-2+1} \times 0!.$

$442 = -7^5 + 6^1 + 5^3 + 4^7 + 3^6 + 2^2 + 1^0 + 0^4$
$= 7 \times (65 + 4 - 3) - 2 \times 10.$

$443 = -7^5 + 6^1 + 5^3 + 4^7 + 3^6 + 2^2 + 1^4 + 0^0$
$= 76 \times 5 + 43 + 2 \times 10.$

$444 = 7^0 + 6^1 + 5^2 + 4^4 + 3^3 + 2^7 + 1^6 + 0^5$
$= (7 + 6) \times 54/3 + 210.$

$445 = 7^1 + 6^0 + 5^2 + 4^4 + 3^3 + 2^7 + 1^6 + 0^5$
$= 7 \times (65 - \sqrt{4}) + (3 + 2 - 1) \times 0!.$

$446 = -7^0 + 6^3 + 5^1 + 4^2 + 3^4 + 2^7 + 1^6 + 0^5$
$= -7 + 6! - 54 - 3 - 210.$

$447 = -7^5 - 6^0 + 5^3 + 4^7 + 3^6 + 2^4 + 1^2 + 0^1$
$= 7 \times 65 - \sqrt{43 + 21} \times 0!.$

$448 = 7^0 + 6^3 + 5^1 + 4^2 + 3^4 + 2^7 + 1^6 + 0^5$
$= 765 + 4 - 321 \times 0!.$

$449 = -7^5 + 6^0 + 5^3 + 4^7 + 3^6 + 2^4 + 1^2 + 0^1$
$= 765 + 4 - 32 \times 10.$

$450 = 7^1 + 6^3 + 5^0 + 4^2 + 3^4 + 2^7 + 1^6 + 0^5$
$= (7 - 6 + 5 + 4!) \times (3 + 2 + 10).$

$451 = -7^3 + 6^2 + 5^4 + 4^0 + 3^1 + 2^7 + 1^6 + 0^5$
$= 76 + 54 + 321 \times 0!.$

$452 = -7^3 + 6^2 + 5^4 + 4^1 + 3^0 + 2^7 + 1^6 + 0^5$
$= 76 + 54 + 321 + 0!.$

$453 = -7^2 + 6^0 + 5^3 + 4^1 + 3^5 + 2^7 + 1^6 + 0^4$
$= (7 + 6) \times 5!/4 + 3 \times 21 \times 0!.$

$454 = 7^0 + 6^2 + 5^3 + 4^4 + 3^1 + 2^5 + 1^7 + 0^6$
$= 7 \times (65 + 4 - 3) + 2 - 10.$

$455 = -7^5 + 6^1 + 5^3 + 4^7 + 3^6 + 2^4 + 1^2 + 0^0$
$= 7 \times 65 + 4321 \times 0.$

$456 = 7^1 + 6^2 + 5^0 + 4^4 + 3^3 + 2^7 + 1^6 + 0^5$
$\quad = 76 \times 5 + 43 \times 2 - 10.$

$457 = 7^1 + 6^0 + 5^3 + 4^2 + 3^5 + 2^6 + 1^7 + 0^4$
$\quad = 7 + 654 + 3! - 210.$

$458 = 7^1 + 6^2 + 5^3 + 4^4 + 3^0 + 2^5 + 1^7 + 0^6$
$\quad = (7 + 6 + 5 - 4) \times 32 + 10.$

$459 = 7^1 + 6^3 + 5^2 + 4^0 + 3^4 + 2^7 + 1^6 + 0^5$
$\quad = 7 \times (65 + 4) - 3! \times (2 + 1 + 0!).$

$460 = -7^3 + 6^2 + 5^0 + 4^1 + 3^6 + 2^5 + 1^7 + 0^4$
$\quad = -7 + 65 \times (4 + 3) + 2 + 10.$

$461 = -7^3 + 6^2 + 5^1 + 4^0 + 3^6 + 2^5 + 1^7 + 0^4$
$\quad = 7 \times 65 + \sqrt{4} + 3 + 2 - 1 \times 0!.$

$462 = 7^0 + 6^1 + 5^3 + 4^4 + 3^2 + 2^6 + 1^7 + 0^5$
$\quad = 7 \times 65 + \sqrt{4} + 3 + 2 - 1 + 0!.$

$463 = 7^1 + 6^0 + 5^3 + 4^4 + 3^2 + 2^6 + 1^7 + 0^5$
$\quad = 7 \times 65 + \sqrt{43 + 21} \times 0!.$

$464 = -7^0 - 6^2 + 5^3 + 4^1 + 3^5 + 2^7 + 1^6 + 0^4$
$\quad = 76 \times 5 + (4! - 3) \times (2 + 1 + 0!).$

$465 = -7^2 + 6^0 + 5^3 + 4^4 + 3^1 + 2^7 + 1^6 + 0^5$
$\quad = 76 \times 5 + 4 + (3^2)^{1+0!}.$

$466 = -7^2 + 6^1 + 5^0 + 4^4 + 3^5 + 2^3 + 1^7 + 0^6$
$\quad = 7 + 6! - 54 + 3 - 210.$

$467 = 7^2 + 6^0 + 5^3 + 4^4 + 3^1 + 2^5 + 1^7 + 0^6$
$\quad = 7 + 6 \times 5 + 432 - 1 - 0!.$

$468 = 7^2 + 6^1 + 5^0 + 4^4 + 3^3 + 2^7 + 1^6 + 0^5$
$\quad = 7 + 6 \times 5 + 432 - 1 \times 0!.$

$469 = 7^1 + 6^0 + 5^2 + 4^3 + 3^5 + 2^7 + 1^6 + 0^4$
$\quad = 7 + 6 \times 5 + 432 - 1 + 0!.$

$470 = 7^2 + 6^1 + 5^3 + 4^4 + 3^0 + 2^5 + 1^7 + 0^6$
$\quad = 7 \times (65 + 4 - 3) - 2 + 10.$

$471 = -7^5 + 6^2 + 5^3 + 4^7 + 3^6 + 2^1 + 1^4 + 0^0$
$\quad = -7 - 6 + (54 - 32)^{1+0!}.$

$472 = -7^0 + 6^2 + 5^3 + 4^1 + 3^5 + 2^6 + 1^7 + 0^4$
$\quad = 7 \times (65 - \sqrt{4}) + 32 - 1 \times 0!.$

$473 = 7^2 + 6^4 - 5^5 + 4^3 + 3^7 + 2^0 + 1^6 + 0^1$
$\quad = 7 \times (65 - 4 + 3! + 2) - 10.$

$474 = 7^0 + 6^2 + 5^3 + 4^1 + 3^5 + 2^6 + 1^7 + 0^4$
$\quad = (7 + 6 \times (5 + 4 + 3)) \times (2 + 1)! \times 0!.$

$475 = 7^2 + 6^4 - 5^5 + 4^3 + 3^7 + 2^1 + 1^6 + 0^0$
$\quad = -7 \times 6 + 5 + \sqrt{4^{3^2}} \times 1 \times 0!.$

$476 = -7^1 + 6^2 + 5^3 + 4^4 + 3^0 + 2^6 + 1^7 + 0^5$
$\quad = 76 + \sqrt{5^4} \times (3 \times 2 + 10).$

$477 = 7^1 + 6^2 + 5^3 + 4^0 + 3^5 + 2^6 + 1^7 + 0^4$
$\quad = -7 + (65 - 43) \times (21 + 0!).$

$478 = 7^0 + 6^2 + 5^1 + 4^3 + 3^5 + 2^7 + 1^6 + 0^4$
$\quad = 7 + 6! - 5! \times \sqrt{4} - (3! + 2 + 1) \times 0!.$

$479 = 7^3 + 6^0 + 5^1 + 4^2 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = -76 + 543 + 2 + 10.$

$480 = 7^3 + 6^1 + 5^0 + 4^2 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = 7 \times (6 + 54) + 3 \times 2 \times 10.$

$481 = 7^2 + 6^3 + 5^1 + 4^0 + 3^4 + 2^7 + 1^6 + 0^5$
$\quad = 7 \times 65 + 4 + 32 - 10.$

$482 = 7^1 - 6^2 + 5^3 + 4^4 + 3^0 + 2^7 + 1^6 + 0^5$
$\quad = 7 \times (65 + 4 - 3) + 2 \times 10.$

$483 = 7^2 + 6^1 - 5^4 + 4^5 + 3^3 + 2^0 + 1^7 + 0^6$
$\quad = 7 \times 6 + 5 \times 4! + 321 \times 0!.$

$484 = -7^5 + 6^3 + 5^4 + 4^7 + 3^0 + 2^6 + 1^2 + 0^1$
$\quad = (-76 + 5!) \times (4 + 3 \times 2 + 1) \times 0!.$

$485 = -7^5 + 6^2 + 5^3 + 4^7 + 3^6 + 2^4 + 1^1 + 0^0$
$\quad = 765 + (4 - 32) \times 10.$

$486 = 7^0 + 6^2 + 5^3 + 4^4 + 3^1 + 2^6 + 1^7 + 0^5$
$\quad = -76 + 5! + 432 + 10.$

$487 = 7^3 + 6^0 + 5^2 + 4^1 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = -76 + 543 + 2 \times 10.$

$488 = 7^0 - 6^3 + 5^4 + 4^1 + 3^2 + 2^6 + 1^7 + 0^5$
$\quad = 76 + 5^4 - 3 - 210.$

$489 = 7^3 + 6^1 + 5^2 + 4^0 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = -7 + 6 - 5 \times 4 + 3!! - 210.$

$490 = 7^1 + 6^2 + 5^3 + 4^4 + 3^0 + 2^6 + 1^7 + 0^5$
$\quad = 7 \times 65 + 4 + 32 - 1 \times 0!.$

$491 = 7^2 + 6^0 + 5^1 + 4^3 + 3^5 + 2^7 + 1^6 + 0^4$
$\quad = -765 - 4 + 3! \times 210.$

$492 = 7^2 + 6^1 + 5^0 + 4^3 + 3^5 + 2^7 + 1^6 + 0^4$
$\quad = (-7 + 6 + 5 + 4)^3 - 2 \times 10.$

$493 = -7^5 + 6^3 + 5^4 + 4^7 + 3^2 + 2^6 + 1^1 + 0^0$
$\quad = 76 - 5 + 432 - 10.$

$494 = -7^2 + 6^3 + 5^1 + 4^4 + 3^0 + 2^6 + 1^7 + 0^5$
$\quad = 7 + 65 + 432 - 10.$

$495 = -7^1 + 6^3 + 5^2 + 4^0 + 3^5 + 2^4 + 1^7 + 0^6$
$\quad = 7 \times (6 - 5 + 4!) + 32 \times 10.$

$496 = -7^0 + 6^3 + 5^1 + 4^2 + 3^5 + 2^4 + 1^7 + 0^6$
$\quad = -7 - 6 - 5 + 4 + 3!! - 210.$

$497 = 7^2 - 6^0 + 5^3 + 4^4 + 3^1 + 2^6 + 1^7 + 0^5$
$\quad = (76 - 5) \times 4 + 3 + 210.$

$498 = 7^3 + 6^2 + 5^0 + 4^1 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = 7 + 6 + 5 + 4 \times (-3 - 2 + 10)!.$

$499 = 7^3 + 6^2 + 5^1 + 4^0 + 3^4 + 2^5 + 1^7 + 0^6$
$\quad = 7 \times 65 + 4 \times (3^2 + 1 + 0!).$

$500 = 7^1 + 6^3 + 5^0 + 4^2 + 3^5 + 2^4 + 1^7 + 0^6$
$\quad = 76 \times 5 + (4 + 3! + 2) \times 10.$

$501 = 7^3 + 6^0 - 5^1 + 4^2 + 3^4 + 2^6 + 1^7 + 0^5$
$\quad = 76 \times 5 + 4! \times (3 + 2) + 1 \times 0!.$

$502 = 7^2 + 6^1 + 5^3 + 4^4 + 3^0 + 2^6 + 1^7 + 0^5$
$\quad = -7 - 6 + 5! \times 4 + 3 + \sqrt{2^{10}}.$

$503 = -7^2 - 6^3 + 5^1 + 4^0 + 3^6 + 2^5 + 1^7 + 0^4$
$\quad = 7 + 65 + 432 - 1 \times 0!.$

$504 = -7^0 + 6^3 + 5^2 + 4^1 + 3^5 + 2^4 + 1^7 + 0^6$
$\quad = 7 \times (65 - 4 + 3 - 2 + 10).$

$505 = -7^1 - 6^0 + 5^3 + 4^2 + 3^5 + 2^7 + 1^6 + 0^4$
$\quad = 7 \times (-6 + 54 + 3 + 21) + 0!.$

$506 = 7^0 + 6^3 + 5^2 + 4^1 + 3^5 + 2^4 + 1^7 + 0^6$
$\quad = 7 \times 65 + 4! + 3^{2 \times 1 + 0!}.$

$507 = -7^1 + 6^0 + 5^3 + 4^2 + 3^5 + 2^7 + 1^6 + 0^4$
$= 76 \times 5 + 4 \times 32 - 1 \times 0!.$

$508 = -7^1 + 6^3 + 5^0 + 4^4 + 3^2 + 2^5 + 1^7 + 0^6$
$= 76 \times 5 + 4 \times 32 \times 1 \times 0!.$

$509 = 7^1 + 6^3 + 5^2 + 4^0 + 3^5 + 2^4 + 1^7 + 0^6$
$= -7 - 6 + 543 - 21 \times 0!.$

$510 = 7^2 - 6^4 + 5^0 + 4^5 + 3^6 + 2^1 + 1^7 + 0^3$
$= 7 \times 65 + 43 + 2 + 10.$

$511 = 7^3 + 6^0 + 5^1 + 4^2 + 3^4 + 2^6 + 1^7 + 0^5$
$= 7 \times (6 - 5) \times 43 + 210.$

$512 = 7^3 + 6^1 + 5^0 + 4^2 + 3^4 + 2^6 + 1^7 + 0^5$
$= 765 - 43 - 210.$

$513 = -7^1 + 6^0 + 5^3 + 4^4 + 3^2 + 2^7 + 1^6 + 0^5$
$= 76 - 5 + 432 + 10.$

$514 = 7^0 - 6^1 + 5^3 + 4^4 + 3^2 + 2^7 + 1^6 + 0^5$
$= 7 + 65 + 432 + 10.$

$515 = -7^5 + 6^3 - 5^2 + 4^7 + 3^6 + 2^4 + 1^1 + 0^0$
$= 7 \times 65 - 4 \times (3! - 21) \times 0!.$

$516 = 7^2 - 6^4 + 5^0 + 4^5 + 3^6 + 2^3 + 1^7 + 0^1$
$= 7 \times (65 + 4) + 32 + 1 \times 0!.$

$517 = 7^3 - 6^0 + 5^2 + 4^1 + 3^4 + 2^6 + 1^7 + 0^5$
$= 7 \times 6 - 5 + 4 \times 3! \times 2 \times 10.$

$518 = -7^0 + 6^3 + 5^1 + 4^4 + 3^2 + 2^5 + 1^7 + 0^6$
$= 7 \times (65 + 4 - 3 - 2 + 10).$

$519 = 7^3 + 6^0 + 5^2 + 4^1 + 3^4 + 2^6 + 1^7 + 0^5$
$= 7 \times 65 + 43 + 21 \times 0!.$

$520 = 7^0 + 6^3 + 5^1 + 4^4 + 3^2 + 2^5 + 1^7 + 0^6$
$= (7 \times 6 + 5 - 4! + 3) \times 2 \times 10.$

$521 = 7^3 + 6^1 + 5^2 + 4^0 + 3^4 + 2^6 + 1^7 + 0^5$
$= -7 + 6 + 5! \times 4 + 32 + 10.$

$522 = 7^1 + 6^3 + 5^0 + 4^4 + 3^2 + 2^5 + 1^7 + 0^6$
$= (7 - 6) \times (5! \times 4 + 32 + 10).$

$523 = 7^3 - 6^2 + 5^1 + 4^0 + 3^4 + 2^7 + 1^6 + 0^5$
$= 7 - 6 + 543 - 21 \times 0!.$

$524 = -7^1 + 6^3 + 5^2 + 4^4 + 3^0 + 2^5 + 1^7 + 0^6$
$= 7 \times (6 + 5 \times 4) \times 3 - 21 - 0!.$

$525 = 7^1 - 6^0 + 5^3 + 4^4 + 3^2 + 2^7 + 1^6 + 0^5$
$= 7 \times (6 + 5 + 4) \times 3 + 210.$

$526 = 7^0 + 6^1 + 5^3 + 4^4 + 3^2 + 2^7 + 1^6 + 0^5$
$= 76 \times 5 - 4^3 + 210.$

$527 = 7^1 + 6^0 + 5^3 + 4^4 + 3^2 + 2^7 + 1^6 + 0^5$
$= -7 - 6 + 543 - 2 - 1 \times 0!.$

$528 = -7^5 + 6^3 + 5^0 + 4^7 + 3^6 + 2^2 + 1^4 + 0^1$
$= -7 - 6 + 543 - 2 \times 1 \times 0!.$

$529 = -7^5 + 6^3 + 5^1 + 4^7 + 3^6 + 2^0 + 1^4 + 0^2$
$= -7 - 6 + 543 - 2 + 1 \times 0!.$

$530 = 7^3 + 6^2 + 5^0 + 4^1 + 3^4 + 2^6 + 1^7 + 0^5$
$= -7 - 6 + 543 - 2 + 1 + 0!.$

$531 = 7^3 + 6^2 + 5^1 + 4^0 + 3^4 + 2^6 + 1^7 + 0^5$
$= (7 - 6) \times 543 - 2 - 10.$

$532 = -7^5 + 6^3 + 5^1 + 4^7 + 3^6 + 2^2 + 1^0 + 0^4$
$= 7 - 6 + 543 - 2 - 10.$

$533 = -7^5 + 6^3 + 5^1 + 4^7 + 3^6 + 2^2 + 1^4 + 0^0$
$= -7 - 6! + 5 \times 4 \times 3 \times 21 \times 0!.$

$534 = 7^0 + 6^3 + 5^2 + 4^4 + 3^1 + 2^5 + 1^7 + 0^6$
$= -7 + 6 + 543 + 2 - 10.$

$535 = -7^3 + 6^0 + 5^4 + 4^1 + 3^5 + 2^2 + 1^7 + 0^6$
$= 7 + 6 + 543 - 21 \times 0!.$

$536 = -7^0 + 6^2 + 5^3 + 4^1 + 3^5 + 2^7 + 1^6 + 0^4$
$= (7 + 6 + 54) \times (3! + 2) - 1 + 0!.$

$537 = -7^3 + 6^1 + 5^4 + 4^0 + 3^5 + 2^2 + 1^7 + 0^6$
$= (7 + 6 + 54) \times (3! + 2) + 1 \times 0!.$

$538 = 7^1 + 6^3 + 5^2 + 4^4 + 3^0 + 2^5 + 1^7 + 0^6$
$= (7 + 6 + 54) \times (3! + 2) + 1 + 0!.$

$539 = 7^1 - 6^0 + 5^2 + 4^4 + 3^5 + 2^3 + 1^7 + 0^6$
$= 76 + (5^{\sqrt{4}} - 3) \times 21 + 0!.$

$540 = 7^0 + 6^1 + 5^2 + 4^4 + 3^5 + 2^3 + 1^7 + 0^6$
$= (76 - 54 + 32) \times 10.$

$541 = 7^1 + 6^2 + 5^3 + 4^0 + 3^5 + 2^7 + 1^6 + 0^4$
$= (7 - 6) \times 543 - 2 + 1 - 0!.$

$542 = -7^2 - 6^4 + 5^1 + 4^5 + 3^6 + 2^7 + 1^0 + 0^3$
$= (7 + 6 - 5) \times 4 + 3!! - 210.$

$543 = -7^1 + 6^3 + 5^2 + 4^0 + 3^5 + 2^6 + 1^7 + 0^4$
$= 7 + 6 \times 5!/4 \times 3 - 2 - 1 - 0!.$

$544 = -7^5 + 6^3 + 5^1 + 4^7 + 3^6 + 2^4 + 1^0 + 0^2$
$= -7 + 6 + 543 + 2 - 1 + 0!.$

$545 = -7^5 + 6^3 + 5^1 + 4^7 + 3^6 + 2^4 + 1^2 + 0^0$
$= 7 - 6 + 543 + 2 - 1 \times 0!.$

$546 = 7^0 + 6^3 + 5^1 + 4^2 + 3^5 + 2^6 + 1^7 + 0^4$
$= 7 \times (65 - 4!/3 + 21) \times 0!.$

$547 = -7^3 + 6^1 + 5^2 + 4^0 + 3^6 + 2^7 + 1^5 + 0^4$
$= 76 \times 5 - 43 + 210.$

$548 = 7^1 + 6^3 + 5^0 + 4^2 + 3^5 + 2^6 + 1^7 + 0^4$
$= 7 + 6 + 543 + 2 - 10.$

$549 = -7^5 + 6^3 + 5^2 + 4^7 + 3^6 + 2^0 + 1^4 + 0^1$
$= -7 \times (6 + 5) - 4 + 3 \times 210.$

$550 = 7^0 + 6^2 + 5^3 + 4^4 + 3^1 + 2^7 + 1^6 + 0^5$
$= -7 + 6 + 543 - 2 + 10.$

$551 = 7^2 + 6^0 + 5^3 + 4^1 + 3^5 + 2^7 + 1^6 + 0^4$
$= (7 - 6) \times 543 - 2 + 10.$

$552 = 7^1 + 6^2 + 5^0 + 4^4 + 3^5 + 2^3 + 1^7 + 0^6$
$= 7 - 6 + 543 - 2 + 10.$

$553 = 7^2 + 6^1 + 5^3 + 4^0 + 3^5 + 2^7 + 1^6 + 0^4$
$= 765 + 4 - 3! - 210.$

$554 = 7^1 + 6^3 + 5^0 + 4^4 + 3^2 + 2^6 + 1^7 + 0^5$
$= -7 + 6! + 54 - 3 - 210.$

$555 = 7^1 - 6^3 + 5^4 + 4^0 + 3^2 + 2^7 + 1^6 + 0^5$
$= (7 - 6) \times 543 + 2 + 10.$

$556 = -7^3 + 6^2 + 5^0 + 4^1 + 3^6 + 2^7 + 1^5 + 0^4$
$= 765 + 4 - 3 - 210.$

$557 = 7^1 + 6^3 + 5^2 + 4^0 + 3^5 + 2^6 + 1^7 + 0^4$
$= 7 + 6 + 543 + 2 - 1 \times 0!.$

$558 = 7^2 + 6^3 + 5^0 + 4^4 + 3^1 + 2^5 + 1^7 + 0^6$
$= 7 + 6 + 543 + 2 \times 1 \times 0!.$

$559 = -7^3 - 6^4 + 5^1 + 4^0 + 3^7 + 2^2 + 1^6 + 0^5$
$= 7 + 6 + 543 + 2 + 1 \times 0!.$

$560 = 7^2 + 6^3 + 5^1 + 4^4 + 3^0 + 2^5 + 1^7 + 0^6$
$= (76 - 5 - 4 + 3) \times (-2 + 10).$

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

$562 = 7^1 - 6^3 + 5^4 + 4^2 + 3^0 + 2^7 + 1^6 + 0^5$
$= 765 + 4 + 3 - 210.$

$563 = 7^2 + 6^0 + 5^3 + 4^4 + 3^1 + 2^7 + 1^6 + 0^5$
$= (7 - 6) \times 543 + 2 \times 10.$

$564 = 7^2 + 6^1 + 5^0 + 4^4 + 3^5 + 2^3 + 1^7 + 0^6$
$= (7 - 6) \times 543 + 21 \times 0!.$

$565 = -7^5 + 6^3 + 5^2 + 4^7 + 3^6 + 2^4 + 1^1 + 0^0$
$= 765 + 4 + 3! - 210.$

$566 = 7^2 + 6^1 + 5^3 + 4^4 + 3^0 + 2^7 + 1^6 + 0^5$
$= -7 \times 6 + 5^4 + 3 - 2 \times 10.$

$567 = -7^3 + 6^2 + 5^4 + 4^1 + 3^5 + 2^0 + 1^7 + 0^6$
$= (\sqrt{76 + 5} + 4! - 3!) \times 21 \times 0!.$

$568 = 7^0 - 6^3 + 5^1 + 4^2 + 3^6 + 2^5 + 1^7 + 0^4$
$= -7 \times 65 - 4 + 3 + 2^{10}.$

$569 = 7^2 + 6^3 - 5^1 + 4^0 + 3^5 + 2^6 + 1^7 + 0^4$
$= 76 \times 5/4 \times 3 \times 2 \times 1 - 0!.$

$570 = 7^1 + 6^3 + 5^2 + 4^4 + 3^0 + 2^6 + 1^7 + 0^5$
$= 76 \times 5/4 \times 3! \times 2/(1 + 0!).$

$571 = -7^3 - 6^4 + 5^1 + 4^2 + 3^7 + 2^0 + 1^6 + 0^5$
$= 76 \times 5/4 \times 3 \times 2 \times 1 + 0!.$

$572 = 7^3 - 6^2 + 5^0 + 4^1 + 3^5 + 2^4 + 1^7 + 0^6$
$= 7 \times 6 \times (-5 + 43) - 2^{10}.$

$573 = 7^3 - 6^2 + 5^1 + 4^0 + 3^5 + 2^4 + 1^7 + 0^6$
$= -7 + 6! - 5! + 4 - 3 - 21 \times 0!.$

$574 = -7^2 - 6^1 + 5^0 + 4^4 + 3^5 + 2^7 + 1^6 + 0^3$
$= 7 \times (-6 + 5! \times (4 - 3) - \sqrt{2^{10}}).$

$575 = 7^3 + 6^0 + 5^1 + 4^2 + 3^4 + 2^7 + 1^6 + 0^5$
$= (7 - 6) \times (-5! - 4 + 3!!) - 21 \times 0!.$

$576 = 7^3 + 6^1 + 5^0 + 4^2 + 3^4 + 2^7 + 1^6 + 0^5$
$= 7 - 65 + 4 + 3 \times 210.$

$577 = -7^4 - 6^3 + 5^5 + 4^0 + 3^1 + 2^6 + 1^7 + 0^2$
$= 7 + 6 + 543 + 21 \times 0!.$

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

$579 = 7^2 + 6^3 + 5^1 + 4^0 + 3^5 + 2^6 + 1^7 + 0^4$
$= (-7 + 6! - 5! - 4) \times (3 - 2) - 10.$

$580 = -7^1 - 6^4 + 5^3 + 4^5 + 3^6 + 2^2 + 1^0 + 0^7$
$= -7 + 6! - 5 - 4 \times 32 \times 1 \times 0!.$

$581 = 7^3 - 6^0 + 5^2 + 4^1 + 3^4 + 2^7 + 1^6 + 0^5$
$= (76 + 5 \times 43) \times 2 \times 1 - 0!.$

$582 = -7^0 - 6^1 + 5^2 + 4^4 + 3^5 + 2^6 + 1^7 + 0^3$
$= 7 - 65 + \sqrt{4} \times 32 \times 10.$

$583 = 7^3 + 6^0 + 5^2 + 4^1 + 3^4 + 2^7 + 1^6 + 0^5$
$= (7 - 6) \times 5^4 - 32 - 10.$

$584 = 7^2 - 6^3 + 5^0 + 4^1 + 3^6 + 2^4 + 1^7 + 0^5$
$= -7 + 654 - 3 \times 21 \times 0!.$

$585 = 7^3 + 6^1 + 5^2 + 4^0 + 3^4 + 2^7 + 1^6 + 0^5$
$= 76 \times 5 - \sqrt{4} - 3 + 210.$

$586 = -7^2 + 6^1 + 5^0 + 4^4 + 3^5 + 2^7 + 1^6 + 0^3$
$= 7 + (6 \times 5)^{\sqrt{4}} - 321 \times 0!.$

$587 = -7^4 - 6^3 + 5^5 + 4^1 + 3^2 + 2^6 + 1^7 + 0^0$
$= 76 - 5 + 43 \times (2 + 10).$

$588 = 7^0 - 6^4 + 5^3 + 4^5 + 3^6 + 2^2 + 1^7 + 0^1$
$= (7 + 6 + 5 - 4) \times (32 + 10).$

$589 = -7^3 - 6^4 - 5^2 + 4^0 + 3^7 + 2^6 + 1^5 + 0^1$
$= 7 + 6 - 5! + 4! \times (-3 + \sqrt{2^{10}}).$

$590 = 7^2 + 6^3 + 5^0 + 4^4 + 3^1 + 2^6 + 1^7 + 0^5$
$= (7 - 6) \times 5 \times (4 \times 32 - 10).$

$591 = 7^2 - 6^3 + 5^4 + 4^0 + 3^1 + 2^7 + 1^6 + 0^5$
$= 76 \times 5 + 4 - 3 + 210.$

$592 = 7^2 + 6^3 + 5^1 + 4^4 + 3^0 + 2^6 + 1^7 + 0^5$
$= -7 - 6 \times 5 \times 4 + 3!! - (21 \times 0)!.$

$593 = -7^4 - 6^3 + 5^5 + 4^2 + 3^1 + 2^6 + 1^7 + 0^0$
$= 7 + 6! - 5! + 4 + 3 - 21 \times 0!.$

$594 = 7^3 + 6^2 + 5^0 + 4^1 + 3^4 + 2^7 + 1^6 + 0^5$
$= -76 - 5!/4 + 3!! - 21 + 0!.$

$595 = 7^3 + 6^2 + 5^1 + 4^0 + 3^4 + 2^7 + 1^6 + 0^5$
$= 7 + 6! - 5 \times 4! - 3! \times 2 \times 1 \times 0!.$

$596 = 7^0 + 6^1 + 5^2 + 4^4 + 3^5 + 2^6 + 1^7 + 0^3$
$= 7 + 6! - 5! - 4 - 3 \times 2 - 1 \times 0!.$

$597 = 7^1 + 6^0 + 5^2 + 4^4 + 3^5 + 2^6 + 1^7 + 0^3$
$= 7 + 654 - 3 \times 21 - 0!.$

$598 = -7^1 + 6^3 + 5^0 + 4^2 + 3^5 + 2^7 + 1^6 + 0^4$
$= 765 + 43 - 210.$

$599 = -7^2 - 6^3 + 5^1 + 4^0 + 3^6 + 2^7 + 1^5 + 0^4$
$= 7 - 6 + 5^4 - 3! - 21 \times 0!.$

$600 = 7^3 - 6^2 + 5^0 + 4^4 + 3^1 + 2^5 + 1^7 + 0^6$
$= 7 + 6 \times 5! - 4 \times 32 \times 1 + 0!.$

$601 = 7^2 - 6^3 + 5^1 + 4^0 + 3^6 + 2^5 + 1^7 + 0^4$
$= 7 + 6 \times 5! - 4 \times 32 + 1 + 0!.$

$602 = 7^3 - 6^2 + 5^1 + 4^4 + 3^0 + 2^5 + 1^7 + 0^6$
$= 76 \times 5 + 4 \times 3 + 210.$

$603 = -7^3 - 6^4 + 5^1 + 4^2 + 3^7 + 2^5 + 1^6 + 0^0$
$= 7 - 6 \times 5 - 4 + 3 \times 210.$

$604 = -7^1 + 6^3 + 5^0 + 4^4 + 3^2 + 2^7 + 1^6 + 0^5$
$= 7 - 6 - 5! + 4! + 3!! - 21 \times 0!.$

$605 = -7^4 - 6^3 + 5^1 + 4^5 + 3^7 + 2^2 + 1^6 + 0^0$
$= -7 + 654 - 32 - 10.$

$606 = 7^0 + 6^2 + 5^1 + 4^4 + 3^5 + 2^6 + 1^7 + 0^3$
$= -7 \times 6 + 5^4 + 3 + 2 \times 10.$

$607 = -7^3 + 6^0 + 5^4 + 4^2 + 3^5 + 2^6 + 1^7 + 0^1$
$= -7 + 6! - 5! - 4 - 3 + 21 \times 0!.$

$608 = 7^1 + 6^2 + 5^0 + 4^4 + 3^5 + 2^6 + 1^7 + 0^3$
$= 7 - 6 + 5^4 - 3! \times (2 + 1) \times 0!.$

$609 = -7^2 - 6^3 + 5^4 + 4^1 + 3^5 + 2^0 + 1^7 + 0^6$
$= 7 - 6 + 5^4 + 3 - 2 \times 10.$

$$610 = 7^0 + 6^3 + 5^1 + 4^2 + 3^5 + 2^7 + 1^6 + 0^4$$
$$= -7 - 6 + 5^4 - \sqrt{3! - 2} \times 1 \times 0!.$$

$$611 = -7^3 - 6^4 + 5^2 + 4^1 + 3^7 + 2^5 + 1^6 + 0^0$$
$$= 76 + 543 + 2 - 10.$$

$$612 = 7^1 + 6^3 + 5^0 + 4^2 + 3^5 + 2^7 + 1^6 + 0^4$$
$$= (-7 \times 6 + 5! + 4!) \times (-3! + 2 + 10).$$

$$613 = -7^3 + 6^1 + 5^4 + 4^2 + 3^5 + 2^6 + 1^7 + 0^0$$
$$= -7 - 6 + 5^4 + (321 \times 0)!.$$

$$614 = -7^0 + 6^3 + 5^1 + 4^4 + 3^2 + 2^7 + 1^6 + 0^5$$
$$= 7 - (6 - 5^{\sqrt{4}}) \times 32 - 1 \times 0!.$$

$$615 = 7^3 + 6^0 - 5^1 + 4^2 + 3^5 + 2^4 + 1^7 + 0^6$$
$$= (76 - 54 + 3)^2 - 10.$$

$$616 = 7^0 + 6^3 + 5^1 + 4^4 + 3^2 + 2^7 + 1^6 + 0^5$$
$$= 76 + 543 - 2 - 1 \times 0!.$$

$$617 = 7^2 - 6^0 + 5^1 + 4^4 + 3^5 + 2^6 + 1^7 + 0^3$$
$$= 7 - 6 + 5^4 + 3 - 2 - 10.$$

$$618 = 7^1 + 6^3 + 5^0 + 4^4 + 3^2 + 2^7 + 1^6 + 0^5$$
$$= 76 + 543 - 2 + 1 \times 0!.$$

$$619 = 7^2 + 6^0 + 5^1 + 4^4 + 3^5 + 2^6 + 1^7 + 0^3$$
$$= 7 + 654 - 32 - 10.$$

$$620 = 7^2 + 6^1 + 5^0 + 4^4 + 3^5 + 2^6 + 1^7 + 0^3$$
$$= 765 - (4 \times 3)^2 - 1 \times 0!.$$

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

$$622 = -7^4 - 6^3 + 5^2 + 4^5 + 3^7 + 2^1 + 1^0 + 0^6$$
$$= 76 + 543 + 2 + 1 \times 0!.$$

$$623 = -7^1 + 6^0 + 5^3 + 4^4 + 3^5 + 2^2 + 1^7 + 0^6$$
$$= 7 + 6 - 5 \times 4 + 3 \times 210.$$

$$624 = 7^0 - 6^1 + 5^3 + 4^4 + 3^5 + 2^2 + 1^7 + 0^6$$
$$= -7 + 6 + 5^4 + 3 - 2 - 1 \times 0!.$$

$$625 = 7^3 + 6^0 + 5^1 + 4^2 + 3^5 + 2^4 + 1^7 + 0^6$$
$$= -7 + 654 - 32 + 10.$$

$$626 = 7^3 + 6^1 + 5^0 + 4^2 + 3^5 + 2^4 + 1^7 + 0^6$$
$$= -7 + 6 + 5^4 + 3 - 2 + 1 \times 0!.$$

$$627 = -7^3 + 6^2 + 5^4 + 4^0 + 3^5 + 2^6 + 1^7 + 0^1$$
$$= 76 + 543 - 2 + 10.$$

$$628 = -7^0 + 6^3 + 5^2 + 4^4 + 3^1 + 2^7 + 1^6 + 0^5$$
$$= -7 + 654 - 3^2 - 10.$$

$$629 = 7^3 - 6^0 - 5^2 + 4^1 + 3^5 + 2^6 + 1^7 + 0^4$$
$$= 7 \times (65 + 4!) + \sqrt{3 \times (2 + 10)}.$$

$$630 = 7^0 + 6^3 + 5^2 + 4^4 + 3^1 + 2^7 + 1^6 + 0^5$$
$$= (7 - 6) \times 5 \times 4 \times 32 - 10.$$

$$631 = -7^3 + 6^2 + 5^4 + 4^1 + 3^5 + 2^6 + 1^7 + 0^0$$
$$= 76 + 543 + 2 + 10.$$

$$632 = 7^3 - 6^2 + 5^0 + 4^4 + 3^1 + 2^6 + 1^7 + 0^5$$
$$= 76 \times 5 + 4 \times 3 \times 21 \times 0!.$$

$$633 = 7^3 + 6^0 + 5^2 + 4^1 + 3^5 + 2^4 + 1^7 + 0^6$$
$$= 7 \times (6 + 54) + 3 + 210.$$

$$634 = 7^1 + 6^3 + 5^2 + 4^4 + 3^0 + 2^7 + 1^6 + 0^5$$
$$= 7 \times (65 - 4) - 3 + 210.$$

$$635 = 7^3 + 6^1 + 5^2 + 4^0 + 3^5 + 2^4 + 1^7 + 0^6$$
$$= (76 - 54 + 3)^2 + 10.$$

$$636 = 7^0 + 6^1 + 5^3 + 4^4 + 3^5 + 2^2 + 1^7 + 0^6$$
$$= 7 + 6! + 5 - 43 \times 2 - 10.$$

$$637 = 7^1 + 6^0 + 5^3 + 4^4 + 3^5 + 2^2 + 1^7 + 0^6$$
$$= 7 + 654 - 3 - 21 \times 0!.$$

$$638 = -7^3 - 6^2 - 5^0 + 4^4 + 3^6 + 2^5 + 1^7 + 0^1$$
$$= -7 + 6 \times 54 + 321 \times 0!.$$

$$639 = -7^3 - 6^4 + 5^2 + 4^0 + 3^7 + 2^6 + 1^5 + 0^1$$
$$= 7 + 654 - 32 + 10.$$

$$640 = 7^2 - 6^4 + 5^1 + 4^5 + 3^6 + 2^7 + 1^0 + 0^3$$
$$= 7 \times (65 - 4) + 3 + 210.$$

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

$$642 = 7^2 + 6^3 + 5^0 + 4^1 + 3^5 + 2^7 + 1^6 + 0^4$$
$$= 7 + 654 - 3^2 - 10.$$

$$643 = 7^2 + 6^3 + 5^1 + 4^0 + 3^5 + 2^7 + 1^6 + 0^4$$
$$= 76 + (5 + 4) \times 3 \times 21 \times 0!.$$

$$644 = 7^3 + 6^2 + 5^0 + 4^1 + 3^5 + 2^4 + 1^7 + 0^6$$
$$= 7 \times 65 - 4! + 3 + 210.$$

$$645 = 7^3 + 6^2 + 5^1 + 4^0 + 3^5 + 2^4 + 1^7 + 0^6$$
$$= 7 + 6! + 5 - 4! - 3 \times 21 \times 0!.$$

$$646 = -7^2 + 6^1 + 5^3 + 4^4 + 3^5 + 2^6 + 1^0 + 0^7$$
$$= 7 + 654 - 3 - 2 - 10.$$

$$647 = 7^3 + 6^0 + 5^1 + 4^4 + 3^2 + 2^5 + 1^7 + 0^6$$
$$= (7 + 6 + 5) \times (4 + 32) - 1 \times 0!.$$

$$648 = 7^3 + 6^1 + 5^0 + 4^4 + 3^2 + 2^5 + 1^7 + 0^6$$
$$= ((7 - 6) \times 5 - \sqrt{4}) \times 3!^{2+1} \times 0!.$$

$$649 = -7^3 - 6^1 + 5^4 + 4^0 + 3^5 + 2^7 + 1^6 + 0^2$$
$$= 7 - 6 + 5^4 + 3 + 2 \times 10.$$

$$650 = -7^4 - 6^3 + 5^5 + 4^1 + 3^2 + 2^7 + 1^0 + 0^6$$
$$= (7 - 6) \times 5 \times 4 \times 32 + 10.$$

$$651 = -7^4 - 6^3 + 5^5 + 4^1 + 3^2 + 2^7 + 1^6 + 0^0$$
$$= -7 + 6! - 54 - 3! - 2 \times 1 \times 0!.$$

$$652 = 7^3 - 6^1 + 5^2 + 4^4 + 3^0 + 2^5 + 1^7 + 0^6$$
$$= 7 + 6 \times 54 + 321 \times 0!.$$

$$653 = -7^3 + 6^0 + 5^1 + 4^4 + 3^6 + 2^2 + 1^7 + 0^5$$
$$= 76 \times (5 + 4) - 32 + 1 \times 0!.$$

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

$$655 = -7^1 + 6^2 + 5^3 + 4^4 + 3^5 + 2^0 + 1^7 + 0^6$$
$$= -7 + 654 + 3^2 - 1 \times 0!.$$

$$656 = 7^2 + 6^3 + 5^1 + 4^4 + 3^0 + 2^7 + 1^6 + 0^5$$
$$= -7 + 654 + 3^2 \times 1 \times 0!.$$

$$657 = 7^1 - 6^2 + 5^4 + 4^0 + 3^3 + 2^5 + 1^7 + 0^6$$
$$= 7 + 654 + 3 \times 2 - 10.$$

$$658 = -7^1 + 6^2 + 5^0 + 4^4 + 3^5 + 2^7 + 1^6 + 0^3$$
$$= 7 \times (6 + 54 + 32 + 1 + 0!).$$

$$659 = -7^3 + 6^0 + 5^4 + 4^1 + 3^5 + 2^7 + 1^6 + 0^2$$
$$= 76 + 5^4 - 32 - 10.$$

$$660 = 7^0 + 6^1 + 5^2 + 4^4 + 3^5 + 2^7 + 1^6 + 0^3$$
$$= 7 + 654 + 3^2 - 10.$$

$$661 = 7^3 + 6^0 + 5^2 + 4^4 + 3^1 + 2^5 + 1^7 + 0^6$$
$$= 7 \times 65 + \sqrt{4} - 3! + 210.$$

$$662 = -7^0 + 6^2 + 5^3 + 4^4 + 3^5 + 2^1 + 1^7 + 0^6$$
$$= 7 + 6 - 5 + 4! + 3 \times 210.$$

$$663 = -7^3 - 6^1 + 5^2 + 4^4 + 3^6 + 2^0 + 1^7 + 0^5$$
$$= 7 + 6! - 5 + 4 - 3 \times 21 \times 0!.$$

$$664 = 7^3 + 6^1 + 5^2 + 4^4 + 3^0 + 2^5 + 1^7 + 0^6$$
$$= (76 + 5 + \sqrt{4}) \times (3^2 - 1) \times 0!.$$

$$665 = 7^1 - 6^3 + 5^4 + 4^0 + 3^5 + 2^2 + 1^7 + 0^6$$
$$= 7 + 654 - 3 \times 2 + 10.$$

$$666 = 7^1 - 6^3 + 5^0 + 4^2 + 3^6 + 2^7 + 1^5 + 0^4$$
$$= -7 + 6! - 5 - 43 + 2 - 1 \times 0!.$$

$$667 = -7^3 + 6^1 - 5^6 + 4^7 + 3^5 + 2^0 + 1^4 + 0^2$$
$$= (7 - 6) \times 5^4 + 32 + 10.$$

$$668 = -7^0 + 6^2 + 5^1 + 4^4 + 3^5 + 2^7 + 1^6 + 0^3$$
$$= 7 + 6! - 5! - \sqrt{4} + 3 \times 21 \times 0!.$$

$$669 = 7^1 + 6^2 + 5^3 + 4^4 + 3^5 + 2^0 + 1^7 + 0^6$$
$$= 765 - 43 \times 2 - 10.$$

$$670 = 7^0 + 6^2 + 5^1 + 4^4 + 3^5 + 2^7 + 1^6 + 0^3$$
$$= -7 + 654 + 3 + 2 \times 10.$$

$$671 = -7^3 + 6^0 + 5^4 + 4^2 + 3^5 + 2^7 + 1^6 + 0^1$$
$$= 7 + 6! - 54 - 3 + 2 - 1 \times 0!.$$

$$672 = 7^3 + 6^2 + 5^0 + 4^4 + 3^1 + 2^5 + 1^7 + 0^6$$
$$= 7 + 6! - 54 - 3 + 2 \times 1 \times 0!.$$

$$673 = 7^3 + 6^0 + 5^1 + 4^2 + 3^5 + 2^6 + 1^7 + 0^4$$
$$= -7 \times 6 - \sqrt{5^4} + 3!! + 2 \times 10.$$

$$674 = 7^3 + 6^2 + 5^1 + 4^4 + 3^0 + 2^5 + 1^7 + 0^6$$
$$= 7 + 6! - 54 + 3 - 2 \times 1 \times 0!.$$

$$675 = -7^3 + 6^1 + 5^2 + 4^4 + 3^6 + 2^0 + 1^7 + 0^5$$
$$= -76 + (5 + 4)^3 + 21 + 0!.$$

$$676 = -7^3 + 6^1 + 5^4 + 4^2 + 3^5 + 2^7 + 1^0 + 0^6$$
$$= -7 + 6! + 5 - 4! - 3 \times (2 + 1)! \times 0!.$$

$$677 = 7^2 + 6^0 + 5^3 + 4^4 + 3^5 + 2^1 + 1^7 + 0^6$$
$$= -76 + 543 + 210.$$

$$678 = 7^3 + 6^1 - 5^0 + 4^4 + 3^2 + 2^6 + 1^7 + 0^5$$
$$= 7 + 654 - 3 + 2 \times 10.$$

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

$$680 = 7^3 + 6^1 + 5^0 + 4^4 + 3^2 + 2^6 + 1^7 + 0^5$$
$$= 7 + 6! - 54 + 3 \times 2 + 1 \times 0!.$$

$$681 = 7^3 + 6^0 + 5^2 + 4^1 + 3^5 + 2^6 + 1^7 + 0^4$$
$$= (7 - 6 + 5)! - 4! - 3 - 2 - 10.$$

$$682 = -7^3 + 6^2 + 5^0 + 4^4 + 3^6 + 2^1 + 1^7 + 0^5$$
$$= 7 \times 6 + 5^4 + 3 + 2 + 10.$$

$$683 = 7^3 + 6^1 + 5^2 + 4^0 + 3^5 + 2^6 + 1^7 + 0^4$$
$$= 7 + 654 + 32 - 10.$$

$$684 = 7^2 + 6^1 + 5^0 + 4^4 + 3^5 + 2^7 + 1^6 + 0^3$$
$$= 7 + 654 + 3 + 2 \times 10.$$

$$685 = -7^3 + 6^2 + 5^1 + 4^4 + 3^6 + 2^0 + 1^7 + 0^5$$
$$= -7 + 6! - 5 + 4 - 3! - 21 \times 0!.$$

$$686 = 7^0 - 6^2 + 5^4 + 4^1 + 3^3 + 2^6 + 1^7 + 0^5$$
$$= -7 - 6 + 5! \times \sqrt{4} \times 3 - 21 \times 0!.$$

$$687 = 7^2 - 6^3 - 5^1 + 4^0 + 3^6 + 2^7 + 1^5 + 0^4$$
$$= -7 - 6 + 5 \times (4 + 3) \times 2 \times 10.$$

$$688 = -7^0 - 6^2 + 5^4 + 4^3 + 3^1 + 2^5 + 1^7 + 0^6$$
$$= -7 + 6 \times 5! + 4 + 3 - \sqrt{2^{10}}.$$

$$689 = 7^1 - 6^2 + 5^4 + 4^0 + 3^3 + 2^6 + 1^7 + 0^5$$
$$= 765 - 43 \times 2 + 10.$$

$$690 = 7^0 - 6^2 + 5^4 + 4^3 + 3^1 + 2^5 + 1^7 + 0^6$$
$$= 7 \times (65 + 4) - 3 + 210.$$

$$691 = -7^3 + 6^2 + 5^4 + 4^0 + 3^5 + 2^7 + 1^6 + 0^1$$
$$= (7 - 6 + 5)! - 4! + 3 + 2 - 10.$$

$$692 = 7^3 + 6^2 + 5^0 + 4^1 + 3^5 + 2^6 + 1^7 + 0^4$$
$$= 76 + (5^{\sqrt{4}} + 3) \times (21 + 0!).$$

$$693 = 7^3 + 6^2 + 5^1 + 4^0 + 3^5 + 2^6 + 1^7 + 0^4$$
$$= 7 + 6! + 5 + 4! - 3 \times 21 \times 0!.$$

$$694 = -7^3 + 6^2 + 5^4 + 4^1 + 3^5 + 2^7 + 1^0 + 0^6$$
$$= (76 - 54) \times 32 - 10.$$

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

$$696 = 7^3 + 6^1 + 5^2 + 4^4 + 3^0 + 2^6 + 1^7 + 0^5$$
$$= 76 - 5 \times \sqrt{4} + 3 \times 210.$$

$$697 = 7^1 + 6^0 + 5^3 + 4^4 + 3^5 + 2^6 + 1^7 + 0^2$$
$$= 76 + 5^4 - 3 - 2 + 1 \times 0!.$$

$$698 = 7^3 - 6^2 + 5^1 + 4^4 + 3^0 + 2^7 + 1^6 + 0^5$$
$$= -7 + 65 + \sqrt{4} \times 32 \times 10.$$

$$699 = -7^3 - 6^0 + 5^2 + 4^4 + 3^6 + 2^5 + 1^7 + 0^1$$
$$= 76 + 5^4 - 3 + 2 - 1 \times 0!.$$

$$700 = -7^2 - 6^1 + 5^4 + 4^3 + 3^0 + 2^6 + 1^7 + 0^5$$
$$= 7 \times 6 + 5^4 + 32 + 1 \times 0!.$$

$$701 = -7^3 + 6^0 + 5^2 + 4^4 + 3^6 + 2^5 + 1^7 + 0^1$$
$$= 765 - 43 - 21 \times 0!.$$

$$702 = -7^4 - 6^2 + 5^5 + 4^1 + 3^0 + 2^3 + 1^7 + 0^6$$
$$= (7 + 6) \times (5! - 4^3 - 2 \times (1 + 0)).$$

$$703 = -7^2 - 6^0 + 5^3 + 4^4 + 3^5 + 2^7 + 1^6 + 0^1$$
$$= 7 + 654 + 32 + 10.$$

$$704 = 7^3 + 6^2 + 5^0 + 4^4 + 3^1 + 2^6 + 1^7 + 0^5$$
$$= (-76 + 5 \times 4!) \times (3 \times 2 + 10).$$

$$705 = -7^2 + 6^0 + 5^3 + 4^4 + 3^5 + 2^7 + 1^6 + 0^1$$
$$= 7 + 6! - (5 + 4 + 3) \times 2 + 1 + 0!.$$

$$706 = 7^3 + 6^2 + 5^1 + 4^4 + 3^0 + 2^6 + 1^7 + 0^5$$
$$= 76 + (5 + 4)/3 \times 210.$$

$$707 = -7^3 + 6^1 + 5^2 + 4^4 + 3^6 + 2^5 + 1^7 + 0^0$$
$$= 7 \times 65 + 4 \times 3 \times 21 \times 0!.$$

$$708 = 7^0 + 6^1 + 5^4 + 4^2 + 3^3 + 2^5 + 1^7 + 0^6$$
$$= (-7 + (6 - 5 + 4)^3) \times (2 + 1 + 0)!.$$

$$709 = 7^1 + 6^0 + 5^4 + 4^2 + 3^3 + 2^5 + 1^7 + 0^6$$
$$= 76 + \sqrt{5 + 4} + 3 \times 210.$$

$$710 = -7^2 + 6^1 + 5^3 + 4^4 + 3^5 + 2^7 + 1^0 + 0^6$$
$$= -7 + 654 + 3 \times 21 \times 0!.$$

$$711 = -7^2 + 6^1 + 5^3 + 4^4 + 3^5 + 2^7 + 1^6 + 0^0$$
$$= 7 \times (6 + 5) + 4 + 3 \times 210.$$

$712 = -7^3 + 6^2 + 5^0 + 4^4 + 3^6 + 2^5 + 1^7 + 0^1$
$= 7 + 65 \times (\sqrt{4} + 3^2) - 10.$

$713 = -7^3 + 6^0 + 5^1 + 4^5 + 3^2 + 2^4 + 1^7 + 0^6$
$= 7 + 6! - 5 + 4 \times 3 - 21 \times 0!.$

$714 = -7^3 + 6^1 + 5^0 + 4^5 + 3^2 + 2^4 + 1^7 + 0^6$
$= (76 - 54) \times 32 + 10.$

$715 = -7^1 + 6^2 + 5^4 + 4^0 + 3^3 + 2^5 + 1^7 + 0^6$
$= (7 + 6) \times 5 \times (-4 + 3 + 2 + 10).$

$716 = -7^3 + 6^2 + 5^1 + 4^4 + 3^6 + 2^5 + 1^0 + 0^7$
$= 7 + 6 \times (5! + 4) - 3 - \sqrt{2^{10}}.$

$717 = -7^3 + 6^2 + 5^1 + 4^4 + 3^6 + 2^5 + 1^7 + 0^0$
$= 76 \times (5 + 4) + 32 + 1 \times 0!.$

$718 = -7^1 + 6^2 + 5^3 + 4^4 + 3^5 + 2^6 + 1^0 + 0^7$
$= 7 + 6! + 54 - 3 \times 21 \times 0!.$

$719 = -7^1 + 6^2 + 5^3 + 4^4 + 3^5 + 2^6 + 1^7 + 0^0$
$= 7 + 6! - 5 + 4 - 3! - 2 \times 1 + 0!.$

$720 = -7^5 - 6^3 + 5^4 + 4^7 + 3^6 + 2^2 + 1^0 + 0^1$
$= ((7 - 6) \times 5 + (4 - 3)^{210})!.$

$721 = -7^5 - 6^3 + 5^4 + 4^7 + 3^6 + 2^2 + 1^1 + 0^0$
$= 765 - 43 - (21 \times 0)!.$

$722 = 7^0 - 6^3 + 5^4 + 4^1 + 3^5 + 2^6 + 1^7 + 0^2$
$= -7 - 6 + 5 \times (4 + 3) \times 21 \times 0!.$

$723 = -7^1 - 6^0 + 5^4 + 4^3 + 3^2 + 2^5 + 1^7 + 0^6$
$= 7 - 6 + (-5 + 4!) \times (3!^2 + 1 + 0!).$

$724 = -7^0 + 6^3 + 5^1 + 4^4 + 3^5 + 2^2 + 1^7 + 0^6$
$= -7 + 6! + (54 - 32)/(1 + 0!).$

$725 = -7^1 + 6^0 + 5^4 + 4^3 + 3^2 + 2^5 + 1^7 + 0^6$
$= 7 + 654 + 3 \times 21 + 0!.$

$726 = 7^0 + 6^3 + 5^1 + 4^4 + 3^5 + 2^2 + 1^7 + 0^6$
$= 7 + 6! - (5 + 4)/3^2 \times 1 \times 0!.$

$727 = -7^3 + 6^0 + 5^2 + 4^5 + 3^1 + 2^4 + 1^7 + 0^6$
$= 765 + 4 - 32 - 10.$

$728 = 7^1 + 6^3 + 5^0 + 4^4 + 3^5 + 2^2 + 1^7 + 0^6$
$= 765 - 4 - 32 - 1 \times 0!.$

$729 = 7^1 + 6^2 + 5^4 + 4^0 + 3^3 + 2^5 + 1^7 + 0^6$
$= 765 - 4 \times 3! - 2 - 10.$

$730 = -7^3 + 6^1 + 5^2 + 4^5 + 3^0 + 2^4 + 1^7 + 0^6$
$= 765 - 4 - 32 + 1 \times 0!.$

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

$732 = 7^1 + 6^2 + 5^3 + 4^4 + 3^5 + 2^6 + 1^0 + 0^7$
$= 7 + 65 \times (\sqrt{4} + 3^2) + 10.$

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

$734 = 7^0 - 6^3 + 5^4 + 4^2 + 3^5 + 2^6 + 1^7 + 0^1$
$= -7 + 6 + 5 \times (4 + 3) \times 21 \times 0!.$

$735 = -7^1 + 6^3 + 5^2 + 4^4 + 3^5 + 2^0 + 1^7 + 0^6$
$= 7 + 6! + 5 + \sqrt{4} + 3 - 2 \times 1 \times 0!.$

$736 = -7^2 + 6^3 + 5^1 + 4^4 + 3^5 + 2^6 + 1^0 + 0^7$
$= 765 - 4! - \sqrt{3 + 21 + 0!}.$

$737 = 7^3 + 6^0 + 5^1 + 4^2 + 3^5 + 2^7 + 1^6 + 0^4$
$= (76 - 5 - 4) \times (3 - 2 + 10).$

$738 = 7^3 + 6^1 + 5^0 + 4^2 + 3^5 + 2^7 + 1^6 + 0^4$
$= 765 + 4 - 32 + 1 \times 0!.$

$739 = 7^2 + 6^0 + 5^4 + 4^1 + 3^3 + 2^5 + 1^7 + 0^6$
$= (7 - 6 + 5)! + 4! + 3 + 2 - 10.$

$740 = 7^0 + 6^1 + 5^4 + 4^2 + 3^3 + 2^6 + 1^7 + 0^5$
$= 765 + 4 + 3 - \sqrt{2^{10}}.$

$741 = 7^2 + 6^1 + 5^4 + 4^0 + 3^3 + 2^5 + 1^7 + 0^6$
$= 765 - 4! + 321 \times 0.$

$742 = -7^0 + 6^3 + 5^2 + 4^4 + 3^5 + 2^1 + 1^7 + 0^6$
$= 765 - 43 + 21 - 0!.$

$743 = 7^3 + 6^0 + 5^1 + 4^4 + 3^2 + 2^7 + 1^6 + 0^5$
$= 765 - 43 + 21 \times 0!.$

$744 = 7^3 + 6^1 + 5^0 + 4^4 + 3^2 + 2^7 + 1^6 + 0^5$
$= 765 - 43 + 21 + 0!.$

$745 = 7^3 + 6^0 + 5^2 + 4^1 + 3^5 + 2^7 + 1^6 + 0^4$
$= 7 + 6 - 5! + 4 \times (3 + 210).$

$746 = -7^0 - 6^1 + 5^3 + 4^4 + 3^5 + 2^7 + 1^6 + 0^2$
$= 765 - 4! + \sqrt{3 + 21 + 0!}.$

$747 = 7^3 + 6^1 + 5^2 + 4^0 + 3^5 + 2^7 + 1^6 + 0^4$
$= -76 - 5 + 4 \times (-3 + 210).$

$748 = 7^3 - 6^1 + 5^2 + 4^4 + 3^0 + 2^7 + 1^6 + 0^5$
$= 7 \times (65 + 43) + 2 - 10.$

$749 = 7^1 + 6^3 + 5^2 + 4^4 + 3^5 + 2^0 + 1^7 + 0^6$
$= 765 - 4 \times 3! - 2 + 10.$

$750 = 7^0 - 6^2 + 5^4 + 4^1 + 3^3 + 2^7 + 1^6 + 0^5$
$= 7 + 6! + 5 - 4 + 32 - 10.$

$751 = -7^4 - 6^1 + 5^5 + 4^0 + 3^3 + 2^2 + 1^7 + 0^6$
$= 765 + 4 - 3! - 2 - 10.$

$752 = -7^1 + 6^2 + 5^4 + 4^3 + 3^0 + 2^5 + 1^7 + 0^6$
$= 7 + 6 - 5 + 4! \times (32 - 1) \times 0!.$

$753 = -7^4 + 6^0 + 5^5 + 4^2 + 3^1 + 2^3 + 1^7 + 0^6$
$= 7 + 6 - 5! + 43 \times 2 \times 10.$

$754 = -7^2 - 6^3 + 5^0 + 4^4 + 3^6 + 2^5 + 1^7 + 0^1$
$= 7 \times (65 + 43) - 2 \times 1 \times 0!.$

$755 = 7^3 - 6^0 + 5^2 + 4^4 + 3^1 + 2^7 + 1^6 + 0^5$
$= 765 + \sqrt{4} - 3 \times 2 \times (1 + 0!).$

$756 = 7^3 + 6^2 + 5^0 + 4^1 + 3^5 + 2^7 + 1^6 + 0^4$
$= 7 \times 6 \times \sqrt{(5 + 4) \times 3 \times (2 + 10)}.$

$757 = 7^3 + 6^2 + 5^1 + 4^0 + 3^5 + 2^7 + 1^6 + 0^4$
$= 765 - 4 - 3 - 2 + 1 \times 0!.$

$758 = 7^0 + 6^2 + 5^4 + 4^1 + 3^3 + 2^6 + 1^7 + 0^5$
$= 765 + 4 - 3^2 - 1 - 0!.$

$759 = 7^1 - 6^0 + 5^3 + 4^4 + 3^5 + 2^7 + 1^6 + 0^2$
$= (7 - 6 + 5)! + 4! + 3 + 2 + 10.$

$760 = 7^3 + 6^1 + 5^2 + 4^4 + 3^0 + 2^7 + 1^6 + 0^5$
$= 765 - \sqrt{4} - 3 + 21 \times 0.$

$761 = 7^1 + 6^2 + 5^4 + 4^0 + 3^3 + 2^6 + 1^7 + 0^5$
$= 7 \times (-6 + 5) + 4! \times 32 \times 1 \times 0!.$

$762 = 7^0 + 6^2 + 5^4 + 4^3 + 3^1 + 2^5 + 1^7 + 0^6$
$= -7 + 6! + 54 - 3 \times 2 + 1 \times 0!.$

$763 = -7^4 + 6^1 + 5^5 + 4^0 + 3^3 + 2^2 + 1^7 + 0^6$
$\quad = 765 + \sqrt{4} - 3 - 2 + 1 \times 0!.$

$764 = -7^2 - 6^1 + 5^4 + 4^3 + 3^0 + 2^7 + 1^6 + 0^5$
$\quad = 765 + \sqrt{4} - 3 \times (2 - 1) \times 0!.$

$765 = -7^2 - 6^0 + 5^1 + 4^3 + 3^6 + 2^4 + 1^7 + 0^5$
$\quad = 765 + 4321 \times 0.$

$766 = 7^1 + 6^2 + 5^4 + 4^3 + 3^0 + 2^5 + 1^7 + 0^6$
$\quad = 7 + 6 + 543 + 210.$

$767 = -7^2 + 6^0 + 5^1 + 4^3 + 3^6 + 2^4 + 1^7 + 0^5$
$\quad = 765 + 4! - 32 + 10.$

$768 = 7^3 + 6^2 + 5^0 + 4^4 + 3^1 + 2^7 + 1^6 + 0^5$
$\quad = 7 \times (65 + 43) + 2 + 10.$

$769 = 7^2 - 6^0 + 5^4 + 4^1 + 3^3 + 2^6 + 1^7 + 0^5$
$\quad = 765 + 4 + 321 \times 0.$

$770 = 7^3 + 6^2 + 5^1 + 4^4 + 3^0 + 2^7 + 1^6 + 0^5$
$\quad = 765 + \sqrt{4} + 3 + 21 \times 0.$

$771 = 7^2 + 6^3 + 5^1 + 4^4 + 3^5 + 2^0 + 1^7 + 0^6$
$\quad = 765 + 4 - 3! - 2 + 10.$

$772 = -7^2 - 6^1 + 5^0 + 4^3 + 3^6 + 2^5 + 1^7 + 0^4$
$\quad = 765 + 4 + 3 + 21 \times 0.$

$773 = 7^2 + 6^1 + 5^4 + 4^0 + 3^3 + 2^6 + 1^7 + 0^5$
$\quad = 7 + 6 + (-5 + 43) \times 2 \times 10.$

$774 = -7^4 + 6^2 + 5^5 + 4^1 + 3^0 + 2^3 + 1^7 + 0^6$
$\quad = 7 + 6! + 54 - 3 \times 2 - 1 \times 0!.$

$775 = 7^2 + 6^0 + 5^4 + 4^3 + 3^1 + 2^5 + 1^7 + 0^6$
$\quad = 76 - 5 + 4 + 3!! - 21 + 0!.$

$776 = -7^2 + 6^1 + 5^4 + 4^3 + 3^0 + 2^7 + 1^6 + 0^5$
$\quad = 7 \times (65 + 43) + 2 \times 10.$

$777 = -7^3 + 6^0 + 5^1 + 4^4 + 3^6 + 2^7 + 1^5 + 0^2$
$\quad = (-7 + 6 - 5 + 43) \times 21 \times 0!.$

$778 = 7^2 + 6^1 + 5^4 + 4^3 + 3^0 + 2^5 + 1^7 + 0^6$
$\quad = 765 + 4! - 3 + 2 - 10.$

$779 = -7^1 + 6^0 - 5^6 + 4^7 + 3^2 + 2^4 + 1^5 + 0^3$
$\quad = 7 + 6! + 54 - 3 + 2 - 1 \times 0!.$

$780 = 7^0 - 6^3 + 5^1 + 4^4 + 3^6 + 2^2 + 1^7 + 0^5$
$\quad = 7 + 6! + 54 - 3 + 2 \times 1 \times 0!.$

$781 = -7^4 - 6^2 + 5^5 + 4^0 + 3^3 + 2^6 + 1^7 + 0^1$
$\quad = 7 + 6! + 54 + 321 \times 0.$

$782 = -7^1 + 6^2 + 5^3 + 4^4 + 3^5 + 2^7 + 1^0 + 0^6$
$\quad = 765 + \sqrt{4} - 3! + 21 \times 0!.$

$783 = -7^2 + 6^0 + 5^1 + 4^3 + 3^6 + 2^5 + 1^7 + 0^4$
$\quad = 7 + 6! + 54 + 3 - 2 + 1 \times 0!.$

$784 = -7^2 + 6^1 + 5^0 + 4^3 + 3^6 + 2^5 + 1^7 + 0^4$
$\quad = 76 + (5 + 4)^3 - 21 \times 0!.$

$785 = -7^4 - 6^2 + 5^5 + 4^1 + 3^3 + 2^6 + 1^7 + 0^0$
$\quad = 765 - 4 + 3 \times (-2 + 10).$

$786 = 7^0 + 6^3 + 5^1 + 4^4 + 3^5 + 2^6 + 1^7 + 0^2$
$\quad = 765 + 4 - 3 + 21 - 0!.$

$787 = 7^2 + 6^0 - 5^3 + 4^1 + 3^6 + 2^7 + 1^5 + 0^4$
$\quad = 765 + 43 - 21 \times 0!.$

$788 = 7^1 + 6^3 + 5^0 + 4^4 + 3^5 + 2^6 + 1^7 + 0^2$
$\quad = 765 + 4 - 3 + 21 + 0!.$

$789 = 7^1 - 6^3 + 5^4 + 4^0 + 3^5 + 2^7 + 1^6 + 0^2$
$\quad = (76 + 5 - \sqrt{4}) \times (3^2 + 1) - 0!.$

$790 = 7^0 + 6^2 + 5^3 + 4^4 + 3^5 + 2^7 + 1^6 + 0^1$
$\quad = (7 + 6!) \times (5 - 4) + 3 \times 21 \times 0!.$

$791 = -7^4 + 6^2 + 5^5 + 4^0 + 3^3 + 2^1 + 1^7 + 0^6$
$\quad = 765 + 4 + 32 - 10.$

$792 = -7^0 + 6^2 + 5^4 + 4^3 + 3^1 + 2^6 + 1^7 + 0^5$
$\quad = (7 + (6 - 5 + 4)^3) \times (2 + 1)! \times 0!.$

$793 = -7^4 + 6^2 + 5^5 + 4^1 + 3^3 + 2^0 + 1^7 + 0^6$
$\quad = 765 + 4 + 3 + 21 \times 0!.$

$794 = 7^0 + 6^2 + 5^4 + 4^3 + 3^1 + 2^6 + 1^7 + 0^5$
$\quad = 765 - 4 + 32 + 1 \times 0!.$

$795 = -7^3 + 6^1 + 5^2 + 4^5 + 3^4 + 2^0 + 1^7 + 0^6$
$\quad = 7 \times 6 + 543 + 210.$

$796 = 7^1 + 6^2 + 5^3 + 4^4 + 3^5 + 2^7 + 1^0 + 0^6$
$\quad = (76 \times 5 + 4! - 3 \times 2) \times (1 + 0!).$

$797 = 7^1 + 6^2 + 5^3 + 4^4 + 3^5 + 2^7 + 1^6 + 0^0$
$\quad = -7 - 6 + 5! \times (\sqrt{4} + 3) + 210.$

$798 = 7^1 + 6^2 + 5^4 + 4^3 + 3^0 + 2^6 + 1^7 + 0^5$
$\quad = 7 + 6! - 5 + 43 \times 2 - 10.$

$799 = -7^1 + 6^3 + 5^2 + 4^4 + 3^5 + 2^6 + 1^7 + 0^0$
$\quad = 7 \times 65 + 43 \times (-2 + 10).$

$800 = -7^4 + 6^1 + 5^5 + 4^3 + 3^0 + 2^2 + 1^7 + 0^6$
$\quad = 76 \times 5 \times 4 - (3 + 2 - 1 - 0!)!!.$

$801 = -7^4 + 6^0 + 5^5 + 4^3 + 3^2 + 2^1 + 1^7 + 0^6$
$\quad = 765 + 4 \times 3! + 2 + 10.$

$802 = -7^3 + 6^2 + 5^0 + 4^5 + 3^4 + 2^1 + 1^7 + 0^6$
$\quad = 7 \times 6 + 5! + \sqrt{4^{3 \times 2}} \times 10.$

$803 = 7^2 + 6^0 + 5^3 + 4^4 + 3^5 + 2^7 + 1^6 + 0^1$
$\quad = 765 + (-4 + 32 + 10).$

$804 = 7^0 + 6^1 + 5^4 + 4^2 + 3^3 + 2^7 + 1^6 + 0^5$
$\quad = -7 \times 6 \times 5 + 4^{3+2} - 10.$

$805 = 7^1 + 6^0 + 5^4 + 4^2 + 3^3 + 2^7 + 1^6 + 0^5$
$\quad = 76 + (5 + 4)^3 + 21 \times 0.$

$806 = 7^0 + 6^3 + 5^2 + 4^4 + 3^5 + 2^6 + 1^7 + 0^1$
$\quad = 765 + 43 - 2 \times 1 \times 0!.$

$807 = 7^2 + 6^0 + 5^4 + 4^3 + 3^1 + 2^6 + 1^7 + 0^5$
$\quad = 7 + 6! - 5 + 4^3 + 21 \times 0!.$

$808 = 7^2 + 6^1 + 5^3 + 4^4 + 3^5 + 2^7 + 1^0 + 0^6$
$\quad = 7 + 6! + 5! - 4 - 3 - \sqrt{2^{10}}.$

$809 = 7^2 + 6^1 + 5^3 + 4^4 + 3^5 + 2^7 + 1^6 + 0^0$
$\quad = 765 + 43 + (21 \times 0)!.$

$810 = 7^2 + 6^1 + 5^4 + 4^3 + 3^0 + 2^6 + 1^7 + 0^5$
$\quad = 7 + 6! + 5 \times 4 + 3 \times 21 \times 0!.$

$811 = -7^1 + 6^2 + 5^4 + 4^0 + 3^3 + 2^7 + 1^6 + 0^5$
$\quad = 765 + 4 + 32 + 10.$

$812 = 7^1 + 6^3 + 5^2 + 4^4 + 3^5 + 2^6 + 1^0 + 0^7$
$\quad = 7 \times (65 + 43 - 2 + 10).$

$813 = 7^1 + 6^3 + 5^2 + 4^4 + 3^5 + 2^6 + 1^7 + 0^0$
$\quad = 76 \times 5 + 432 + 1 \times 0!.$

$814 = -7^4 - 6^1 + 5^0 + 4^5 + 3^7 + 2^3 + 1^6 + 0^2$
$\quad = 76 \times 5 + 432 + 1 + 0!.$

$815 = -7^4 + 6^0 - 5^1 + 4^5 + 3^7 + 2^3 + 1^6 + 0^2$
$\quad = 7 \times 6 + 54 + 3!! - 2 + 1 \times 0!.$

$816 = 7^0 + 6^2 - 5^6 + 4^7 + 3^1 + 2^4 + 1^5 + 0^3$
$\quad = 7 + 65 + 4 + 3!! + 2 \times 10.$

$817 = -7^2 - 6^1 + 5^3 + 4^0 + 3^6 + 2^4 + 1^7 + 0^5$
$\quad = 7 \times 6 + 54 + 3!! + 2 - 1 \times 0!.$

$818 = -7^4 - 6^2 + 5^5 + 4^3 + 3^0 + 2^6 + 1^7 + 0^1$
$\quad = 7 + 6! - 5 + 43 \times 2 + 10.$

$819 = -7^4 - 6^0 + 5^5 + 4^1 + 3^3 + 2^6 + 1^7 + 0^2$
$\quad = -\sqrt{76 + 5} + 4 \times (-3 + 210).$

$820 = -7^0 + 6^2 + 5^4 + 4^1 + 3^3 + 2^7 + 1^6 + 0^5$
$\quad = (7 - 6 + 54 \times 3/2) \times 10.$

$821 = -7^4 + 6^0 + 5^5 + 4^1 + 3^3 + 2^6 + 1^7 + 0^2$
$\quad = 765 - 4 + 3 \times 2 \times 10.$

$822 = 7^0 + 6^2 + 5^4 + 4^1 + 3^3 + 2^7 + 1^6 + 0^5$
$\quad = -76 - 5 + 43 \times 21 \times 0!.$

$823 = -7^4 + 6^1 + 5^5 + 4^0 + 3^3 + 2^6 + 1^7 + 0^2$
$\quad = -7 - 6 \times 5 + 43 \times 2 \times 10.$

$824 = 7^2 + 6^3 - 5^1 + 4^4 + 3^5 + 2^6 + 1^0 + 0^7$
$\quad = 7 + 65 + 4! + 3!! - 2 + 10.$

$825 = 7^1 + 6^2 + 5^4 + 4^0 + 3^3 + 2^7 + 1^6 + 0^5$
$\quad = (7 - 6 + 54) \times (3 + 2 + 10).$

$826 = -7^4 + 6^1 + 5^0 + 4^5 + 3^7 + 2^3 + 1^6 + 0^2$
$\quad = 7 \times (-6 + (5! + 4) \times (3 - 2)^{10}).$

$827 = -7^2 + 6^0 + 5^3 + 4^1 + 3^6 + 2^4 + 1^7 + 0^5$
$\quad = (7 + 6) \times (5 + 4) + (3 \times 2)! - 10.$

$828 = -7^4 + 6^2 + 5^5 + 4^3 + 3^0 + 2^1 + 1^7 + 0^6$
$\quad = -76 + 5! + (-4 + 32)^{1+0!}.$

$829 = -7^4 + 6^2 + 5^5 + 4^3 + 3^1 + 2^0 + 1^7 + 0^6$
$\quad = 76 + 543 + 210.$

$830 = 7^2 + 6^3 + 5^0 + 4^4 + 3^5 + 2^6 + 1^7 + 0^1$
$\quad = -7 + 6! + 5! + 4! - 3^{2+1} \times 0!.$

$831 = 7^2 - 6^3 + 5^4 + 4^0 + 3^5 + 2^7 + 1^6 + 0^1$
$\quad = (7 - 6 + 5^{\sqrt{4}}) \times 32 - 1 \times 0!.$

$832 = -7^0 + 6^1 + 5^4 + 4^3 + 3^2 + 2^7 + 1^6 + 0^5$
$\quad = 7 + 6! + 5! - 4 \times 3 - 2 - 1 \times 0!.$

$833 = -7^4 + 6^0 + 5^5 + 4^2 + 3^3 + 2^6 + 1^7 + 0^1$
$\quad = -7 + 6! + 5 \times (4 + 3! + 2) \times (1 + 0!).$

$834 = 7^2 + 6^3 + 5^1 + 4^4 + 3^5 + 2^6 + 1^0 + 0^7$
$\quad = 7 \times 6 \times 5 \times 4 - 3 - 2 - 1 \times 0!.$

$835 = 7^2 + 6^3 + 5^1 + 4^4 + 3^5 + 2^6 + 1^7 + 0^0$
$\quad = 7 \times 6 \times 5 \times 4 + 3 + 2 - 10.$

$836 = 7^1 + 6^2 - 5^6 + 4^7 + 3^0 + 2^5 + 1^4 + 0^3$
$\quad = 76 \times (5 \times \sqrt{4} + 3 - 2) \times 1 \times 0!.$

$837 = 7^2 + 6^1 + 5^4 + 4^0 + 3^3 + 2^7 + 1^6 + 0^5$
$\quad = 76 - 5 + 4! \times 32 - 1 - 0!.$

$838 = -7^4 + 6^1 + 5^5 + 4^2 + 3^3 + 2^6 + 1^0 + 0^7$
$\quad = -7 + 6! - 5 + 4 + 3! \times 21 \times 0!.$

$839 = -7^4 + 6^1 + 5^5 + 4^2 + 3^3 + 2^6 + 1^7 + 0^0$
$\quad = (7 - 6) \times 5! \times (4 + 3) - 2 + 1 \times 0!.$

$840 = -7^1 + 6^2 + 5^0 + 4^3 + 3^6 + 2^4 + 1^7 + 0^5$
$\quad = 7 \times (65 + 43 + 2 + 10).$

$841 = 7^1 - 6^0 + 5^2 + 4^3 + 3^6 + 2^4 + 1^7 + 0^5$
$\quad = 765 + 43 \times 2 - 10.$

$842 = 7^0 + 6^1 + 5^2 + 4^3 + 3^6 + 2^4 + 1^7 + 0^5$
$\quad = 7 \times 6 + 5^{\sqrt{4}} \times 32 \times 1 \times 0!.$

$843 = 7^1 + 6^0 + 5^2 + 4^3 + 3^6 + 2^4 + 1^7 + 0^5$
$\quad = 7 + 6! + (-5 + 4!) \times 3! + 2 \times 1 \times 0!.$

$844 = -7^4 - 6^2 + 5^1 + 4^5 + 3^7 + 2^6 + 1^0 + 0^3$
$\quad = ((7 - 6) \times 5! + 4!) \times 3! - 2 \times 10.$

$845 = -7^4 + 6^0 + 5^2 + 4^5 + 3^7 + 2^3 + 1^6 + 0^1$
$\quad = 7 - 65 + 43 \times 21 \times 0!.$

$846 = 7^0 - 6^2 + 5^4 + 4^1 + 3^5 + 2^3 + 1^7 + 0^6$
$\quad = (-7 + 6!/5 + 4) \times 3! + 21 \times 0.$

$847 = -7^3 - 6^1 + 5^2 + 4^5 + 3^4 + 2^6 + 1^7 + 0^0$
$\quad = -7 + 6! + 5! - 4 + 3! + 2 + 10.$

$848 = -7^1 + 6^2 + 5^4 + 4^3 + 3^0 + 2^7 + 1^6 + 0^5$
$\quad = 7 \times (-6 + 5! + 4 + 3!) - 2 \times 10.$

$849 = 7^1 - 6^2 + 5^4 + 4^0 + 3^5 + 2^3 + 1^7 + 0^6$
$\quad = 76 - 5 + 4! \times 32 + 10.$

$850 = 7^0 + 6^3 + 5^1 + 4^4 + 3^5 + 2^7 + 1^6 + 0^2$
$\quad = 765 + 43 \times 2 - 1 \times 0!.$

$851 = -7^4 + 6^1 + 5^2 + 4^5 + 3^7 + 2^3 + 1^6 + 0^0$
$\quad = 7 \times 6 \times 5 \times 4 + 3 - 2 + 10.$

$852 = 7^1 + 6^3 + 5^0 + 4^4 + 3^5 + 2^7 + 1^6 + 0^2$
$\quad = 7 \times 6 + 54 \times (3 + 2 + 10).$

$853 = 7^3 + 6^0 + 5^1 + 4^4 + 3^5 + 2^2 + 1^7 + 0^6$
$\quad = -7 + 6! + 5! - 4 + 3 + 21 \times 0!.$

$854 = 7^3 + 6^1 + 5^0 + 4^4 + 3^5 + 2^2 + 1^7 + 0^6$
$\quad = -7 + 654 - 3 + 210.$

$855 = -7^4 - 6^0 + 5^5 + 4^3 + 3^1 + 2^6 + 1^7 + 0^2$
$\quad = 765 + (4 + 3 + 2) \times 10.$

$856 = -7^4 + 6^2 + 5^5 + 4^1 + 3^3 + 2^6 + 1^0 + 0^7$
$\quad = (-7 - 6 + 5! \times (-\sqrt{4} + 3)) \times (-2 + 10).$

$857 = -7^4 + 6^2 + 5^5 + 4^1 + 3^3 + 2^6 + 1^7 + 0^0$
$\quad = (7 - 6) \times 5 \times 4 \times (3 + 210).$

$858 = 7^0 + 6^2 + 5^4 + 4^3 + 3^1 + 2^7 + 1^6 + 0^5$
$\quad = 7 \times (6 + 5! \times (4 - 3) - 2) - 10.$

$859 = 7^1 + 6^0 + 5^2 + 4^3 + 3^6 + 2^5 + 1^7 + 0^4$
$\quad = -(7 - 6)^5 + 43 \times 2 \times 10.$

$860 = -7^4 + 6^2 + 5^1 + 4^5 + 3^7 + 2^3 + 1^0 + 0^6$
$\quad = -7 + 654 + 3 + 210.$

$861 = -7^4 + 6^2 + 5^1 + 4^5 + 3^7 + 2^3 + 1^6 + 0^0$
$\quad = -7 \times 6 - 5! + \sqrt{4} - 3 + 2^{10}.$

$862 = 7^1 + 6^2 + 5^4 + 4^3 + 3^0 + 2^7 + 1^6 + 0^5$
$\quad = -7 + 6 + (5! + 4!) \times 3! - (21 \times 0)!.$

$863 = -7^4 + 6^0 + 5^5 + 4^3 + 3^2 + 2^6 + 1^7 + 0^1$
$\quad = 7 \times (-6 \times 5 + 4 + 3) + 2^{10}.$

$864 = -7^3 + 6^2 + 5^0 + 4^5 + 3^4 + 2^6 + 1^7 + 0^1$
$\quad = (7 + 65) \times 4 \times 3 \times (2 - 1) \times 0!.$

$865 = 7^2 + 6^0 + 5^1 + 4^3 + 3^6 + 2^4 + 1^7 + 0^5$
$\quad = 765 + (\sqrt{4} + 3)! - 2 \times 10.$

$866 = 7^2 + 6^1 + 5^0 + 4^3 + 3^6 + 2^4 + 1^7 + 0^5$
$\quad = -7 + 6! - 54 - 3 + 210.$

$867 = -7^4 + 6^0 + 5^5 + 4^1 + 3^2 + 2^7 + 1^6 + 0^3$
$\quad = 7 \times 6 \times 5 \times 4 + 3^{2+1} \times 0!.$

$868 = 7^0 + 6^2 + 5^1 + 4^3 + 3^6 + 2^5 + 1^7 + 0^4$
$\quad = (-76 + 5!) \times 43 - 2^{10}.$

$869 = -7^4 + 6^1 + 5^5 + 4^3 + 3^2 + 2^6 + 1^7 + 0^0$
$\quad = 7 \times (6 - 5 + 4)^3 - (2 + 1)! \times 0!.$

$870 = 7^1 + 6^2 + 5^0 + 4^3 + 3^6 + 2^5 + 1^7 + 0^4$
$\quad = -76 + 5^4 + 321 \times 0!.$

$871 = 7^3 + 6^0 + 5^2 + 4^4 + 3^5 + 2^1 + 1^7 + 0^6$
$\quad = 7 - 6 + 5! \times \sqrt{4} + 3 \times 210.$

$872 = 7^3 - 6^2 + 5^0 + 4^4 + 3^5 + 2^6 + 1^7 + 0^1$
$\quad = 7 + 6! + 5! - 4 - 3 + \sqrt{2^{10}}.$

$873 = -7^4 + 6^0 + 5^5 + 4^2 + 3^1 + 2^7 + 1^6 + 0^3$
$\quad = 765 + (\sqrt{4} + 3)! - 2 - 10.$

$874 = 7^2 + 6^1 + 5^4 + 4^3 + 3^0 + 2^7 + 1^6 + 0^5$
$\quad = 7 + 654 + 3 + 210.$

$875 = 7^3 + 6^1 + 5^2 + 4^4 + 3^5 + 2^0 + 1^7 + 0^6$
$\quad = 7 \times (65 + \sqrt{4 + 32} \times 10).$

$876 = 7^1 + 6^3 + 5^2 + 4^4 + 3^5 + 2^7 + 1^0 + 0^6$
$\quad = 7 \times 6 \times 5 \times 4 + 3!^2 - 1 \times 0.$

$877 = 7^1 + 6^3 + 5^2 + 4^4 + 3^5 + 2^7 + 1^6 + 0^0$
$\quad = 7 \times 65 + 432 - 10.$

$878 = 7^2 - 6^3 + 5^0 + 4^5 + 3^1 + 2^4 + 1^7 + 0^6$
$\quad = 7 \times (6 + 5! \times (4 - 3) - 2) + 10.$

$879 = -7^2 + 6^0 + 5^1 + 4^3 + 3^6 + 2^7 + 1^5 + 0^4$
$\quad = 7 \times 6 + 5! - 4! + 3!! + 21 \times 0!.$

$880 = -7^2 + 6^1 + 5^0 + 4^3 + 3^6 + 2^7 + 1^5 + 0^4$
$\quad = (76 - 5!) \times (4 - 3 - 21) \times 0!.$

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

$882 = 7^3 + 6^2 + 5^0 + 4^4 + 3^5 + 2^1 + 1^7 + 0^6$
$\quad = 7 + 6 + 5 + 4! \times 3!^2 \times 1 \times 0!.$

$883 = -7^4 - 6^0 + 5^5 + 4^1 + 3^3 + 2^7 + 1^6 + 0^2$
$\quad = 765 + 4 \times 32 - 10.$

$884 = -7^5 + 6^4 + 5^1 + 4^7 + 3^0 + 2^2 + 1^6 + 0^3$
$\quad = ((7 - 6) \times 5! + 4!) \times 3! + 2 \times 10.$

$885 = 7^3 + 6^2 + 5^1 + 4^4 + 3^5 + 2^0 + 1^7 + 0^6$
$\quad = 765 + 4! \times \sqrt{3 + 21 + 0!}.$

$886 = -7^5 + 6^4 + 5^0 + 4^7 + 3^2 + 2^1 + 1^6 + 0^3$
$\quad = -7 + 65 + 4 \times (-3 + 210).$

$887 = -7^4 + 6^1 + 5^5 + 4^0 + 3^3 + 2^7 + 1^6 + 0^2$
$\quad = -7 + 6 + 5! + 4! \times 32 + 1 - 0!.$

$888 = 7^0 + 6^3 + 5^4 + 4^1 + 3^2 + 2^5 + 1^7 + 0^6$
$\quad = (7 + 6 \times 5) \times (\sqrt{4} + 32 - 10).$

$889 = -7^5 + 6^4 + 5^1 + 4^7 + 3^2 + 2^0 + 1^6 + 0^3$
$\quad = -7 + 6! + (5^{\sqrt{4}} - 3) \times (-2 + 10).$

$890 = -7^4 + 6^2 + 5^5 + 4^3 + 3^0 + 2^6 + 1^7 + 0^1$
$\quad = 7 - 6 - 5 \times (4! + 3) + 2^{10}.$

$891 = 7^1 + 6^3 + 5^4 + 4^0 + 3^2 + 2^5 + 1^7 + 0^6$
$\quad = (7 + 6 \times 5) \times 4! + 3!/2 + 1 - 0!.$

$892 = -7^5 + 6^4 + 5^0 + 4^7 + 3^2 + 2^3 + 1^6 + 0^1$
$\quad = -7 \times \sqrt{6 \times 54} - 3! + 2^{10}.$

$893 = -7^4 + 6^2 + 5^5 + 4^3 + 3^1 + 2^6 + 1^7 + 0^0$
$\quad = 765 + 4 \times 32 \times 1 \times 0!.$

$894 = 7^2 + 6^3 + 5^0 + 4^4 + 3^5 + 2^7 + 1^6 + 0^1$
$\quad = 7 \times (65 - 4 + 3) \times 2 - 1 - 0!.$

$895 = 7^1 + 6^0 + 5^3 + 4^2 + 3^6 + 2^4 + 1^7 + 0^5$
$\quad = 7 \times (65 + 4^3) + 2 - 10.$

$896 = -7^5 + 6^4 + 5^1 + 4^7 + 3^2 + 2^3 + 1^0 + 0^6$
$\quad = (7 + 6 - 5)^{\sqrt{4}} \times (-3! + 21 - 0!).$

$897 = -7^5 + 6^4 + 5^1 + 4^7 + 3^2 + 2^3 + 1^6 + 0^0$
$\quad = (7 + 6) \times (54 - 3! + 21) \times 0!.$

$898 = 7^2 + 6^3 + 5^1 + 4^4 + 3^5 + 2^7 + 1^0 + 0^6$
$\quad = 7 \times (65 - 4 + 3) \times 2 + 1 + 0!.$

$899 = 7^2 + 6^3 + 5^1 + 4^4 + 3^5 + 2^7 + 1^6 + 0^0$
$\quad = 7 - 6 - 5! - \sqrt{4} \times 3 + 2^{10}.$

$900 = 7^0 + 6^1 + 5^4 + 4^2 + 3^5 + 2^3 + 1^7 + 0^6$
$\quad = -76 \times 5 + 4 \times 32 \times 10.$

$901 = 7^1 + 6^0 + 5^4 + 4^2 + 3^5 + 2^3 + 1^7 + 0^6$
$\quad = 7 \times (65 + 4^3) - 2 \times 1 \times 0!.$

$902 = -7^5 + 6^4 + 5^2 + 4^7 + 3^0 + 2^1 + 1^6 + 0^3$
$\quad = -7 + 6! + 5! + 4! \times 3 - 2 - 1 \times 0!.$

$903 = -7^5 + 6^4 + 5^2 + 4^7 + 3^1 + 2^0 + 1^6 + 0^3$
$\quad = 765 + 4 \times 32 + 10.$

$904 = -7^5 + 6^4 + 5^0 + 4^7 + 3^3 + 2^1 + 1^6 + 0^2$
$\quad = 7 \times 6 - 54 \times 3 + 2^{10}.$

$905 = 7^1 - 6^2 + 5^4 + 4^3 + 3^5 + 2^0 + 1^7 + 0^6$
$\quad = 765 + (\sqrt{4} + 3)! + 2 \times 10.$

$906 = -7^5 + 6^4 + 5^0 + 4^7 + 3^3 + 2^2 + 1^6 + 0^1$
$\quad = 7 \times (6 + 5!) + 4 \times 3 \times 2 \times 1 \times 0!.$

$907 = -7^5 + 6^4 + 5^1 + 4^7 + 3^3 + 2^0 + 1^6 + 0^2$
$\quad = 7 \times 6 + 5 + 43 \times 2 \times 10.$

$908 = -7^5 + 6^4 + 5^2 + 4^7 + 3^0 + 2^3 + 1^6 + 0^1$
$\quad = 76 + 5^4 - 3 + 210.$

$909 = -7^1 + 6^3 + 5^4 + 4^0 + 3^2 + 2^6 + 1^7 + 0^5$
$\quad = 76 + 5 + 4 \times (-3 + 210).$

$910 = 7^0 + 6^1 + 5^3 + 4^2 + 3^6 + 2^5 + 1^7 + 0^4$
$\quad = 765 + (4 \times 3)^2 + 1 \times 0!.$

$911 = 7^1 + 6^0 + 5^3 + 4^2 + 3^6 + 2^5 + 1^7 + 0^4$
$\quad = 7 \times (65 + 4^3) - 2 + 10.$

$912 = 7^0 + 6^2 + 5^3 + 4^1 + 3^6 + 2^4 + 1^7 + 0^5$
$\quad = 76 \times (54 - 32 - 10).$

$913 = 7^3 + 6^0 + 5^1 + 4^4 + 3^5 + 2^6 + 1^7 + 0^2$
$\quad = -7 \times (6 + 5 + 4) - 3! + 2^{10}.$

$914 = 7^3 + 6^1 + 5^0 + 4^4 + 3^5 + 2^6 + 1^7 + 0^2$
$\quad = 7 - 6 \times 5 \times 4 + 3 + 2^{10}.$

$915 = 7^1 + 6^2 + 5^3 + 4^0 + 3^6 + 2^4 + 1^7 + 0^5$
$\quad = 7 + 6 - 5! + 4 - 3! + 2^{10}.$

$916 = -7^4 + 6^2 + 5^1 + 4^5 + 3^7 + 2^6 + 1^0 + 0^3$
$= 76 + 5! \times (4 \times 3/2 + 1) \times 0!.$

$917 = -7^4 + 6^2 + 5^5 + 4^0 + 3^3 + 2^7 + 1^6 + 0^1$
$= -7 - 6 + 5! \times \sqrt{4} \times 3 + 210.$

$918 = 7^0 + 6^2 + 5^4 + 4^1 + 3^5 + 2^3 + 1^7 + 0^6$
$= (7 + 6 + 5) \times (43 - 2 + 10).$

$919 = -7^2 + 6^3 + 5^1 + 4^0 + 3^6 + 2^4 + 1^7 + 0^5$
$= -7 + (6 - 5) \times (-4 + 3!! + 210).$

$920 = 7^0 + 6^3 + 5^4 + 4^1 + 3^2 + 2^6 + 1^7 + 0^5$
$= -7 - 6 + 5 - \sqrt{4} + 3!! + 210.$

$921 = 7^1 + 6^2 + 5^4 + 4^0 + 3^5 + 2^3 + 1^7 + 0^6$
$= -7 + 6! + 5 - 4 - 3 + 210.$

$922 = -7^3 + 6^1 + 5^2 + 4^5 + 3^4 + 2^7 + 1^0 + 0^6$
$= 7 \times (6 + 5!) + 4!/3 + \sqrt{2^{10}}.$

$923 = 7^1 + 6^3 + 5^4 + 4^0 + 3^2 + 2^6 + 1^7 + 0^5$
$= 7 + (6 \times 5)^{\sqrt{4}} + 32/(1 + 0!).$

$924 = -7^4 + 6^1 + 5^5 + 4^3 + 3^0 + 2^7 + 1^6 + 0^2$
$= (76 - 54) \times (32 + 10).$

$925 = 7^2 + 6^0 + 5^3 + 4^1 + 3^6 + 2^4 + 1^7 + 0^5$
$= 7 + 6 - 5! + 4!/3 + 2^{10}.$

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

$927 = 7^2 + 6^3 + 5^4 + 4^0 + 3^1 + 2^5 + 1^7 + 0^6$
$= 7 + 65 \times (4 + 3) \times 2 + 10.$

$928 = 7^2 + 6^3 + 5^4 + 4^1 + 3^0 + 2^5 + 1^7 + 0^6$
$= 7 \times (6 + 5!) + 43 + 2 + 1 \times 0!.$

$929 = -7^5 + 6^4 + 5^2 + 4^7 + 3^3 + 2^1 + 1^6 + 0^0$
$= 7 - 6 - 5! + 4 \times 3! + 2^{10}.$

$930 = 7^1 + 6^3 + 5^4 + 4^2 + 3^0 + 2^6 + 1^7 + 0^5$
$= 7 \times 6 + 5! + 4! \times 32 \times 1 \times 0!.$

$931 = 7^2 + 6^0 + 5^4 + 4^1 + 3^5 + 2^3 + 1^7 + 0^6$
$= (-7 + 6 \times 54) \times 3 - 2 \times 10.$

$932 = -7^4 + 6^1 + 5^5 + 4^3 + 3^2 + 2^7 + 1^0 + 0^6$
$= 765 - 43 + 210.$

$933 = 7^3 + 6^0 + 5^2 + 4^4 + 3^5 + 2^6 + 1^7 + 0^1$
$= 765 + 4 \times (32 + 10).$

$934 = -7^2 + 6^3 + 5^0 + 4^1 + 3^6 + 2^5 + 1^7 + 0^4$
$= 7 + 6 - 5 - 4 + 3!! + 210.$

$935 = -7^5 + 6^0 + 5^4 + 4^7 + 3^6 + 2^1 + 1^3 + 0^2$
$= 7 + 6! + 5 - 4 - 3 + 210.$

$936 = 7^4 - 6^5 + 5^2 + 4^6 + 3^7 + 2^1 + 1^0 + 0^3$
$= (7 - 6 + 5! - 4) \times \sqrt{3 \times 21 + 0!}.$

$937 = -7^5 + 6^0 + 5^4 + 4^7 + 3^6 + 2^2 + 1^3 + 0^1$
$= (7 - 6 + 5)! + 4 + 3 + 210.$

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

$939 = 7^3 + 6^1 + 5^2 + 4^4 + 3^5 + 2^6 + 1^7 + 0^0$
$= 7 \times 6 - 5 + 43 \times 21 - 0!.$

$940 = 7^3 - 6^2 + 5^1 + 4^4 + 3^5 + 2^7 + 1^0 + 0^6$
$= 7 \times 6 - 5 + 43 \times 21 \times 0!.$

$941 = 7^2 + 6^0 + 5^3 + 4^1 + 3^6 + 2^5 + 1^7 + 0^4$
$= 7 \times 6 - 5 + 43 \times 21 + 0!.$

$942 = -7^5 + 6^4 + 5^0 + 4^7 + 3^1 + 2^6 + 1^3 + 0^2$
$= (-7 + 6 \times 54 - 3) \times (2 + 1) \times 0!.$

$943 = 7^2 + 6^1 + 5^3 + 4^0 + 3^6 + 2^5 + 1^7 + 0^4$
$= 7 \times 6 \times 5/\sqrt{4} \times 3^2 - 1 - 0!.$

$944 = 7^3 + 6^2 + 5^0 + 4^4 + 3^5 + 2^6 + 1^7 + 0^1$
$= -7 \times 6 + 5 - 43 + 2^{10}.$

$945 = 7^1 + 6^0 + 5^4 + 4^3 + 3^5 + 2^2 + 1^7 + 0^6$
$= (7 - 6) \times 5^4 + 32 \times 10.$

$946 = -7^5 + 6^1 + 5^4 + 4^7 + 3^6 + 2^3 + 1^0 + 0^2$
$= 7 + 65 + 4! \times 3!^2 + 10.$

$947 = -7^5 + 6^1 + 5^4 + 4^7 + 3^6 + 2^3 + 1^2 + 0^0$
$= 7 \times 6 \times 5/\sqrt{4} \times 3^2 + 1 + 0!.$

$948 = 7^3 + 6^2 + 5^1 + 4^4 + 3^5 + 2^6 + 1^0 + 0^7$
$= 765 - 4! - 3 + 210.$

$949 = 7^3 + 6^2 + 5^1 + 4^4 + 3^5 + 2^6 + 1^7 + 0^0$
$= (7 + 6 + 5!/\sqrt{4}) \times (3! \times 2 + 1) \times 0!.$

$950 = -7^4 + 6^3 + 5^5 + 4^1 + 3^0 + 2^2 + 1^7 + 0^6$
$= (7 + 6 + 5!/\sqrt{4}) \times (3! \times 2 + 1) + 0!.$

$951 = -7^2 + 6^0 + 5^1 + 4^4 + 3^6 + 2^3 + 1^7 + 0^5$
$= -7 - 65 - 4 + 3 + 2^{10}.$

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

$953 = -7^5 + 6^4 + 5^1 + 4^7 + 3^2 + 2^6 + 1^3 + 0^0$
$= -7 - 65 + 4 - 3 + 2^{10}.$

$954 = 7^0 + 6^1 + 5^2 + 4^3 + 3^6 + 2^7 + 1^5 + 0^4$
$= -7 - 65 - 4 + 3! + 2^{10}.$

$955 = 7^1 + 6^0 + 5^2 + 4^3 + 3^6 + 2^7 + 1^5 + 0^4$
$= -7 \times 6 - (5 + 4) \times 3 + 2^{10}.$

$956 = 7^0 + 6^1 + 5^4 + 4^2 + 3^5 + 2^6 + 1^7 + 0^3$
$= 7 + 6! - 5 + 4 \times 3! + 210.$

$957 = 7^1 + 6^0 + 5^4 + 4^2 + 3^5 + 2^6 + 1^7 + 0^3$
$= -7 + 6 \times 54 \times 3 + 2 - 10.$

$958 = -7^0 - 6^3 + 5^1 + 4^5 + 3^4 + 2^6 + 1^7 + 0^2$
$= -(7 + 6) \times 5 - 4 + 3 + 2^{10}.$

$959 = 7^2 + 6^3 + 5^4 + 4^0 + 3^1 + 2^6 + 1^7 + 0^5$
$= (7 + 654) \times 3 - 2^{10}.$

$960 = 7^2 + 6^3 + 5^4 + 4^1 + 3^0 + 2^6 + 1^7 + 0^5$
$= (-7 + 65 + \sqrt{4}) \times (3 \times 2 + 10).$

$961 = -7^4 + 6^3 + 5^5 + 4^2 + 3^1 + 2^0 + 1^7 + 0^6$
$= -7 + 65 + 43 \times 21 \times 0!.$

$962 = -7^0 + 6^2 + 5^1 + 4^3 + 3^6 + 2^7 + 1^5 + 0^4$
$= (7 + 6 - 5) \times 4 + 3!! + 210.$

$963 = -7^1 + 6^2 + 5^4 + 4^3 + 3^5 + 2^0 + 1^7 + 0^6$
$= -7 + 6 \times (5! + 43) + 2 - 10.$

$964 = 7^0 + 6^2 + 5^1 + 4^3 + 3^6 + 2^7 + 1^5 + 0^4$
$= 7 - 65 + 4 - 3! + 2^{10}.$

$965 = -7^4 - 6^2 + 5^3 + 4^5 + 3^7 + 2^6 + 1^1 + 0^0$
$= -7 + 6 \times 54 \times 3!/2 \times 1 \times 0!.$

$966 = 7^1 + 6^2 + 5^0 + 4^3 + 3^6 + 2^7 + 1^5 + 0^4$
$= (76 + 5) \times 4 \times 3 - (2 + 1 + 0)!.$

$967 = -7^5 + 6^4 + 5^2 + 4^7 + 3^1 + 2^6 + 1^3 + 0^0$
$\quad = 7 - 65 + 4 - 3 + 2^{10}.$

$968 = 7^1 - 6^4 + 5^0 + 4^3 + 3^7 + 2^2 + 1^6 + 0^5$
$\quad = 765 - 4 - 3 + 210.$

$969 = -7^5 + 6^2 + 5^4 + 4^7 + 3^6 + 2^0 + 1^3 + 0^1$
$\quad = 7 \times 6!/5 + 4! - 3 \times 21 \times 0!.$

$970 = -7^5 + 6^4 + 5^1 + 4^7 + 3^3 + 2^6 + 1^0 + 0^2$
$\quad = ((7 \times 6 - 5 - 4) \times 3 - 2) \times 10.$

$971 = -7^5 + 6^4 + 5^1 + 4^7 + 3^3 + 2^6 + 1^2 + 0^0$
$\quad = (-7 + 6 \times 54) \times 3 + 2 \times 10.$

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

$973 = -7^4 + 6^2 + 5^3 + 4^5 + 3^7 + 2^0 + 1^6 + 0^1$
$\quad = 7 - 65 + 4 + 3 + 2^{10}.$

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

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

$976 = -7^5 + 6^2 + 5^4 + 4^7 + 3^6 + 2^3 + 1^0 + 0^1$
$\quad = 7 \times 6!/5 - 4 \times (3^2 - 1) \times 0!.$

$977 = 7^3 + 6^0 + 5^1 + 4^4 + 3^5 + 2^7 + 1^6 + 0^2$
$\quad = 765 - 4 + 3! + 210.$

$978 = 7^3 + 6^1 + 5^0 + 4^4 + 3^5 + 2^7 + 1^6 + 0^2$
$\quad = (76 + 5) \times 4 \times 3 + (2 + 1)! \times 0!.$

$979 = 7^2 - 6^4 + 5^1 + 4^0 + 3^7 + 2^5 + 1^6 + 0^3$
$\quad = 7 + 6 \times 54 \times 3!/2 \times 1 \times 0!.$

$980 = -7^1 + 6^3 + 5^4 + 4^2 + 3^0 + 2^7 + 1^6 + 0^5$
$\quad = (76 + 5 \times 4!) \times (3 + 2 \times 1) \times 0!.$

$981 = -7^1 + 6^3 + 5^2 + 4^0 + 3^6 + 2^4 + 1^7 + 0^5$
$\quad = 7 + 654 + 32 \times 10.$

$982 = -7^0 + 6^3 + 5^4 + 4^1 + 3^2 + 2^7 + 1^6 + 0^5$
$\quad = 765 + 4 + 3 + 210.$

$983 = 7^2 - 6^0 + 5^4 + 4^3 + 3^5 + 2^1 + 1^7 + 0^6$
$\quad = 7 \times 6 - 5 + 43 \times (21 + 0!).$

$984 = 7^0 + 6^3 + 5^4 + 4^1 + 3^2 + 2^7 + 1^6 + 0^5$
$\quad = -7 - 6 - (5 + 4) \times 3 + 2^{10}.$

$985 = 7^2 + 6^0 + 5^4 + 4^3 + 3^5 + 2^1 + 1^7 + 0^6$
$\quad = 7 + 6! + 5 + 43 + 210.$

$986 = 7^1 + 6^3 + 5^0 + 4^2 + 3^6 + 2^4 + 1^7 + 0^5$
$\quad = -\sqrt{7 - 6 + 5!} \times 4 + 3! + 2^{10}.$

$987 = 7^2 + 6^0 + 5^4 + 4^1 + 3^5 + 2^6 + 1^7 + 0^3$
$\quad = 76 - 5! + 4 + 3 + 2^{10}.$

$988 = -7^1 + 6^3 + 5^0 + 4^2 + 3^6 + 2^5 + 1^7 + 0^4$
$\quad = 7 + 6! + 54 - 3 + 210.$

$989 = 7^2 + 6^1 + 5^4 + 4^3 + 3^5 + 2^0 + 1^7 + 0^6$
$\quad = (7 + 6 + 5!/4) \times (3 + 21 - 0!).$

$990 = 7^0 + 6^3 + 5^4 + 4^2 + 3^1 + 2^7 + 1^6 + 0^5$
$\quad = (-7 + 6 - 54) \times (3 - 21) \times 0!.$

$991 = -7^5 + 6^4 + 5^2 + 4^7 + 3^3 + 2^6 + 1^1 + 0^0$
$\quad = -7 + 6 - 5 - 4! - 3 + 2^{10}.$

$992 = 7^0 + 6^3 + 5^2 + 4^1 + 3^6 + 2^4 + 1^7 + 0^5$
$\quad = (7 + 6 - 5 + 4!) \times (32 - 1) \times 0!.$

$993 = -7^1 + 6^0 + 5^3 + 4^2 + 3^6 + 2^7 + 1^5 + 0^4$
$\quad = 7 - 6 - 5 - 4! - 3 + 2^{10}.$

$994 = 7^1 + 6^3 + 5^4 + 4^2 + 3^0 + 2^7 + 1^6 + 0^5$
$\quad = 7 \times (65 - 4 + 3^{2+1+0!}).$

$995 = 7^1 + 6^3 + 5^2 + 4^0 + 3^6 + 2^4 + 1^7 + 0^5$
$\quad = 7 \times (-6 + 5! + 4!) - 3 + \sqrt{2^{10}}.$

$996 = 7^1 - 6^4 + 5^0 + 4^3 + 3^7 + 2^5 + 1^6 + 0^2$
$\quad = -7 + 6 - 5!/4 + 3 + 2^{10}.$

$997 = 7^3 + 6^0 + 5^2 + 4^4 + 3^5 + 2^7 + 1^6 + 0^1$
$\quad = 7 + 6 + 5^4 + 3!!/2 - 1 \times 0!.$

$998 = -7^0 + 6^3 + 5^1 + 4^2 + 3^6 + 2^5 + 1^7 + 0^4$
$\quad = 7 + 6 + 5^4 + 3!!/2 \times 1 \times 0!.$

$999 = -7^4 - 6^0 + 5^3 + 4^5 + 3^7 + 2^6 + 1^2 + 0^1$
$\quad = 7 + 6 + 5 - 43 + 2^{10}.$

$1000 = 7^0 + 6^3 + 5^1 + 4^2 + 3^6 + 2^5 + 1^7 + 0^4$
$\quad = (7 + 65 - 4 + 32) \times 10.$

$1001 = -7^4 + 6^0 + 5^3 + 4^5 + 3^7 + 2^6 + 1^2 + 0^1$
$\quad = 7 \times (6 + 5) \times (-\sqrt{4} + 3 + 2 + 10).$

$1002 = 7^3 + 6^1 + 5^2 + 4^4 + 3^5 + 2^7 + 1^0 + 0^6$
$\quad = (7 - 6) \times (5 - 4!) - 3 + 2^{10}.$

$1003 = 7^3 + 6^1 + 5^2 + 4^4 + 3^5 + 2^7 + 1^6 + 0^0$
$\quad = 7 - 6 + 5 - 4! - 3 + 2^{10}.$

$1004 = 7^0 + 6^1 + 5^4 + 4^3 + 3^5 + 2^6 + 1^7 + 0^2$
$\quad = 7 \times (-6 + 54) \times 3 - 2 - 1 - 0!.$

$1005 = 7^1 + 6^0 + 5^4 + 4^3 + 3^5 + 2^6 + 1^7 + 0^2$
$\quad = 7 \times (-6 + 54) \times 3 - 2 - 1 \times 0!.$

$1006 = 7^0 + 6^1 + 5^3 + 4^2 + 3^6 + 2^7 + 1^5 + 0^4$
$\quad = 7 \times (-6 + 54) \times 3 - 2 \times 1 \times 0!.$

$1007 = 7^1 + 6^0 + 5^3 + 4^2 + 3^6 + 2^7 + 1^5 + 0^4$
$\quad = (7 \times 6 \times (5 + 43) - 2)/(1 + 0!).$

$1008 = 7^3 + 6^2 + 5^0 + 4^4 + 3^5 + 2^7 + 1^6 + 0^1$
$\quad = (-7 + 6 + 5 + 4!) \times 3!^2 \times 1 \times 0!.$

$1009 = -7^5 + 6^4 + 5^3 + 4^7 + 3^2 + 2^0 + 1^6 + 0^1$
$\quad = -7 + (65 \times \sqrt{4} - 3) \times (-2 + 10).$

$1010 = -7^5 + 6^4 + 5^3 + 4^7 + 3^2 + 2^1 + 1^0 + 0^6$
$\quad = 76 \times 5 + (4! + 3!) \times 21 \times 0!.$

$1011 = 7^1 + 6^3 + 5^2 + 4^0 + 3^6 + 2^5 + 1^7 + 0^4$
$\quad = -76 + 543 \times 2 + 1 \times 0!.$

$1012 = 7^3 + 6^2 + 5^1 + 4^4 + 3^5 + 2^7 + 1^0 + 0^6$
$\quad = (7 - 6 + 5 + 4)^3 + 2 + 10.$

$1013 = 7^3 + 6^2 + 5^1 + 4^4 + 3^5 + 2^7 + 1^6 + 0^0$
$\quad = -76 + (5 - 4 + 32)^{1+0!}.$

$1014 = 7^0 - 6^4 + 5^2 + 4^3 + 3^7 + 2^5 + 1^6 + 0^1$
$\quad = 7 \times 6 \times \sqrt{5^4} - 3!^2 \times 1 \times 0!.$

$1015 = 7^3 + 6^0 + 5^4 + 4^1 + 3^2 + 2^5 + 1^7 + 0^6$
$\quad = 7 \times 6 \times \sqrt{5^4} - 3!^2 + 1 \times 0!.$

$1016 = 7^2 + 6^3 + 5^0 + 4^1 + 3^6 + 2^4 + 1^7 + 0^5$
$\quad = 7 \times (-6 + 5) - 4 + 3 + 2^{10}.$

$1017 = 7^3 + 6^1 + 5^4 + 4^0 + 3^2 + 2^5 + 1^7 + 0^6$
$\quad = 7 + (65 + 4 + 32) \times 10.$

$1018 = -7^4 + 6^3 + 5^5 + 4^1 + 3^2 + 2^6 + 1^0 + 0^7$
$= 765 + 43 + 210.$

$1019 = -7^5 + 6^0 + 5^6 + 4^1 + 3^7 + 2^3 + 1^4 + 0^2$
$= (-7 + 6) \times 5 \times (4 - 3) + 2^{10}.$

$1020 = 7^0 + 6^1 + 5^4 + 4^2 + 3^5 + 2^7 + 1^6 + 0^3$
$= 7 \times (-6 + 54) \times 3 + 2 + 10.$

$1021 = 7^3 + 6^0 + 5^4 + 4^2 + 3^1 + 2^5 + 1^7 + 0^6$
$= -7 + (65 \times 4 - 3) \times (2 + 1 + 0!).$

$1022 = -7^4 + 6^3 + 5^5 + 4^2 + 3^0 + 2^6 + 1^7 + 0^1$
$= 76 + 5^4 + 321 \times 0!.$

$1023 = 7^2 + 6^3 + 5^4 + 4^0 + 3^1 + 2^7 + 1^6 + 0^5$
$= 7 + (65 \times \sqrt{4} - 3) \times (-2 + 10).$

$1024 = 7^3 + 6^1 + 5^4 + 4^2 + 3^0 + 2^5 + 1^7 + 0^6$
$= (7 + 6 + 5 - \sqrt{4}) \times 32 \times (1 + 0!).$

$1025 = -7^5 + 6^0 + 5^6 + 4^2 + 3^7 + 2^1 + 1^4 + 0^3$
$= -76 + 5! - 43 + 2^{10}.$

$1026 = 7^0 + 6^1 + 5^2 + 4^4 + 3^6 + 2^3 + 1^7 + 0^5$
$= 7 - 6 + (5 - 4)^3 + 2^{10}.$

$1027 = 7^1 + 6^2 + 5^3 + 4^0 + 3^6 + 2^7 + 1^5 + 0^4$
$= -7 + 6 + 5 - 4 + 3 + 2^{10}.$

$1028 = 7^1 - 6^4 + 5^0 + 4^3 + 3^7 + 2^6 + 1^5 + 0^2$
$= -7 + 6! - 5 + 4^3/2 \times 10.$

$1029 = -7^5 + 6^1 + 5^6 + 4^2 + 3^7 + 2^0 + 1^4 + 0^3$
$= 7 \times (-6 + 5 \times 4! + 3) + 210.$

$1030 = -7^4 + 6^3 + 5^0 + 4^5 + 3^7 + 2^1 + 1^6 + 0^2$
$= (-7 + 65 + 43 + 2) \times 10.$

$1031 = -7^5 + 6^0 + 5^6 + 4^2 + 3^7 + 2^3 + 1^4 + 0^1$
$= 7 \times 6!/5 + 4! - (321 \times 0)!.$

$1032 = 7^2 + 6^3 + 5^0 + 4^1 + 3^6 + 2^5 + 1^7 + 0^4$
$= 7 - 6 - 5 + 4 \times 3 + 2^{10}.$

$1033 = 7^2 + 6^3 + 5^1 + 4^0 + 3^6 + 2^5 + 1^7 + 0^4$
$= 7 + (-6 + 5 \times 4!) \times 3 \times (2 + 1) \times 0!.$

$1034 = 7^0 + 6^2 + 5^4 + 4^3 + 3^5 + 2^6 + 1^7 + 0^1$
$= -7 + 6! + (5 - 4) \times 321 \times 0!.$

$1035 = -7^3 + 6^1 + 5^4 + 4^2 + 3^6 + 2^0 + 1^7 + 0^5$
$= ((7 - 6)^5 + 4) \times (-3 + 210).$

$1036 = 7^0 + 6^2 + 5^1 + 4^4 + 3^6 + 2^3 + 1^7 + 0^5$
$= 7 \times (6 - 5 + (4 + 3) \times 21) \times 0!.$

$1037 = 7^2 + 6^0 + 5^3 + 4^1 + 3^6 + 2^7 + 1^5 + 0^4$
$= -7 + 6! + 54 \times 3 \times (2 + 1 - 0!).$

$1038 = 7^1 + 6^2 + 5^0 + 4^4 + 3^6 + 2^3 + 1^7 + 0^5$
$= -7 - 6 + (5 + 4) \times 3 + 2^{10}.$

$1039 = 7^2 + 6^1 + 5^3 + 4^0 + 3^6 + 2^7 + 1^5 + 0^4$
$= 7 + 6 - 5 + 4 + 3 + 2^{10}.$

$1040 = 7^1 + 6^2 + 5^4 + 4^3 + 3^5 + 2^6 + 1^0 + 0^7$
$= 7 \times 6!/5 + 4 \times (3^2 - 1) \times 0!.$

$1041 = 7^3 + 6^2 + 5^4 + 4^0 + 3^1 + 2^5 + 1^7 + 0^6$
$= 7 \times 6 \times \sqrt{5^4} + 3 - 2 - 10.$

$1042 = 7^3 + 6^2 + 5^4 + 4^1 + 3^0 + 2^5 + 1^7 + 0^6$
$= -7 + 6! + 5! - 4 + 3 + 210.$

$1043 = 7^2 - 6^4 + 5^1 + 4^3 + 3^7 + 2^5 + 1^6 + 0^0$
$= -7 - 6 + 5 + 4! + 3 + 2^{10}.$

$1044 = -7^5 + 6^1 + 5^6 + 4^2 + 3^7 + 2^4 + 1^0 + 0^3$
$= -7 \times 6 + 543 \times 2 + 1 - 0!.$

$1045 = -7^5 + 6^2 + 5^6 + 4^0 + 3^7 + 2^1 + 1^4 + 0^3$
$= 765 + (-4 + 32) \times 10.$

$1046 = 7^0 - 6^4 + 5^2 + 4^3 + 3^7 + 2^6 + 1^5 + 0^1$
$= 7 + 6! - 5 + 4 + 32 \times 10.$

$1047 = 7^3 + 6^0 + 5^4 + 4^1 + 3^2 + 2^6 + 1^7 + 0^5$
$= 7 + 6 + 5 + \sqrt{4} + 3 + 2^{10}.$

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

$1049 = 7^3 + 6^1 + 5^4 + 4^0 + 3^2 + 2^6 + 1^7 + 0^5$
$= 7 + 6 + 5 + 4 + 3 + 2^{10}.$

$1050 = 7^2 + 6^1 + 5^0 + 4^4 + 3^6 + 2^3 + 1^7 + 0^5$
$= 7 \times 6 + 5 - 4! + 3 + 2^{10}.$

$1051 = 7^2 + 6^0 + 5^4 + 4^1 + 3^5 + 2^7 + 1^6 + 0^3$
$= ((7 - 6)^5 \times (4! + 3 + 2^{10}).$

$1052 = 7^2 + 6^1 + 5^4 + 4^3 + 3^5 + 2^6 + 1^0 + 0^7$
$= (7 - 6)^5 + 4! + 3 + 2^{10}.$

$1053 = 7^3 + 6^0 + 5^4 + 4^2 + 3^1 + 2^6 + 1^7 + 0^5$
$= (76 + 5) \times 4 + 3^{2+1}! \times 0!.$

$1054 = -7^5 + 6^2 + 5^6 + 4^1 + 3^7 + 2^3 + 1^0 + 0^4$
$= 7 + 6 \times 5 - 4 - 3 + 2^{10}.$

$1055 = -7^5 + 6^2 + 5^6 + 4^1 + 3^7 + 2^3 + 1^4 + 0^0$
$= 7 + 6! + 5 \times 4^3 - 2 + 10.$

$1056 = 7^3 + 6^1 + 5^4 + 4^2 + 3^0 + 2^6 + 1^7 + 0^5$
$= 7 \times 6 \times 5^{\sqrt{4}} + 3! \times (2 - 1) \times 0!.$

$1057 = 7^1 - 6^4 + 5^3 + 4^0 + 3^7 + 2^5 + 1^6 + 0^2$
$= 7 + 6 \times 5 \times 4 + 3!! + 210.$

$1058 = -7^0 + 6^2 + 5^1 + 4^4 + 3^6 + 2^5 + 1^7 + 0^3$
$= (7 + 6 + 5! - \sqrt{4}) \times (3! + 2) + 10.$

$1059 = -7^5 + 6^2 + 5^6 + 4^0 + 3^7 + 2^4 + 1^3 + 0^1$
$= 7 \times 6 \times \sqrt{5^4} - 3 + 2 + 10.$

$1060 = 7^0 + 6^2 + 5^1 + 4^4 + 3^6 + 2^5 + 1^7 + 0^3$
$= 7 + 6 \times 5 - 4 + 3 + 2^{10}.$

$1061 = -7^3 + 6^0 + 5^4 + 4^2 + 3^6 + 2^5 + 1^7 + 0^1$
$= 7 \times 6 + 5 + 4^{3+2} - 10.$

$1062 = 7^1 + 6^2 + 5^0 + 4^4 + 3^6 + 2^5 + 1^7 + 0^3$
$= 7 \times 6 \times 5 + 4 \times (3 + 210).$

$1063 = -7^5 + 6^2 + 5^6 + 4^1 + 3^7 + 2^4 + 1^3 + 0^0$
$= 7 + 6 + 5 + 4! - 3 + 2^{10}.$

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

$1065 = -7^2 + 6^0 + 5^3 + 4^4 + 3^6 + 2^1 + 1^7 + 0^5$
$= 7 \times 6 \times \sqrt{5^4} + 3 + 2 + 10.$

$1066 = -7^5 + 6^4 + 5^3 + 4^7 + 3^1 + 2^6 + 1^0 + 0^2$
$= 7 + 6! + 5 - 4! + 3!!/2 - 1 - 0!.$

$1067 = -7^5 + 6^4 + 5^3 + 4^7 + 3^1 + 2^6 + 1^2 + 0^0$
$= 7 \times 6!/5 - 4 + 3 \times 21 \times 0!.$

$1068 = 7^0 + 6^1 + 5^4 + 4^3 + 3^5 + 2^7 + 1^6 + 0^2$
$= 7 \times 6 \times \sqrt{5^4} + 3! + 2 + 10.$

$1069 = 7^1 + 6^0 + 5^4 + 4^3 + 3^5 + 2^7 + 1^6 + 0^2$
$= 7 \times 6 + (5 + 4)/3 + 2^{10}.$

$1070 = 7^2 - 6^4 + 5^0 + 4^3 + 3^7 + 2^6 + 1^5 + 0^1$
$= (76 - 5 + 4 + 32) \times 10.$

$1071 = -7^2 + 6^0 + 5^1 + 4^5 + 3^4 + 2^3 + 1^7 + 0^6$
$= 7 \times (65 - 4) \times 3 - 210.$

$1072 = -7^5 + 6^4 + 5^3 + 4^7 + 3^2 + 2^6 + 1^0 + 0^1$
$= -7 - 6 + 543 \times 2 - 1 \times 0!.$

$1073 = 7^3 + 6^2 + 5^4 + 4^0 + 3^1 + 2^6 + 1^7 + 0^5$
$= -7 - 6 + 543 \times 2 \times 1 \times 0!.$

$1074 = 7^3 + 6^2 + 5^4 + 4^1 + 3^0 + 2^6 + 1^7 + 0^5$
$= -7 \times 6 \times 5 + 4 \times 321 \times 0!.$

$1075 = -7^5 + 6^0 + 5^6 + 4^3 + 3^7 + 2^2 + 1^4 + 0^1$
$= 7 + (65 + 4 \times 3!) \times (2 + 10).$

$1076 = -7^0 - 6^2 + 5^3 + 4^4 + 3^6 + 2^1 + 1^7 + 0^5$
$= 7 + (6 + 5 + 4) \times 3 + 2^{10}.$

$1077 = -7^5 + 6^1 + 5^6 + 4^3 + 3^7 + 2^0 + 1^4 + 0^2$
$= 7 + 6! + (5 \times 4! - 3) \times (2 + 1) - 0!.$

$1078 = 7^0 - 6^2 + 5^3 + 4^4 + 3^6 + 2^1 + 1^7 + 0^5$
$= 7 \times 6 + 5 + 4 + 3 + 2^{10}.$

$1079 = -7^4 + 6^3 + 5^5 + 4^0 + 3^2 + 2^7 + 1^6 + 0^1$
$= -7 + 6 + 5! \times (-(4 - 3)^2 + 10).$

$1080 = -7^5 + 6^1 + 5^6 + 4^3 + 3^7 + 2^2 + 1^0 + 0^4$
$= (76 + (5 - 4) \times 32) \times 10.$

$1081 = -7^5 + 6^1 + 5^6 + 4^3 + 3^7 + 2^2 + 1^4 + 0^0$
$= 765 - 4 + 32 \times 10.$

$1082 = -7^4 + 6^3 + 5^5 + 4^1 + 3^2 + 2^7 + 1^0 + 0^6$
$= 76 - (\sqrt{5 + 4})! \times 3 + 2^{10}.$

$1083 = -7^4 + 6^3 + 5^5 + 4^1 + 3^2 + 2^7 + 1^6 + 0^0$
$= -7 + 6 + 54 + 3! + 2^{10}.$

$1084 = -7^3 + 6^2 + 5^4 + 4^1 + 3^6 + 2^5 + 1^0 + 0^7$
$= (-7 + 6 + 543) \times (2 - 1 + 0!).$

$1085 = -7^3 + 6^2 + 5^4 + 4^1 + 3^6 + 2^5 + 1^7 + 0^0$
$= -7 + 6 + 543 \times (2 - 1 + 0!).$

$1086 = -7^4 + 6^3 + 5^5 + 4^2 + 3^0 + 2^7 + 1^6 + 0^1$
$= (7 - 6) \times 543 \times (2 - 1 + 0!).$

$1087 = -7^5 + 6^0 + 5^6 + 4^3 + 3^7 + 2^4 + 1^2 + 0^1$
$= 7 - 6 + 543 \times (2 - 1 + 0!).$

$1088 = -7^4 + 6^3 + 5^5 + 4^2 + 3^1 + 2^7 + 1^0 + 0^6$
$= 7 + 65 - \sqrt{4^3} + 2^{10}.$

$1089 = -7^4 + 6^3 + 5^5 + 4^2 + 3^1 + 2^7 + 1^6 + 0^0$
$= 765 + 4 + 32 \times 10.$

$1090 = -7^1 + 6^2 + 5^4 + 4^3 + 3^5 + 2^7 + 1^0 + 0^6$
$= 765 + 4 + 321 \times 0!.$

$1091 = -7^1 + 6^2 + 5^4 + 4^3 + 3^5 + 2^7 + 1^6 + 0^0$
$= 7 + 6! + 5 + (-4 + 3!! + 2)/(1 + 0!).$

$1092 = -7^5 + 6^1 + 5^6 + 4^3 + 3^7 + 2^4 + 1^0 + 0^2$
$= 7 \times 6 \times 5^{\sqrt{4}} + 32 + 10.$

$1093 = -7^5 + 6^1 + 5^6 + 4^3 + 3^7 + 2^4 + 1^2 + 0^0$
$= -7 \times 6 + 5^4 + 3!! - 210.$

$1094 = 7^0 + 6^3 + 5^4 + 4^1 + 3^5 + 2^2 + 1^7 + 0^6$
$= 7 - 6 + 5 + 4^3 + 2^{10}.$

$1095 = -7^2 + 6^0 + 5^3 + 4^4 + 3^6 + 2^5 + 1^7 + 0^1$
$= 76 - 5 + 4^{3+2} \times 1 \times 0!.$

$1096 = 7^0 + 6^3 + 5^1 + 4^2 + 3^6 + 2^7 + 1^5 + 0^4$
$= 76 - 5 + 4 - 3 + 2^{10}.$

$1097 = 7^1 + 6^3 + 5^4 + 4^0 + 3^5 + 2^2 + 1^7 + 0^6$
$= 7 \times 6 + 5 \times (4 - 3 + 210).$

$1098 = 7^1 + 6^3 + 5^0 + 4^2 + 3^6 + 2^7 + 1^5 + 0^4$
$= 7 + 65 - 4 + 3! + 2^{10}.$

$1099 = 7^2 - 6^4 + 5^3 + 4^0 + 3^7 + 2^5 + 1^6 + 0^1$
$= 7 + 6! + 5! + 4 \times 3 \times 21 \times 0!.$

$1100 = 7^0 + 6^1 + 5^2 + 4^5 + 3^3 + 2^4 + 1^7 + 0^6$
$= (7 \times 6 + 5 + 4!/3) \times 2 \times 10.$

$1101 = 7^1 + 6^0 + 5^2 + 4^5 + 3^3 + 2^4 + 1^7 + 0^6$
$= 7 \times 65 \times 4 - (3 + 2 + 1)! + 0!.$

$1102 = -7^3 + 6^4 + 5^0 + 4^2 + 3^1 + 2^7 + 1^6 + 0^5$
$= 7 \times (6 - 54) + 3!! \times 2 - 1 - 0!.$

$1103 = 7^2 - 6^4 + 5^3 + 4^1 + 3^7 + 2^5 + 1^6 + 0^0$
$= 7 + 65 + 4 + 3 + 2^{10}.$

$1104 = 7^1 + 6^2 + 5^4 + 4^3 + 3^5 + 2^7 + 1^0 + 0^6$
$= 76 \times 5 + 4 + (3 + 2 - 1 - 0!)!!.$

$1105 = 7^1 + 6^2 + 5^4 + 4^3 + 3^5 + 2^7 + 1^6 + 0^0$
$= 76 + 5 \times (4 - 3) + 2^{10}.$

$1106 = -7^0 - 6^2 + 5^3 + 4^4 + 3^6 + 2^5 + 1^7 + 0^1$
$= 7 \times (6 - 54) + 3!! \times 2 + 1 + 0!.$

$1107 = 7^1 + 6^3 + 5^2 + 4^0 + 3^6 + 2^7 + 1^5 + 0^4$
$= (-7 + 65 \times \sqrt{4}) \times 3^2 \times 1 \times 0!.$

$1108 = -7^5 + 6^2 + 5^6 + 4^3 + 3^7 + 2^1 + 1^0 + 0^4$
$= 7 \times (6 + 5) + 4 + 3 + 2^{10}.$

$1109 = 7^1 + 6^3 + 5^4 + 4^2 + 3^5 + 2^0 + 1^7 + 0^6$
$= -7 - 6 + (54 - 3) \times (21 + 0!).$

$1110 = 7^0 + 6^2 + 5^1 + 4^5 + 3^3 + 2^4 + 1^7 + 0^6$
$= 76 + 5 + \sqrt{4} + 3 + 2^{10}.$

$1111 = 7^3 + 6^0 + 5^4 + 4^1 + 3^2 + 2^7 + 1^6 + 0^5$
$= 7 + (65 + 4) \times (3! + 2) \times (1 + 0!).$

$1112 = 7^3 + 6^1 + 5^0 + 4^2 + 3^6 + 2^4 + 1^7 + 0^5$
$= -76 + 54 \times (32 - 10).$

$1113 = 7^3 + 6^1 + 5^4 + 4^0 + 3^2 + 2^7 + 1^6 + 0^5$
$= 7 \times 6 + (54 - 3) \times 21 \times 0!.$

$1114 = 7^1 - 6^2 + 5^3 + 4^4 + 3^6 + 2^5 + 1^0 + 0^7$
$= 7 \times 6 \times (5 + 4) \times 3 - 2 \times 10.$

$1115 = 7^3 - 6^0 + 5^4 + 4^2 + 3^1 + 2^7 + 1^6 + 0^5$
$= 76 + 5 + 4 + 3! + 2^{10}.$

$1116 = 7^2 + 6^1 + 5^4 + 4^3 + 3^5 + 2^7 + 1^0 + 0^6$
$= -(76 + 5) \times 4 + 3!! \times (2 + 1 - 0!).$

$1117 = 7^3 + 6^0 + 5^4 + 4^2 + 3^1 + 2^7 + 1^6 + 0^5$
$= 76 + 5 \times 4 - 3 + 2^{10}.$

$1118 = -7^3 - 6^1 + 5^4 - 4^2 + 3^6 + 2^7 + 1^0 + 0^5$
$= 76 + (\sqrt{5 + 4})! \times 3 + 2^{10}.$

$1119 = 7^3 + 6^0 + 5^2 + 4^1 + 3^6 + 2^4 + 1^7 + 0^5$
$= 7 + (6 + 5) \times 4!/3 + 2^{10}.$

$$1120 = 7^3 + 6^1 + 5^4 + 4^2 + 3^0 + 2^7 + 1^6 + 0^5$$
$$= 7 \times 6 - 5! - \sqrt{4} + (3 + 2)! \times 10.$$

$$1121 = 7^3 + 6^1 + 5^2 + 4^0 + 3^6 + 2^4 + 1^7 + 0^5$$
$$= -76 + (54 + 3) \times 21 \times 0!.$$

$$1122 = 7^0 + 6^1 + 5^3 + 4^4 + 3^6 + 2^2 + 1^7 + 0^5$$
$$= 76 - 5 + 4! + 3 + 2^{10}.$$

$$1123 = 7^2 + 6^0 + 5^1 + 4^5 + 3^3 + 2^4 + 1^7 + 0^6$$
$$= (7 \times 6 + 5) \times 4! - 3 - 2 + 1 - 0!.$$

$$1124 = 7^2 + 6^1 + 5^0 + 4^5 + 3^3 + 2^4 + 1^7 + 0^6$$
$$= -7 - 6 + 5! - 4 - 3 + 2^{10}.$$

$$1125 = 7^3 - 6^1 + 5^2 + 4^0 + 3^6 + 2^5 + 1^7 + 0^4$$
$$= 76 \times 5/4 + 3! + 2^{10}.$$

$$1126 = -7^2 - 6^3 + 5^4 + 4^1 + 3^6 + 2^5 + 1^0 + 0^7$$
$$= (7 \times 6 + 5) \times 4! + 3! + 2 - 10.$$

$$1127 = 7^3 + 6^0 + 5^1 + 4^2 + 3^6 + 2^5 + 1^7 + 0^4$$
$$= 7 \times ((6 \times (5 + 4) \times 3!/2) - 1) \times 0!.$$

$$1128 = 7^3 + 6^1 + 5^0 + 4^2 + 3^6 + 2^5 + 1^7 + 0^4$$
$$= (7 + 6 + 5! + \sqrt{4} + 3!) \times (-2 + 10).$$

$$1129 = 7^2 + 6^3 + 5^1 + 4^0 + 3^6 + 2^7 + 1^5 + 0^4$$
$$= 765 + 4 + 3!^2 \times 10.$$

$$1130 = 7^3 + 6^2 + 5^0 + 4^1 + 3^6 + 2^4 + 1^7 + 0^5$$
$$= -76 - 54 + 3! \times 210.$$

$$1131 = 7^3 + 6^2 + 5^1 + 4^0 + 3^6 + 2^4 + 1^7 + 0^5$$
$$= (7 + 6) \times (54 + 32 + 1) \times 0!.$$

$$1132 = -7^0 - 6^2 + 5^3 + 4^5 + 3^1 + 2^4 + 1^7 + 0^6$$
$$= -76 \times 5 + 4! \times 3 \times 21 \times 0!.$$

$$1133 = -7^1 + 6^0 + 5^2 + 4^5 + 3^4 + 2^3 + 1^7 + 0^6$$
$$= -76 \times 5 + 4! \times 3 \times 21 + 0!.$$

$$1134 = 7^2 - 6^4 + 5^3 + 4^1 + 3^7 + 2^6 + 1^0 + 0^5$$
$$= (76 + 5) \times (4 + 3^2 \times 1 + 0!).$$

$$1135 = 7^3 + 6^0 + 5^2 + 4^1 + 3^6 + 2^5 + 1^7 + 0^4$$
$$= -7 - 6 + 5! - \sqrt{4} + 3! + 2^{10}.$$

$$1136 = 7^0 - 6^1 + 5^2 + 4^5 + 3^3 + 2^6 + 1^7 + 0^4$$
$$= -7 + 6 + 5! - 4 - 3 + 2^{10}.$$

$$1137 = 7^3 + 6^2 + 5^4 + 4^0 + 3^1 + 2^7 + 1^6 + 0^5$$
$$= (76 \times 5 - 4 + 3) \times (2 \times 1 + 0!).$$

$$1138 = 7^3 + 6^2 + 5^4 + 4^1 + 3^0 + 2^7 + 1^6 + 0^5$$
$$= 76 \times 5/4 \times 3! \times 2 - 1 - 0!.$$

$$1139 = 7^2 + 6^3 + 5^4 + 4^1 + 3^5 + 2^0 + 1^7 + 0^6$$
$$= -7 - 6 + (5! + 4!) \times (3! + 2 \times 1) \times 0!.$$

$$1140 = 7^0 - 6^2 + 5^1 + 4^5 + 3^4 + 2^6 + 1^7 + 0^3$$
$$= -7 + 6! - 5 + 432 \times 1 \times 0!.$$

$$1141 = -7^1 + 6^2 + 5^3 + 4^4 + 3^6 + 2^0 + 1^7 + 0^5$$
$$= 7 + (6 + 5 + 43) \times 21 \times 0!.$$

$$1142 = 7^1 - 6^2 + 5^0 + 4^5 + 3^4 + 2^6 + 1^7 + 0^3$$
$$= 76 \times 5/4 \times 3! \times 2 + 1 + 0!.$$

$$1143 = -7^1 + 6^3 + 5^4 + 4^0 + 3^5 + 2^6 + 1^7 + 0^2$$
$$= 7 \times (6!/5 + \sqrt{4}) + (3 \times 2 - 1)! + 0!.$$

$$1144 = -7^1 + 6^2 + 5^0 + 4^5 + 3^4 + 2^3 + 1^7 + 0^6$$
$$= (76 - 5!) \times (4 - 32 + 1 + 0!).$$

$$1145 = -7^3 + 6^0 + 5^4 + 4^1 + 3^6 + 2^7 + 1^5 + 0^2$$
$$= 7 + 6! + 5^4 + 3 - 210.$$

$$1146 = 7^3 + 6^2 + 5^0 + 4^1 + 3^6 + 2^5 + 1^7 + 0^4$$
$$= 7 \times 6 \times (5 + 4) \times 3 + 2 + 10.$$

$$1147 = 7^3 + 6^2 + 5^1 + 4^0 + 3^6 + 2^5 + 1^7 + 0^4$$
$$= (7 \times 6 - 5) \times (-\sqrt{4} + 32 \times 1 + 0!).$$

$$1148 = 7^0 + 6^1 + 5^2 + 4^5 + 3^3 + 2^6 + 1^7 + 0^4$$
$$= -7 - 6 + 5 + (-\sqrt{4} + 3!^2)^{1+0!}.$$

$$1149 = 7^1 + 6^0 + 5^2 + 4^5 + 3^3 + 2^6 + 1^7 + 0^4$$
$$= -7 + (6 \times 5 - 4^3)^2 \times 1 \times 0!.$$

$$1150 = 7^0 + 6^2 + 5^3 + 4^4 + 3^6 + 2^1 + 1^7 + 0^5$$
$$= (7 + 6 + 5) \times (4 + 3) + 2^{10}.$$

$$1151 = 7^1 + 6^0 + 5^3 + 4^4 + 3^6 + 2^5 + 1^7 + 0^2$$
$$= -7 + 6 \times (-5 \times 4 + 3 + 210).$$

$$1152 = -7^5 + 6^3 + 5^4 + 4^7 + 3^6 + 2^2 + 1^0 + 0^1$$
$$= (7 + 65) \times (\sqrt{4^3} - 2 + 10).$$

$$1153 = -7^5 + 6^3 + 5^4 + 4^7 + 3^6 + 2^2 + 1^1 + 0^0$$
$$= (7 + 6 + 5) \times 4! + (3 \times 2)! + 1 \times 0!.$$

$$1154 = 7^0 + 6^3 + 5^4 + 4^1 + 3^5 + 2^6 + 1^7 + 0^2$$
$$= 7 \times 6 \times (5 + 4) \times 3 + 2 \times 10.$$

$$1155 = 7^1 + 6^2 + 5^3 + 4^4 + 3^6 + 2^0 + 1^7 + 0^5$$
$$= -7 + 6 \times 5! + 432 + 10.$$

$$1156 = 7^0 + 6^2 + 5^1 + 4^5 + 3^4 + 2^3 + 1^7 + 0^6$$
$$= 76 + 5! + 4! \times (3! - 2) \times 10.$$

$$1157 = 7^1 + 6^3 + 5^4 + 4^0 + 3^5 + 2^6 + 1^7 + 0^2$$
$$= -7 - 6 + 5! \times \sqrt{4^3} + 210.$$

$$1158 = 7^1 + 6^2 + 5^0 + 4^5 + 3^4 + 2^3 + 1^7 + 0^6$$
$$= -7 + 6 \times (5 \times 43 - 21) + 0!.$$

$$1159 = -7^2 + 6^3 + 5^1 + 4^4 + 3^6 + 2^0 + 1^7 + 0^5$$
$$= 7 + 6 - 54 + (3 + 2)! \times 10.$$

$$1160 = 7^1 + 6^2 + 5^0 + 4^5 + 3^3 + 2^6 + 1^7 + 0^4$$
$$= 7 - 6 + 5 \times (4! + 3) + 2^{10}.$$

$$1161 = 7^2 - 6^0 + 5^3 + 4^4 + 3^6 + 2^1 + 1^7 + 0^5$$
$$= -7 + 6! + 5! + 4! - 3!! + 2^{10}.$$

$$1162 = -7^3 + 6^1 + 5^4 + 4^2 + 3^6 + 2^7 + 1^0 + 0^5$$
$$= 76 + 543 \times 2 - 1 + 0!.$$

$$1163 = 7^2 + 6^0 + 5^3 + 4^4 + 3^6 + 2^1 + 1^7 + 0^5$$
$$= 7 + 6 + 5! + \sqrt{4} \times 3 + 2^{10}.$$

$$1164 = -7^0 + 6^3 + 5^4 + 4^2 + 3^5 + 2^6 + 1^7 + 0^1$$
$$= (7 + 6 + 5) \times 4^3 + 2 + 10.$$

$$1165 = -7^2 + 6^3 + 5^4 + 4^0 + 3^5 + 2^7 + 1^6 + 0^1$$
$$= 76 + (5 - 4 + 32)^{1+0!}.$$

$$1166 = 7^0 + 6^3 + 5^4 + 4^2 + 3^5 + 2^6 + 1^7 + 0^1$$
$$= -7 - 6 + 5! \times 4 + 3!! - 21 \times 0!.$$

$$1167 = 7^2 + 6^1 + 5^3 + 4^4 + 3^6 + 2^0 + 1^7 + 0^5$$
$$= 7 + 6! + 5 \times 43 \times 2 + 10.$$

$$1168 = -7^2 + 6^3 + 5^4 + 4^1 + 3^5 + 2^7 + 1^0 + 0^6$$
$$= -7 + 6! + 5! \times 4 - 3 - 21 - 0!.$$

$$1169 = 7^2 + 6^0 + 5^1 + 4^5 + 3^4 + 2^3 + 1^7 + 0^6$$
$$= 7 \times 65 - 4 + (3 \times 2)! - 1 - 0!.$$

$$1170 = 7^2 + 6^1 + 5^0 + 4^5 + 3^4 + 2^3 + 1^7 + 0^6$$
$$= (7 + 6) \times 5 \times (4 + 3 + 2) \times (1 + 0!).$$

$1171 = 7^2 + 6^0 + 5^1 + 4^5 + 3^3 + 2^6 + 1^7 + 0^4$
$= 7 + 6 \times (5 \times 43 - 21) \times 0!.$

$1172 = 7^2 + 6^1 + 5^0 + 4^5 + 3^3 + 2^6 + 1^7 + 0^4$
$= 76 + 543 \times 2 + 10.$

$1173 = 7^1 + 6^3 + 5^4 + 4^2 + 3^5 + 2^6 + 1^7 + 0^0$
$= 7 \times 65 - 4 + 3!! + 2 \times 1 \times 0!.$

$1174 = -7^0 - 6^3 + 5^4 + 4^1 + 3^6 + 2^5 + 1^7 + 0^2$
$= 7 + 6! + 5 + 432 + 10.$

$1175 = 7^3 + 6^2 - 5^6 + 4^7 + 3^1 + 2^5 + 1^4 + 0^0$
$= 7 + 6 + 5! + 4! - 3! + 2^{10}.$

$1176 = 7^0 - 6^3 + 5^4 + 4^1 + 3^6 + 2^5 + 1^7 + 0^2$
$= 7 \times 6 \times (5 + 43 - 21 + 0!).$

$1177 = -7^3 + 6^2 + 5^4 + 4^0 + 3^6 + 2^7 + 1^5 + 0^1$
$= 7 \times 6 + 5^4 + 3!! - 210.$

$1178 = -7^0 + 6^2 + 5^3 + 4^4 + 3^6 + 2^5 + 1^7 + 0^1$
$= (7 - 6) \times 5! \times 4 + 3!! - 21 - 0!.$

$1179 = 7^3 - 6^2 + 5^4 + 4^0 + 3^5 + 2^1 + 1^7 + 0^6$
$= 7 \times (65 + \sqrt{4}) + (3 \times 2)! - 10.$

$1180 = 7^0 + 6^2 + 5^3 + 4^4 + 3^6 + 2^5 + 1^7 + 0^1$
$= (7 - 6) \times 5! \times 4 + 3!! - 21 + 0!.$

$1181 = -7^3 + 6^2 + 5^4 + 4^1 + 3^6 + 2^7 + 1^5 + 0^0$
$= (7 + 6) \times (5 + 43 \times 2) - 1 - 0!.$

$1182 = 7^0 + 6^1 + 5^3 + 4^5 + 3^2 + 2^4 + 1^7 + 0^6$
$= 7 \times 6 + (54 + 3) \times (21 - 0!).$

$1183 = 7^1 + 6^0 + 5^3 + 4^5 + 3^2 + 2^4 + 1^7 + 0^6$
$= 7 \times (6 + 5! + 43) + 21 \times 0.$

$1184 = -7^2 - 6^1 + 5^3 + 4^4 + 3^6 + 2^7 + 1^0 + 0^5$
$= (7 + 6 \times 5) \times (4 \times 3 + 2 \times 10).$

$1185 = -7^2 + 6^0 + 5^3 + 4^5 + 3^4 + 2^1 + 1^7 + 0^6$
$= (76 + \sqrt{5 + 4}) \times (3 + 2 + 10).$

$1186 = 7^1 + 6^2 + 5^3 + 4^4 + 3^6 + 2^5 + 1^0 + 0^7$
$= (-7 + 65 - 4) \times 3 + 2^{10}.$

$1187 = 7^1 + 6^2 + 5^3 + 4^4 + 3^6 + 2^5 + 1^7 + 0^0$
$= 765 + 432 - 10.$

$1188 = 7^0 - 6^3 + 5^4 + 4^2 + 3^6 + 2^5 + 1^7 + 0^1$
$= (7 \times 6 - 5 - 4) \times 3 \times (2 + 10).$

$1189 = -7^2 + 6^1 + 5^3 + 4^5 + 3^4 + 2^0 + 1^7 + 0^6$
$= -76 + 5 + \sqrt{4} \times 3 \times 210.$

$1190 = -7^2 + 6^3 + 5^1 + 4^4 + 3^6 + 2^5 + 1^0 + 0^7$
$= (-7 + 6! - 5! + \sqrt{4}) \times (3 - 2) \times (1 + 0!).$

$1191 = -7^2 + 6^3 + 5^1 + 4^4 + 3^6 + 2^5 + 1^7 + 0^0$
$= -7 + (6! - 5!) \times \sqrt{4} - 3! + 2 + 1 + 0!.$

$1192 = -7^2 + 6^1 + 5^0 + 4^5 + 3^4 + 2^7 + 1^6 + 0^3$
$= -7 - 65 + 4 + 3! \times 210.$

$1193 = 7^2 + 6^0 + 5^3 + 4^4 + 3^6 + 2^5 + 1^7 + 0^1$
$= 7 \times (-6 + 5) + 4! \times (3 + 2) \times 10.$

$1194 = 7^1 - 6^3 + 5^4 + 4^2 + 3^6 + 2^5 + 1^0 + 0^7$
$= -7 + 6! - 543 + 2^{10}.$

$1195 = 7^1 - 6^3 + 5^4 + 4^2 + 3^6 + 2^5 + 1^7 + 0^0$
$= -(7 + 6) \times 5 + \sqrt{4} \times 3 \times 210.$

$1196 = -7^2 + 6^1 + 5^3 + 4^4 + 3^6 + 2^7 + 1^0 + 0^5$
$= 76 \times 5 + 4! \times (32 + 1 + 0!).$

$1197 = -7^2 + 6^1 + 5^3 + 4^4 + 3^6 + 2^7 + 1^5 + 0^0$
$= 7 + (-6 + 5^{\sqrt{4} \times 3/2}) \times 10.$

$1198 = 7^2 + 6^1 + 5^3 + 4^4 + 3^6 + 2^5 + 1^0 + 0^7$
$= 76 \times 5 \times 4 - 321 - 0!.$

$1199 = 7^2 + 6^3 + 5^4 + 4^0 + 3^5 + 2^6 + 1^7 + 0^1$
$= 76 \times 5 \times 4 - 321 \times 0!.$

$1200 = -7^1 + 6^3 + 5^0 + 4^4 + 3^6 + 2^2 + 1^7 + 0^5$
$= (-7 + 6 + (5 + \sqrt{4} \times 3)^2) \times 10.$

$1201 = 7^1 - 6^0 + 5^2 + 4^5 + 3^4 + 2^6 + 1^7 + 0^3$
$= 7 \times (65 + 4) + (3 \times 2)! - 1 - 0!.$

$1202 = 7^2 + 6^3 + 5^4 + 4^1 + 3^5 + 2^6 + 1^0 + 0^7$
$= 7 \times 65 + 4! + 3!! + 2 + 1 \times 0!.$

$1203 = 7^2 + 6^3 + 5^4 + 4^1 + 3^5 + 2^6 + 1^7 + 0^0$
$= -7 - 6! + 5! \times 4!/3 \times 2 + 10.$

$1204 = -7^0 + 6^2 + 5^3 + 4^5 + 3^1 + 2^4 + 1^7 + 0^6$
$= 7 \times (-6 \times 5 - \sqrt{4^3} + 210).$

$1205 = 7^5 + 6^0 - 5^6 + 4^1 + 3^2 + 2^3 + 1^7 + 0^4$
$= 7 + (6! - 5!) \times \sqrt{4} - 3 + 2 \times 1 - 0!.$

$1206 = 7^0 + 6^2 + 5^3 + 4^5 + 3^1 + 2^4 + 1^7 + 0^6$
$= 7 - 65 + 4 + 3! \times 210.$

$1207 = -7^3 + 6^4 + 5^1 + 4^0 + 3^5 + 2^2 + 1^7 + 0^6$
$= 765 + 432 + 10.$

$1208 = 7^0 + 6^3 - 5^5 + 4^6 + 3^1 + 2^4 + 1^7 + 0^2$
$= 76 \times 5 + 4 \times (-3 + 210).$

$1209 = -7^3 + 6^4 - 5^1 + 4^2 + 3^5 + 2^0 + 1^7 + 0^6$
$= (7 \times 6 - 5 + \sqrt{4}) \times (32 - 1) \times 0!.$

$1210 = 7^1 + 6^2 + 5^3 + 4^5 + 3^0 + 2^4 + 1^7 + 0^6$
$= (7 - 6) \times (5 + \sqrt{4} \times 3)^2 \times 10.$

$1211 = 7^3 - 6^1 + 5^4 + 4^0 + 3^5 + 2^2 + 1^7 + 0^6$
$= 7 \times (-6 + 5 \times (4 + 32) - 1) \times 0!.$

$1212 = 7^0 + 6^3 + 5^1 + 4^4 + 3^6 + 2^2 + 1^7 + 0^5$
$= -76 + 5! + 4! \times 3! + 2^{10}.$

$1213 = 7^1 + 6^0 + 5^2 + 4^5 + 3^3 + 2^7 + 1^6 + 0^4$
$= 76 + 5! - 4 - 3 + 2^{10}.$

$1214 = 7^1 + 6^3 + 5^0 + 4^4 + 3^6 + 2^2 + 1^7 + 0^5$
$= -7 + 6! + 5! \times 4!/3! + 21 \times 0!.$

$1215 = -7^1 - 6^0 + 5^3 + 4^5 + 3^2 + 2^6 + 1^7 + 0^4$
$= (76 + 5) \times (4 + 3 - 2 + 10).$

$1216 = -7^3 + 6^4 + 5^0 + 4^2 + 3^5 + 2^1 + 1^7 + 0^6$
$= 76 \times (5 - 4 + 3) \times (2 + 1 + 0!).$

$1217 = -7^1 + 6^0 + 5^3 + 4^5 + 3^2 + 2^6 + 1^7 + 0^4$
$= 7 \times (6 \times 5!/4 - 3) - 21 - 0!.$

$1218 = 7^0 + 6^3 + 5^4 + 4^1 + 3^5 + 2^7 + 1^6 + 0^2$
$= 7 \times 6 \times 5 + 4! \times (32 + 10).$

$1219 = 7^2 + 6^0 + 5^3 + 4^5 + 3^1 + 2^4 + 1^7 + 0^6$
$= 7 + 6 - 54 + 3! \times 210.$

$1220 = -7^0 + 6^2 + 5^1 + 4^5 + 3^3 + 2^7 + 1^6 + 0^4$
$= 76 + 5! \times (4 - 3) + 2^{10}.$

$1221 = 7^3 + 6^0 + 5^4 + 4^1 + 3^5 + 2^2 + 1^7 + 0^6$
$= 76 + 5! + 4 - 3 + 2^{10}.$

$$1222 = 7^2 + 6^1 + 5^3 + 4^5 + 3^0 + 2^4 + 1^7 + 0^6$$
$$= 7 - 65 + 4 \times 32 \times 10.$$

$$1223 = 7^3 + 6^1 + 5^4 + 4^0 + 3^5 + 2^2 + 1^7 + 0^6$$
$$= 7 \times 65 + 4^3 \times (2 + 10).$$

$$1224 = 7^3 + 6^1 + 5^0 + 4^2 + 3^6 + 2^7 + 1^5 + 0^4$$
$$= (-7 \times 6 + 5! + 4!) \times (\sqrt{3! - 2} + 10).$$

$$1225 = 7^2 + 6^0 + 5^1 + 4^5 + 3^4 + 2^6 + 1^7 + 0^3$$
$$= (-7 + 6) \times 5! + 4^3 \times 21 + 0!.$$

$$1226 = 7^2 + 6^1 + 5^0 + 4^5 + 3^4 + 2^6 + 1^7 + 0^3$$
$$= (-7 + 6! - 5! + 4! - 3! + 2) \times (1 + 0!).$$

$$1227 = -7^5 + 6^3 + 5^6 + 4^1 + 3^7 + 2^0 + 1^4 + 0^2$$
$$= -7 + (-6 + 5^4 + 3) \times 2 - 10.$$

$$1228 = -7^1 + 6^3 + 5^0 + 4^4 + 3^6 + 2^5 + 1^7 + 0^2$$
$$= (7 + 65 - 4) \times 3 + 2^{10}.$$

$$1229 = -7^1 + 6^0 + 5^3 + 4^5 + 3^4 + 2^2 + 1^7 + 0^6$$
$$= -7 + 6 \times 5! \times \sqrt{4} + 3! - 210.$$

$$1230 = 7^0 + 6^3 + 5^4 + 4^2 + 3^5 + 2^7 + 1^6 + 0^1$$
$$= (7 - 6 + 5) \times (-\sqrt{4} - 3 + 210).$$

$$1231 = 7^3 + 6^0 + 5^4 + 4^2 + 3^5 + 2^1 + 1^7 + 0^6$$
$$= 7 \times (6! - 543) + 2 - 10.$$

$$1232 = -7^0 - 6^1 + 5^3 + 4^4 + 3^6 + 2^7 + 1^5 + 0^2$$
$$= (7 - 6) \times (5^4 - 3^2) \times (1 + 0!).$$

$$1233 = 7^3 + 6^1 + 5^2 + 4^0 + 3^6 + 2^7 + 1^5 + 0^4$$
$$= -7 + (6 + 5! \times (4 - 3) - 2) \times 10.$$

$$1234 = 7^0 - 6^1 + 5^3 + 4^4 + 3^6 + 2^7 + 1^5 + 0^2$$
$$= (7 + 6) \times (5! - 4!) + 3! - 21 + 0!.$$

$$1235 = 7^3 + 6^1 + 5^4 + 4^2 + 3^5 + 2^0 + 1^7 + 0^6$$
$$= -7 + 6! + 543 - 21 \times 0!.$$

$$1236 = 7^2 + 6^1 + 5^0 + 4^5 + 3^3 + 2^7 + 1^6 + 0^4$$
$$= 76 - 5! + 4 \times 32 \times 10.$$

$$1237 = 7^1 + 6^3 + 5^4 + 4^2 + 3^5 + 2^7 + 1^6 + 0^0$$
$$= 7 + 6! + 5 + 4 \times 3! \times 21 + 0!.$$

$$1238 = -7^0 + 6^3 + 5^1 + 4^4 + 3^6 + 2^5 + 1^7 + 0^2$$
$$= -76 + 54 + 3! \times 210.$$

$$1239 = -7^5 + 6^3 + 5^6 + 4^2 + 3^7 + 2^0 + 1^4 + 0^1$$
$$= (-7 + 65) \times (4! - 3) + 21 \times 0!.$$

$$1240 = 7^0 + 6^3 + 5^1 + 4^4 + 3^6 + 2^5 + 1^7 + 0^2$$
$$= (-76 + (5! - 4) \times 3!) \times 2 \times 1 \times 0!.$$

$$1241 = -7^5 + 6^3 + 5^6 + 4^2 + 3^7 + 2^1 + 1^4 + 0^0$$
$$= 7 - 6 + (5! + \sqrt{4} \times 3 - 2) \times 10.$$

$$1242 = 7^3 + 6^2 + 5^0 + 4^1 + 3^6 + 2^7 + 1^5 + 0^4$$
$$= 7 + 6 + 5 + 4! + (3 + 2)! \times 10.$$

$$1243 = 7^3 + 6^2 + 5^1 + 4^0 + 3^6 + 2^7 + 1^5 + 0^4$$
$$= 7 \times 6 \times 5!/4 + 3 - 21 + 0!.$$

$$1244 = -7^1 + 6^2 + 5^3 + 4^5 + 3^0 + 2^6 + 1^7 + 0^4$$
$$= -7 + 6! + 543 - 2 - 10.$$

$$1245 = 7^3 - 6^4 + 5^1 + 4^0 + 3^7 + 2^2 + 1^6 + 0^5$$
$$= 7 + 65 \times 4! - 321 - 0!.$$

$$1246 = 7^0 + 6^1 + 5^3 + 4^4 + 3^6 + 2^7 + 1^5 + 0^2$$
$$= 7 \times (6! - 543 + 2 - 1) \times 0!.$$

$$1247 = 7^1 + 6^0 + 5^3 + 4^4 + 3^6 + 2^7 + 1^5 + 0^2$$
$$= (7 + 6) \times (5 + 43) \times 2 - 1 \times 0!.$$

$$1248 = 7^5 + 6^1 - 5^6 + 4^2 + 3^3 + 2^4 + 1^0 + 0^7$$
$$= (7 + 6) \times (54 + 32 + 10).$$

$$1249 = 7^5 + 6^2 - 5^6 + 4^0 + 3^3 + 2^1 + 1^7 + 0^4$$
$$= -7 + 6 + 5^{\sqrt{4}} \times (3 + 2) \times 10.$$

$$1250 = 7^1 - 6^2 + 5^3 + 4^5 + 3^0 + 2^7 + 1^6 + 0^4$$
$$= (-7 - 6 + 5! + 4! - 3 \times 2) \times 10.$$

$$1251 = 7^3 + 6^2 + 5^4 + 4^0 + 3^5 + 2^1 + 1^7 + 0^6$$
$$= 7 - 6 + 5^{\sqrt{4}} \times (3 + 2) \times 10.$$

$$1252 = -7^2 + 6^1 + 5^3 + 4^5 + 3^4 + 2^6 + 1^0 + 0^7$$
$$= 7 - 6 + 5^4 \times (3 - 2 + 1) + 0!.$$

$$1253 = 7^3 + 6^2 + 5^4 + 4^1 + 3^5 + 2^0 + 1^7 + 0^6$$
$$= 7 \times 6 \times 5!/4 - 3 - 2 - 1 - 0!.$$

$$1254 = 7^2 + 6^3 + 5^0 + 4^4 + 3^6 + 2^1 + 1^7 + 0^5$$
$$= 7 \times 6 \times 5!/4 - 3 - 2 - 1 - 0!.$$

$$1255 = -7^5 + 6^3 + 5^6 + 4^2 + 3^7 + 2^4 + 1^1 + 0^0$$
$$= 7 - 6! + 5! + 43^2 \times 1 - 0!.$$

$$1256 = -7^4 - 6^3 + 5^5 + 4^2 + 3^6 + 2^1 + 1^0 + 0^7$$
$$= 7 \times (6 + 54) \times 3 - 2 - 1 - 0!.$$

$$1257 = 7^2 + 6^3 + 5^1 + 4^4 + 3^6 + 2^0 + 1^7 + 0^5$$
$$= 7 - 6 \times 5 + 4^3 \times 2 \times 10.$$

$$1258 = 7^1 + 6^2 + 5^3 + 4^5 + 3^0 + 2^6 + 1^7 + 0^4$$
$$= (7 + 6) \times 54/3 + 2^{10}.$$

$$1259 = 7^5 + 6^0 - 5^6 + 4^3 + 3^2 + 2^1 + 1^7 + 0^4$$
$$= -7 + 6! + 543 + 2 + 1 \times 0!.$$

$$1260 = 7^0 + 6^3 + 5^2 + 4^4 + 3^6 + 2^5 + 1^7 + 0^1$$
$$= 7 \times (6 + 54) \times 3 + 21 \times 0.$$

$$1261 = -7^1 + 6^2 + 5^3 + 4^5 + 3^4 + 2^0 + 1^7 + 0^6$$
$$= 7 \times (6 \times 5!/4 - 3) + 21 + 0!.$$

$$1262 = -7^2 + 6^3 + 5^1 + 4^5 + 3^0 + 2^6 + 1^7 + 0^4$$
$$= -7 + 6 \times (5 \times 43) - 21 \times 0!.$$

$$1263 = 7^2 + 6^3 + 5^4 + 4^0 + 3^5 + 2^7 + 1^6 + 0^1$$
$$= 7 \times 6 \times 5^{\sqrt{4}} + 3 + 210.$$

$$1264 = -7^1 + 6^2 + 5^0 + 4^5 + 3^4 + 2^7 + 1^6 + 0^3$$
$$= 76 + 54 \times (32 - 10).$$

$$1265 = -7^5 + 6^0 + 5^6 + 4^4 + 3^7 + 2^1 + 1^3 + 0^2$$
$$= 7 \times 6 \times 5!/4 + 3! - 2 \times 1 + 0!.$$

$$1266 = 7^2 + 6^3 + 5^4 + 4^1 + 3^5 + 2^7 + 1^0 + 0^6$$
$$= 7 - 6 + 5 \times (43 + 210).$$

$$1267 = 7^2 + 6^3 + 5^4 + 4^1 + 3^5 + 2^7 + 1^6 + 0^0$$
$$= -7 + 6! + 5! + 432 + 1 + 0!.$$

$$1268 = -7^1 + 6^2 + 5^3 + 4^4 + 3^6 + 2^7 + 1^0 + 0^5$$
$$= -7 + 6! - 5! - 4! + 3!! - 21 \times 0!.$$

$$1269 = -7^5 + 6^1 + 5^6 + 4^4 + 3^7 + 2^0 + 1^3 + 0^2$$
$$= (7 - 6 + 5)^4 - 3^{2+1} \times 0!.$$

$$1270 = 7^2 + 6^1 + 5^3 + 4^5 + 3^0 + 2^6 + 1^7 + 0^4$$
$$= (76 \times 5/4 + 32) \times 10.$$

$$1271 = -7^5 + 6^0 + 5^6 + 4^4 + 3^7 + 2^3 + 1^2 + 0^1$$
$$= 765 - 4 + 3!! - 210.$$

$$1272 = 7^0 + 6^3 + 5^1 + 4^5 + 3^2 + 2^4 + 1^7 + 0^6$$
$$= (76 + 5!/4) \times 3 \times 2 \times (1 + 0!).$$

$$1273 = -7^5 + 6^1 + 5^6 + 4^4 + 3^7 + 2^2 + 1^3 + 0^0$$
$$= 7 + 6! + 543 + 2 + 1 \times 0!.$$

$$1274 = 7^1 + 6^3 + 5^0 + 4^5 + 3^2 + 2^4 + 1^7 + 0^6$$
$$= -76 - 5! + (4 + 3) \times 210.$$

$$1275 = 7^1 + 6^2 + 5^3 + 4^5 + 3^4 + 2^0 + 1^7 + 0^6$$
$$= 7 \times 6 \times 5!/4 - 3! + 21 \times 0!.$$

$$1276 = 7^0 + 6^2 + 5^3 + 4^4 + 3^6 + 2^7 + 1^5 + 0^1$$
$$= (7 + 6 + 5^4) \times (-3! - 2 + 10).$$

$$1277 = -7^5 + 6^1 + 5^6 + 4^4 + 3^7 + 2^3 + 1^2 + 0^0$$
$$= -7 + 654 + 3 \times 210.$$

$$1278 = 7^1 + 6^2 + 5^0 + 4^5 + 3^4 + 2^7 + 1^6 + 0^3$$
$$= (7 - 6) \times (-5 + 4 \times 321) - 0!.$$

$$1279 = -7^2 + 6^3 + 5^1 + 4^5 + 3^4 + 2^0 + 1^7 + 0^6$$
$$= (-7 + 6) \times 5 + 4 \times 321 \times 0!.$$

$$1280 = -7^0 - 6^1 + 5^3 + 4^5 + 3^2 + 2^7 + 1^6 + 0^4$$
$$= (-7 + 65 \times \sqrt{4} + 3 + 2) \times 10.$$

$$1281 = 7^3 + 6^0 + 5^4 + 4^1 + 3^5 + 2^6 + 1^7 + 0^2$$
$$= -7 + 6 \times (5 \times 43 - 2) + 10.$$

$$1282 = 7^1 + 6^2 + 5^3 + 4^4 + 3^6 + 2^7 + 1^0 + 0^5$$
$$= 76 - 54 + 3! \times 210.$$

$$1283 = 7^3 + 6^1 + 5^4 + 4^0 + 3^5 + 2^6 + 1^7 + 0^2$$
$$= -7 + 6! + 5!/4 \times (-3 + 21 + 0!).$$

$$1284 = 7^2 + 6^3 + 5^0 + 4^4 + 3^6 + 2^5 + 1^7 + 0^1$$
$$= (7 \times 6 \times 5 + 4) \times 3! \times (2 \times 1 - 0!).$$

$$1285 = 7^2 + 6^3 - 5^6 + 4^7 + 3^5 + 2^4 + 1^1 + 0^0$$
$$= (7 - 6) \times 5 + 4 \times 32 \times 10.$$

$$1286 = 7^0 + 6^3 + 5^2 + 4^5 + 3^1 + 2^4 + 1^7 + 0^6$$
$$= (7 + 65) \times (4! - 3 \times 2) - 10.$$

$$1287 = 7^2 + 6^1 + 5^3 + 4^5 + 3^4 + 2^0 + 1^7 + 0^6$$
$$= 7 \times 6 \times 5!/4 + 3! + 21 \times 0!.$$

$$1288 = 7^2 + 6^3 + 5^1 + 4^4 + 3^6 + 2^5 + 1^0 + 0^7$$
$$= (76 - 5 \times 4) \times (3 + 2 \times 10).$$

$$1289 = 7^2 + 6^3 + 5^1 + 4^4 + 3^6 + 2^5 + 1^7 + 0^0$$
$$= -7 + 6! - 54 + 3 \times 210.$$

$$1290 = 7^2 + 6^1 + 5^0 + 4^5 + 3^4 + 2^7 + 1^6 + 0^3$$
$$= (76 + 54 - 3 + 2) \times 10.$$

$$1291 = -7^3 + 6^4 + 5^2 + 4^1 + 3^5 + 2^6 + 1^7 + 0^0$$
$$= (7 \times 65 - 4!) \times 3 - 2 \times 1 \times 0!.$$

$$1292 = -7^0 + 6^1 + 5^3 + 4^5 + 3^2 + 2^7 + 1^6 + 0^4$$
$$= (7 + 65 - 4) \times (3^2 + 10).$$

$$1293 = 7^3 + 6^0 + 5^4 + 4^2 + 3^5 + 2^6 + 1^7 + 0^1$$
$$= 76 \times (5 - 4! + 3!^2 \times 1) + 0!.$$

$$1294 = 7^2 + 6^1 + 5^3 + 4^4 + 3^6 + 2^7 + 1^0 + 0^5$$
$$= (7 + 6) \times 5! - 4^{3!-2} - 10.$$

$$1295 = 7^2 + 6^1 + 5^3 + 4^4 + 3^6 + 2^7 + 1^5 + 0^0$$
$$= -7 + 6 \times (5 \times 43 + 2 \times 1) \times 0!.$$

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

$$1297 = 7^3 - 6^4 + 5^2 + 4^1 + 3^7 + 2^5 + 1^6 + 0^0$$
$$= 7 + 6! + 5!/4 \times (-3 + 21 + 0!).$$

$$1298 = 7^3 + 6^1 + 5^4 + 4^2 + 3^5 + 2^6 + 1^0 + 0^7$$
$$= (-7 + 654 + 3) \times 2 - 1 - 0!.$$

$$1299 = 7^3 + 6^1 + 5^4 + 4^2 + 3^5 + 2^6 + 1^7 + 0^0$$
$$= 7 - 6!/5 + (-4 + 3!! + 2) \times (1 + 0!).$$

$$1300 = -7^5 + 6^2 + 5^6 + 4^4 + 3^7 + 2^1 + 1^0 + 0^3$$
$$= -76 \times 5 + 4!/3 \times 210.$$

$$1301 = -7^5 + 6^2 + 5^6 + 4^4 + 3^7 + 2^1 + 1^3 + 0^0$$
$$= 7 + 6 \times 5 \times 43 + 2 + 1 + 0!.$$

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

$$1303 = 7^1 + 6^0 + 5^3 + 4^5 + 3^4 + 2^6 + 1^7 + 0^2$$
$$= -7 + 6 \times 5 + 4^3 \times 2 \times 10.$$

$$1304 = 7^3 - 6^4 + 5^0 + 4^1 + 3^7 + 2^6 + 1^5 + 0^2$$
$$= -7 + 6 \times 5 \times 43 + 21 + 0.$$

$$1305 = 7^3 - 6^4 + 5^1 + 4^0 + 3^7 + 2^6 + 1^5 + 0^2$$
$$= -7 \times 6 + 5^4 + 3!! + 2 \times 1 + 0.$$

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

$$1307 = -7^5 + 6^2 + 5^6 + 4^4 + 3^7 + 2^3 + 1^1 + 0^0$$
$$= -7 + 6! + 54 \times (3! \times 2 - 1) \times 0!.$$

$$1308 = -7^1 + 6^3 + 5^0 + 4^5 + 3^2 + 2^6 + 1^7 + 0^4$$
$$= -7 + 6! - 5! - \sqrt{4} + 3!! - 2 \times 1 - 0!.$$

$$1309 = 7^3 - 6^2 + 5^4 + 4^1 + 3^5 + 2^7 + 1^6 + 0^0$$
$$= 7 \times 6 + 5 + \sqrt{4} + 3! \times 210.$$

$$1310 = 7^2 + 6^3 + 5^0 + 4^5 + 3^1 + 2^4 + 1^7 + 0^6$$
$$= (76 + 54 + 3 - 2) \times 10.$$

$$1311 = -7^2 + 6^0 + 5^3 + 4^5 + 3^4 + 2^7 + 1^6 + 0^1$$
$$= -7 + (654 + 3!) \times 2 - 1 - 0!.$$

$$1312 = 7^2 + 6^3 + 5^1 + 4^5 + 3^0 + 2^4 + 1^7 + 0^6$$
$$= (7 \times 6 + 5! - 4 + 3!) \times (-2 + 10).$$

$$1313 = 7^3 + 6^2 + 5^4 + 4^0 + 3^5 + 2^6 + 1^7 + 0^1$$
$$= -7 + (654 + 3!) \times 2 + 1 - 0!.$$

$$1314 = 7^0 + 6^4 - 5^3 + 4^1 + 3^2 + 2^7 + 1^6 + 0^5$$
$$= -7 + (654 + 3!) \times 2 + 1 \times 0!.$$

$$1315 = -7^3 + 6^0 + 5^4 + 4^5 + 3^1 + 2^2 + 1^7 + 0^6$$
$$= 76 + 5 \times 43 + 2^{10}.$$

$$1316 = 7^3 + 6^2 + 5^4 + 4^1 + 3^5 + 2^6 + 1^0 + 0^7$$
$$= (-7 + 6! + 5 - 4! - 3!^2) \times (1 + 0!).$$

$$1317 = 7^3 + 6^2 + 5^4 + 4^1 + 3^5 + 2^6 + 1^7 + 0^0$$
$$= -7 - 6 + (5 \times (4! + 3) - 2) \times 10.$$

$$1318 = 7^0 + 6^2 + 5^3 + 4^5 + 3^1 + 2^7 + 1^6 + 0^4$$
$$= (7 \times 6 + 5) \times (-4 + 32) + 1 + 0!.$$

$$1319 = -7^3 + 6^0 + 5^4 + 4^5 + 3^2 + 2^1 + 1^7 + 0^6$$
$$= -7 + 6 + 5! \times (-4 + 3 + 2 + 10).$$

$$1320 = 7^0 + 6^3 + 5^1 + 4^5 + 3^2 + 2^6 + 1^7 + 0^4$$
$$= (76 + 5! + 4!) \times 3! + 21 \times 0.$$

$$1321 = -7^2 + 6^1 + 5^4 + 4^0 + 3^6 + 2^3 + 1^7 + 0^5$$
$$= (7 + 6!/5) \times 4 + 3!! - (2 + 1) \times 0!.$$

$$1322 = 7^1 + 6^3 + 5^0 + 4^5 + 3^2 + 2^6 + 1^7 + 0^4$$
$$= (7 + 654) \times (3 - 2 + 1) \times 0!.$$

$$1323 = -7^3 + 6^1 + 5^4 + 4^5 + 3^2 + 2^0 + 1^7 + 0^6$$
$$= (-7 \times 6 + 5! \times 4 + 3) \times (2 \times 1 + 0!).$$

$$1324 = -7^2 + 6^3 + 5^0 + 4^5 + 3^1 + 2^7 + 1^6 + 0^4$$
$$= -76 + 5! + 4 \times 32 \times 10.$$

$$1325 = -7^1 + 6^2 + 5^3 + 4^5 + 3^4 + 2^6 + 1^7 + 0^0$$
$$= (7 + 6) \times 5 + \sqrt{4} \times 3 \times 210.$$

$$1326 = -7^2 + 6^3 + 5^1 + 4^5 + 3^0 + 2^7 + 1^6 + 0^4$$
$$= (7 + 654 + 3) \times 2 - 1 - 0!.$$

$$1327 = 7^5 + 6^1 - 5^6 + 4^0 + 3^2 + 2^7 + 1^4 + 0^3$$
$$= 7 + 6 + 54 + 3! \times 210.$$

$$1328 = 7^3 - 6^4 + 5^2 + 4^1 + 3^7 + 2^6 + 1^0 + 0^5$$
$$= (7 + 654 + 3) \times 2 \times 1 \times 0!.$$

$$1329 = 7^3 - 6^4 + 5^2 + 4^1 + 3^7 + 2^6 + 1^5 + 0^0$$
$$= (7 + 654 + 3) \times 2 + 1 \times 0!.$$

$$1330 = -7^3 + 6^4 + 5^0 + 4^1 + 3^5 + 2^7 + 1^6 + 0^2$$
$$= -7 + 6! + 5^4 - 3 \times (2 + 1) + 0!.$$

$$1331 = 7^2 + 6^0 + 5^3 + 4^5 + 3^1 + 2^7 + 1^6 + 0^4$$
$$= 7 \times 6 + 5 + 4 \times 321 \times 0!.$$

$$1332 = 7^0 + 6^3 + 5^1 + 4^5 + 3^4 + 2^2 + 1^7 + 0^6$$
$$= (7 + 6! - 5!/(-4 + 3!)) \times 2 - 1 - 0!.$$

$$1333 = -7^2 - 6^1 + 5^4 + 4^0 + 3^6 + 2^5 + 1^7 + 0^3$$
$$= (7 + 6! - 5!/(-4 + 3!)) \times 2 - 1 \times 0!.$$

$$1334 = 7^2 + 6^1 + 5^3 + 4^5 + 3^0 + 2^7 + 1^6 + 0^4$$
$$= (7 + 6! - 5!/(-4 + 3!)) \times 2 - 1 + 0!.$$

$$1335 = 7^3 - 6^1 + 5^4 + 4^0 + 3^5 + 2^7 + 1^6 + 0^2$$
$$= 7 \times (6 + 5) \times 4 + 3 + 2^{10}.$$

$$1336 = 7^0 + 6^3 + 5^1 + 4^4 + 3^6 + 2^7 + 1^5 + 0^2$$
$$= (7 + 6 - 5) \times (-43 + 210).$$

$$1337 = 7^3 - 6^0 + 5^1 + 4^4 + 3^6 + 2^2 + 1^7 + 0^5$$
$$= -7 + 6!/5 + 4! \times (3 + 2) \times 10.$$

$$1338 = 7^1 + 6^3 + 5^2 + 4^5 + 3^0 + 2^6 + 1^7 + 0^4$$
$$= -7 + 65 + 4 \times 32 \times 10.$$

$$1339 = 7^3 + 6^0 + 5^1 + 4^4 + 3^6 + 2^2 + 1^7 + 0^5$$
$$= 7 + 6 \times (5 + 4 + 3 + 210).$$

$$1340 = 7^3 + 6^1 + 5^0 + 4^4 + 3^6 + 2^2 + 1^7 + 0^5$$
$$= (76 + 54 + 3! - 2) \times 10.$$

$$1341 = -7^1 + 6^3 + 5^2 + 4^5 + 3^4 + 2^0 + 1^7 + 0^6$$
$$= 76 + 5 \times (43 + 210).$$

$$1342 = -7^3 + 6^4 + 5^0 + 4^2 + 3^5 + 2^7 + 1^6 + 0^1$$
$$= -76 + 5! \times 4 \times 3 - 21 - 0!.$$

$$1343 = -7^2 + 6^3 + 5^1 + 4^5 + 3^4 + 2^6 + 1^7 + 0^0$$
$$= 7 + 6! + 5^4 - 3^2 + 1 - 0!.$$

$$1344 = -7^2 + 6^4 + 5^0 + 4^1 + 3^3 + 2^6 + 1^7 + 0^5$$
$$= 7 \times (-6 + 54) \times (3 \times 2 - 1 - 0!).$$

$$1345 = 7^3 + 6^0 + 5^4 + 4^1 + 3^5 + 2^7 + 1^6 + 0^2$$
$$= 7 + 6! + 5^4 - 3^2 + 1 + 0!.$$

$$1346 = -7^3 + 6^4 + 5^1 + 4^2 + 3^5 + 2^7 + 1^0 + 0^6$$
$$= (7 + 6 \times 5)^{\sqrt{4}} - 3 - 2 \times 10.$$

$$1347 = 7^3 + 6^1 + 5^4 + 4^0 + 3^5 + 2^7 + 1^6 + 0^2$$
$$= (7 \times 65 - \sqrt{4} \times 3) \times (2 + 1) \times 0!.$$

$$1348 = -7^2 + 6^4 + 5^0 + 4^3 + 3^1 + 2^5 + 1^7 + 0^6$$
$$= 7 - 6 + 5^4 + 3!! + 2 \times 1 \times 0!.$$

$$1349 = -7^1 + 6^3 + 5^2 + 4^4 + 3^6 + 2^7 + 1^5 + 0^0$$
$$= -7 + 6 - 5! + (4 + 3) \times 210.$$

$$1350 = 7^2 + 6^1 + 5^3 + 4^5 + 3^4 + 2^6 + 1^0 + 0^7$$
$$= 7 + (65 - 4 + 3) \times 21 - 0!.$$

$$1351 = 7^2 + 6^1 + 5^3 + 4^5 + 3^4 + 2^6 + 1^7 + 0^0$$
$$= 7 \times (65 + 4 \times 32 \times 1) \times 0!.$$

$$1352 = 7^3 - 6^2 + 5^0 + 4^5 + 3^1 + 2^4 + 1^7 + 0^6$$
$$= 7 + 65 + 4 \times 32 \times 10.$$

$$1353 = -7^1 + 6^0 + 5^3 + 4^5 + 3^4 + 2^7 + 1^6 + 0^2$$
$$= (7 \times 65 - 4) \times 3 \times (2 - 1) \times 0!.$$

$$1354 = -7^3 + 6^4 + 5^2 + 4^1 + 3^5 + 2^7 + 1^0 + 0^6$$
$$= 7 + 6! - 5 + \sqrt{4} + 3 \times 210.$$

$$1355 = 7^1 + 6^3 + 5^2 + 4^5 + 3^4 + 2^0 + 1^7 + 0^6$$
$$= 7 + 6 \times 5! - \sqrt{4} + 3 \times 210.$$

$$1356 = 7^0 + 6^3 + 5^2 + 4^4 + 3^6 + 2^7 + 1^5 + 0^1$$
$$= (7 \times (-6 + 54) + 3) \times (2 + 1 + 0!).$$

$$1357 = 7^3 + 6^0 + 5^4 + 4^2 + 3^5 + 2^7 + 1^6 + 0^1$$
$$= (-7 + 6 \times 5) \times (-4 + 3 \times 21) \times 0!.$$

$$1358 = 7^2 + 6^3 + 5^0 + 4^5 + 3^1 + 2^6 + 1^7 + 0^4$$
$$= (7 \times 6 - 5)^{\sqrt{4}} - 3! \times 2 + 1 \times 0!.$$

$$1359 = 7^1 - 6^2 + 5^4 + 4^0 + 3^6 + 2^5 + 1^7 + 0^3$$
$$= (7 - 6 + 5 - 43)^2 - 10.$$

$$1360 = 7^2 + 6^3 + 5^1 + 4^5 + 3^0 + 2^6 + 1^7 + 0^4$$
$$= (76 + 54 + 3 \times 2) \times 10.$$

$$1361 = 7^3 + 6^1 + 5^2 + 4^4 + 3^6 + 2^0 + 1^7 + 0^5$$
$$= 7 + 6 + 5 + 4^3 \times 21 - 0!.$$

$$1362 = 7^3 + 6^1 + 5^4 + 4^2 + 3^5 + 2^7 + 1^0 + 0^6$$
$$= 7 + 6 + 5 + 4^3 \times 21 \times 0!.$$

$$1363 = 7^3 + 6^1 + 5^4 + 4^2 + 3^5 + 2^7 + 1^6 + 0^0$$
$$= 7 + 6 \times 5 \times \sqrt{4} + 3!^{2+1+0!}.$$

$$1364 = -7^0 + 6^1 + 5^3 + 4^5 + 3^4 + 2^7 + 1^6 + 0^2$$
$$= (7 + 6 \times 5! - 43 - 2) \times (1 + 0!).$$

$$1365 = 7^3 - 6^0 + 5^1 + 4^4 + 3^6 + 2^5 + 1^7 + 0^2$$
$$= 76 + 5 + 4 \times 321 \times 0!.$$

$$1366 = 7^0 + 6^1 + 5^3 + 4^5 + 3^4 + 2^7 + 1^6 + 0^2$$
$$= -7 + 654 + 3!! \times (2 - 1) - 0!.$$

$$1367 = 7^3 + 6^0 + 5^1 + 4^4 + 3^6 + 2^5 + 1^7 + 0^2$$
$$= -76 + (-5 + 43)^2 - 1 \times 0!.$$

$$1368 = 7^3 + 6^2 + 5^0 + 4^4 + 3^6 + 2^1 + 1^7 + 0^5$$
$$= -76 + (-5 + 43)^2 \times 1 \times 0!.$$

$$1369 = 7^3 + 6^1 - 5^6 + 4^7 + 3^5 + 2^4 + 1^2 + 0^0$$
$$= (-7 + 65) \times 4! - 3 - 2 \times 10.$$

$$1370 = -7^4 - 6^3 + 5^5 + 4^1 + 3^6 + 2^7 + 1^0 + 0^2$$
$$= 76 \times 54/3 + 2 - 1 + 0!.$$

$$1371 = 7^3 + 6^2 + 5^1 + 4^4 + 3^6 + 2^0 + 1^7 + 0^5$$
$$= 7 + 6! + 5^4 - 3 + 21 + 0!.$$

$$1372 = -7^1 + 6^3 + 5^0 + 4^5 + 3^2 + 2^7 + 1^6 + 0^4$$
$$= 76 + 54 \times (3 + 21) \times 0!.$$

$$1373 = -7^2 + 6^0 + 5^4 + 4^3 + 3^6 + 2^1 + 1^7 + 0^5$$
$$= 76 + 54 \times (3 + 21) + 0!.$$

$$1374 = 7^2 + 6^3 + 5^0 + 4^5 + 3^4 + 2^1 + 1^7 + 0^6$$
$$= (-7 + 65) \times 4! + 3 - 21 \times 0!.$$

$$1375 = -7^3 + 6^0 + 5^4 + 4^5 + 3^1 + 2^6 + 1^7 + 0^2$$
$$= (7 - 6 + 54) \times (3 + 21 + 0!).$$

$$1376 = -7^0 + 6^4 + 5^1 + 4^2 + 3^3 + 2^5 + 1^7 + 0^6$$
$$= (76 + 5!) \times (4 + 3) + 2 + 1 + 0!.$$

$$1377 = 7^3 + 6^2 + 5^4 + 4^0 + 3^5 + 2^7 + 1^6 + 0^1$$
$$= (-7 + 65) \times 4! - 3 - 2 - 10.$$

$$1378 = 7^0 + 6^4 + 5^1 + 4^2 + 3^3 + 2^5 + 1^7 + 0^6$$
$$= (-7 + 6! - 5 - 4! + 3 + 2) \times (1 + 0!).$$

$$1379 = -7^3 - 6^0 + 5^4 + 4^5 + 3^2 + 2^6 + 1^7 + 0^1$$
$$= (7 - 6 + 5 - 43)^2 + 10.$$

$$1380 = 7^3 + 6^2 + 5^4 + 4^1 + 3^5 + 2^7 + 1^0 + 0^6$$
$$= (-7 \times 6 + 5)^{\sqrt{4}} + 3! \times 2 - 1 \times 0!.$$

$$1381 = 7^3 + 6^2 + 5^4 + 4^1 + 3^5 + 2^7 + 1^6 + 0^0$$
$$= 7 + 6 + (-5 + 4!) \times 3!^2 \times (1 + 0!).$$

$$1382 = -7^2 + 6^4 + 5^1 + 4^3 + 3^0 + 2^6 + 1^7 + 0^5$$
$$= (76 - 5) \times 4! - 321 - 0!.$$

$$1383 = -7^4 - 6^3 + 5^5 + 4^2 + 3^6 + 2^7 + 1^1 + 0^0$$
$$= (-7 + 65) \times 4! + 3 - 2 - 10.$$

$$1384 = 7^2 + 6^3 + 5^1 + 4^4 + 3^6 + 2^7 + 1^0 + 0^5$$
$$= 76 \times (-5 + 4!) - 3 \times 2 \times 10.$$

$$1385 = 7^2 + 6^3 + 5^1 + 4^4 + 3^6 + 2^7 + 1^5 + 0^0$$
$$= 7 \times (6 + 5!) + 4 \times 3! \times 21 - 0!.$$

$$1386 = 7^1 + 6^3 + 5^0 + 4^5 + 3^2 + 2^7 + 1^6 + 0^4$$
$$= 7 \times (-6 - 5 - 4 + 3 + 210).$$

$$1387 = 7^3 + 6^0 + 5^2 + 4^4 + 3^6 + 2^5 + 1^7 + 0^1$$
$$= (76 - \sqrt{5 + 4}) \times (3^2 + 10).$$

$$1388 = -7^1 + 6^3 + 5^2 + 4^5 + 3^0 + 2^7 + 1^6 + 0^4$$
$$= (7 + 6) \times (5! - 4) - 3! \times 2 \times 10.$$

$$1389 = 7^1 + 6^4 + 5^2 + 4^0 + 3^3 + 2^5 + 1^7 + 0^6$$
$$= -76 - 5 + (4 + 3) \times 210.$$

$$1390 = -7^0 + 6^3 + 5^1 + 4^5 + 3^4 + 2^6 + 1^7 + 0^2$$
$$= 76 \times 5 \times \sqrt{4} + 3 \times 210.$$

$$1391 = 7^1 - 6^2 + 5^4 + 4^3 + 3^6 + 2^0 + 1^7 + 0^5$$
$$= 7 + 6! - 54 + (3 \times 2)! - 1 - 0!.$$

$$1392 = 7^3 + 6^1 + 5^2 + 4^4 + 3^6 + 2^5 + 1^0 + 0^7$$
$$= (7 + 6 \times 5)^{\sqrt{4}} + 3 + 2 \times 10.$$

$$1393 = 7^3 + 6^1 + 5^2 + 4^4 + 3^6 + 2^5 + 1^7 + 0^0$$
$$= 7 \times (6 \times 5!/4 - 3 + 21 + 0!).$$

$$1394 = 7^1 + 6^3 + 5^0 + 4^5 + 3^4 + 2^6 + 1^7 + 0^2$$
$$= (-76 + 5 + 4! \times 32) \times (1 + 0!).$$

$$1395 = -7^1 - 6^0 + 5^4 + 4^2 + 3^6 + 2^5 + 1^7 + 0^3$$
$$= -7 + 6 \times 5! \times \sqrt{4} - 3! - \sqrt{2^{10}}.$$

$$1396 = 7^0 + 6^2 + 5^3 + 4^5 + 3^4 + 2^7 + 1^6 + 0^1$$
$$= (76 + 5^4 - 3) \times 2 \times 1 \times 0!.$$

$$1397 = -7^1 + 6^0 + 5^4 + 4^2 + 3^6 + 2^5 + 1^7 + 0^3$$
$$= -7 \times 6 + 5 + (-4 + 3!!) \times 2 + 1 + 0!.$$

$$1398 = 7^3 + 6^2 + 5^0 + 4^4 + 3^6 + 2^5 + 1^7 + 0^1$$
$$= -7 - 65 + (4 + 3) \times 210.$$

$$1399 = 7^3 + 6^0 + 5^1 + 4^5 + 3^2 + 2^4 + 1^7 + 0^6$$
$$= -76 + 5 + (4 + 3) \times 210.$$

$$1400 = 7^3 + 6^1 + 5^0 + 4^5 + 3^2 + 2^4 + 1^7 + 0^6$$
$$= 7 \times (-6! + (5! - \sqrt{4} - 3) \times (-2 + 10)).$$

$$1401 = -7^2 - 6^0 + 5^4 + 4^3 + 3^6 + 2^5 + 1^7 + 0^1$$
$$= (765 - 4^3) \times 2 \times 1 - 0!.$$

$$1402 = 7^3 + 6^2 + 5^1 + 4^4 + 3^6 + 2^5 + 1^0 + 0^7$$
$$= (7 + 6) \times 54 + 3!! - 2 \times 10.$$

$$1403 = 7^3 + 6^2 + 5^1 + 4^4 + 3^6 + 2^5 + 1^7 + 0^0$$
$$= 76 \times 5 - 4 + 3 + 2^{10}.$$

$$1404 = 7^0 + 6^2 + 5^4 + 4^1 + 3^6 + 2^3 + 1^7 + 0^5$$
$$= 76 \times 5 + 4^{3+2} \times 1 \times 0!.$$

$$1405 = -7^1 + 6^3 + 5^2 + 4^5 + 3^4 + 2^6 + 1^7 + 0^0$$
$$= 7 - 6 + 5! + 4 \times 321 \times 0!.$$

$$1406 = -7^2 + 6^3 + 5^1 + 4^5 + 3^4 + 2^7 + 1^0 + 0^6$$
$$= -7 - 6 + 5! \times 4 \times 3 - 21 \times 0!.$$

$$1407 = 7^1 + 6^2 + 5^4 + 4^0 + 3^6 + 2^3 + 1^7 + 0^5$$
$$= 765 + \sqrt{4} \times 321 \times 0!.$$

$$1408 = 7^0 + 6^4 + 5^1 + 4^3 + 3^2 + 2^5 + 1^7 + 0^6$$
$$= (7 + 65) \times 4! - 32 \times 10.$$

$$1409 = 7^2 + 6^0 + 5^3 + 4^5 + 3^4 + 2^7 + 1^6 + 0^1$$
$$= (-7 + 65) \times 4! - 3 + 2 \times 10.$$

$$1410 = 7^2 + 6^4 + 5^0 + 4^1 + 3^3 + 2^5 + 1^7 + 0^6$$
$$= (7 + (-6 + 5!) \times 4) \times 3 + 21 \times 0!.$$

$$1411 = 7^2 + 6^4 + 5^1 + 4^0 + 3^3 + 2^5 + 1^7 + 0^6$$
$$= 76 \times 5 + 4 + 3 + 2^{10}.$$

$$1412 = 7^1 + 6^4 + 5^0 + 4^2 + 3^3 + 2^6 + 1^7 + 0^5$$
$$= -7 - 6 + 5 + \sqrt{4} \times 3!! - 2 \times 10.$$

$$1413 = 7^3 + 6^0 + 5^2 + 4^5 + 3^1 + 2^4 + 1^7 + 0^6$$
$$= -7 + 6 - \sqrt{5^4} + 3!! \times 2 - 1 \times 0!.$$

$$1414 = 7^2 + 6^1 + 5^3 + 4^5 + 3^4 + 2^7 + 1^0 + 0^6$$
$$= -7 \times 6 + (5 + \sqrt{4} + 3!!) \times 2 + 1 + 0!.$$

$$1415 = 7^2 + 6^1 + 5^3 + 4^5 + 3^4 + 2^7 + 1^6 + 0^0$$
$$= -7 + 6 - \sqrt{5^4} + 3!! \times 2 + 1 \times 0!.$$

$$1416 = 7^3 + 6^1 + 5^2 + 4^5 + 3^0 + 2^4 + 1^7 + 0^6$$
$$= 7 + 6 \times 5! \times \sqrt{4} - 32 + 1 \times 0!.$$

$$1417 = 7^2 + 6^0 + 5^4 + 4^1 + 3^6 + 2^3 + 1^7 + 0^5$$
$$= (7 + 6) \times (5! + 4 - 3 - 2 - 10).$$

$$1418 = 7^1 + 6^3 + 5^2 + 4^5 + 3^4 + 2^6 + 1^0 + 0^7$$
$$= -7 + 6 \times 5! \times \sqrt{4} - 3 - 2 - 10.$$

$$1419 = 7^2 + 6^1 + 5^4 + 4^0 + 3^6 + 2^3 + 1^7 + 0^5$$
$$= (7 - 6) \times 5! \times 4 \times 3 - 21 \times 0!.$$

$$1420 = -7^0 + 6^4 + 5^2 + 4^3 + 3^1 + 2^5 + 1^7 + 0^6$$
$$= (76 - 5) \times 4 \times (-3 - 2 + 10).$$

$$1421 = 7^1 + 6^4 + 5^2 + 4^0 + 3^3 + 2^6 + 1^7 + 0^5$$
$$= 7 + 6 \times 5! - 4! + 3!! - 2 - 1 + 0!.$$

$$1422 = 7^2 + 6^3 + 5^0 + 4^5 + 3^1 + 2^7 + 1^6 + 0^4$$
$$= (7 - 6 + 5! \times 4) \times 3 - 21 \times 0!.$$

$$1423 = 7^1 - 6^2 + 5^4 + 4^3 + 3^6 + 2^5 + 1^7 + 0^0$$
$$= -7 + 65 \times \sqrt{4} \times (3 - 2 + 10).$$

$$1424 = 7^3 + 6^2 + 5^0 + 4^5 + 3^1 + 2^4 + 1^7 + 0^6$$
$$= 7 + 6! + 5! + (4 \times 3!)^2 \times 1 + 0!.$$

$$1425 = 7^5 + 6^3 - 5^6 + 4^0 + 3^2 + 2^4 + 1^7 + 0^1$$
$$= (-7 + 65) \times 4! + 32 + 1 \times 0!.$$

$1426 = 7^3 + 6^2 + 5^1 + 4^5 + 3^0 + 2^4 + 1^7 + 0^6$
$= 76 - 5! + (4 + 3) \times 210.$

$1427 = 7^3 - 6^2 + 5^1 + 4^4 + 3^6 + 2^7 + 1^5 + 0^0$
$= 7 + 6! + 5 - 4! + 3!! - 2 \times 1 + 0!.$

$1428 = 7^0 + 6^2 + 5^4 + 4^1 + 3^6 + 2^5 + 1^7 + 0^3$
$= 7 \times 6 \times (5 \times 4 - 3) \times 2 \times 1 \times 0!.$

$1429 = 7^1 - 6^0 + 5^4 + 4^3 + 3^6 + 2^2 + 1^7 + 0^5$
$= -7 - 6 + 5! \times 4 \times 3 + 2 + 1 - 0!.$

$1430 = 7^0 + 6^1 + 5^4 + 4^3 + 3^6 + 2^2 + 1^7 + 0^5$
$= (7 - 6) \times (5 + 4 - 3)! \times 2 - 10.$

$1431 = 7^1 + 6^2 + 5^4 + 4^0 + 3^6 + 2^5 + 1^7 + 0^3$
$= 7 + 6 + 5! \times 4 \times 3 - 21 - 0!.$

$1432 = -7^1 - 6^3 + 5^4 + 4^5 + 3^0 + 2^2 + 1^7 + 0^6$
$= 7 + 6 \times 5! \times \sqrt{4} - 3 - 2 - 10.$

$1433 = -7^3 + 6^0 + 5^1 + 4^5 + 3^6 + 2^4 + 1^7 + 0^2$
$= 7 + (6 + 5! \times 4) \times 3 - \sqrt{2^{10}}.$

$1434 = -7^3 + 6^1 + 5^0 + 4^5 + 3^6 + 2^4 + 1^7 + 0^2$
$= (765 - 43) \times 2 - 10.$

$1435 = 7^5 + 6^3 - 5^6 + 4^2 + 3^1 + 2^4 + 1^7 + 0^0$
$= (7 \times 65 + 4!) \times 3 - 2 \times 1 \times 0!.$

$1436 = 7^2 + 6^3 + 5^0 + 4^5 + 3^4 + 2^6 + 1^7 + 0^1$
$= (7 - 6 + 5 - 4) \times (3!! - 2) \times 1 \times 0!.$

$1437 = -7^3 - 6^0 + 5^4 + 4^5 + 3^1 + 2^7 + 1^6 + 0^2$
$= (7 \times 65 + 4!) \times 3 \times (21 \times 0)!.$

$1438 = -7^0 + 6^4 + 5^1 + 4^3 + 3^2 + 2^6 + 1^7 + 0^5$
$= -7 + 6 \times (5! \times \sqrt{4}) - 3 - 2 + 10.$

$1439 = -7^3 + 6^0 + 5^4 + 4^5 + 3^1 + 2^7 + 1^6 + 0^2$
$= -7 + 6 + 5 \times 4 \times 3! \times (2 + 10).$

$1440 = 7^2 + 6^3 + 5^1 + 4^5 + 3^4 + 2^6 + 1^0 + 0^7$
$= (7 + 65) \times 4 \times (-3 - 2 + 10).$

$1441 = 7^2 + 6^3 + 5^1 + 4^5 + 3^4 + 2^6 + 1^7 + 0^0$
$= 7 \times (6! + 5!)/4 + 3 - \sqrt{2^{10}}.$

$1442 = 7^2 + 6^4 + 5^0 + 4^1 + 3^3 + 2^6 + 1^7 + 0^5$
$= \sqrt{7 - 6 + 5 - \sqrt{4}} + 3!! \times 2 \times 1 \times 0!.$

$1443 = 7^2 + 6^4 + 5^1 + 4^0 + 3^3 + 2^6 + 1^7 + 0^5$
$= \sqrt{7 - 6 + 5 - \sqrt{4}} + 3!! \times 2 + 1 \times 0!.$

$1444 = -7^2 + 6^4 + 5^0 + 4^3 + 3^1 + 2^7 + 1^6 + 0^5$
$= (76 + 5 - 43)^2 \times 1 \times 0!.$

$1445 = -7^3 + 6^0 + 5^4 + 4^5 + 3^2 + 2^7 + 1^6 + 0^1$
$= -7 + 6! - 5! + 4 \times (3 + 210).$

$1446 = 7^2 + 6^4 + 5^0 + 4^3 + 3^1 + 2^5 + 1^7 + 0^6$
$= (7 + 6! + 5) \times \sqrt{4} - 3! \times (2 + 1) \times 0!.$

$1447 = 7^3 + 6^0 + 5^1 + 4^5 + 3^2 + 2^6 + 1^7 + 0^4$
$= 7 + 6 + (-5 + 43)^2 - 10.$

$1448 = 7^3 + 6^1 + 5^0 + 4^5 + 3^2 + 2^6 + 1^7 + 0^4$
$= 7 \times (65 - 4) - 3 + 2^{10}.$

$1449 = -7^1 + 6^2 + 5^4 + 4^3 + 3^6 + 2^0 + 1^7 + 0^5$
$= 76 \times (-5 + 4!) + 3 \times 2 - 1 \times 0!.$

$1450 = -7^3 + 6^2 + 5^0 + 4^5 + 3^6 + 2^1 + 1^7 + 0^4$
$= (76 + 5 + \sqrt{4} \times 32) \times 10.$

$1451 = -7^3 + 6^1 + 5^4 + 4^5 + 3^2 + 2^7 + 1^6 + 0^0$
$= 76 \times (-5 + 4!) + 3 \times 2 + 1 \times 0!.$

$1452 = -7^0 + 6^4 + 5^2 + 4^3 + 3^1 + 2^6 + 1^7 + 0^5$
$= -7 - 6 - 5 + (4 + 3) \times 210.$

$1453 = -7^3 + 6^2 + 5^1 + 4^5 + 3^6 + 2^0 + 1^7 + 0^4$
$= (7 + 6 + 5) \times 4! - 3 + 2^{10}.$

$1454 = 7^0 + 6^4 + 5^2 + 4^3 + 3^1 + 2^6 + 1^7 + 0^5$
$= (765 - 43) \times 2 + 10.$

$1455 = 7^1 - 6^2 + 5^4 + 4^0 + 3^6 + 2^7 + 1^5 + 0^3$
$= 7 \times (6 - 5) + (\sqrt{4} + 3!! + 2) \times (1 + 0!).$

$1456 = 7^0 + 6^3 + 5^1 + 4^5 + 3^4 + 2^7 + 1^6 + 0^2$
$= 7 + (-6 + 5 + 4!) \times 3 \times 21 \times 0!.$

$1457 = -7^1 + 6^4 + 5^3 + 4^0 + 3^2 + 2^5 + 1^7 + 0^6$
$= (7 + 6! + 5) \times \sqrt{4} - 3 - 2 - 1 - 0!.$

$1458 = 7^1 + 6^4 + 5^2 + 4^3 + 3^0 + 2^6 + 1^7 + 0^5$
$= (7 - 6) \times 54 \times (3! + 21) \times 0!.$

$1459 = 7^3 + 6^0 + 5^1 + 4^5 + 3^4 + 2^2 + 1^7 + 0^6$
$= (7 + 6 + 5) \times 4! + 3 + 2^{10}.$

$1460 = 7^3 + 6^1 + 5^0 + 4^5 + 3^4 + 2^2 + 1^7 + 0^6$
$= (7 + 65 + 4 - 3) \times 2 \times 10.$

$1461 = 7^3 + 6^0 + 5^2 + 4^5 + 3^1 + 2^6 + 1^7 + 0^4$
$= 7 \times 6 + 5! \times 4 \times 3 - 21 \times 0!.$

$1462 = -7^1 + 6^4 + 5^0 + 4^2 + 3^3 + 2^7 + 1^6 + 0^5$
$= -7 + 6! + 5 + 4! + (3 + 2 + 1)! \times 0!.$

$1463 = 7^3 + 6^0 + 5^1 + 4^4 + 3^6 + 2^7 + 1^5 + 0^2$
$= 7 + 6! - 5 + 4! + 3!! - 2 \times 1 - 0!.$

$1464 = 7^3 + 6^1 + 5^2 + 4^5 + 3^0 + 2^6 + 1^7 + 0^4$
$= 7 + 6! - 5 + 4! + 3!! - 2 \times 1 \times 0!.$

$1465 = -7^4 + 6^1 + 5^5 + 4^0 + 3^6 + 2^2 + 1^7 + 0^3$
$= 7 + 6! - 5 + 4! + 3!! - 2 \times 1 + 0!.$

$1466 = -7^0 + 6^4 + 5^3 + 4^1 + 3^2 + 2^5 + 1^7 + 0^6$
$= 7 + 6! - 5 + 4! + 3!! + 2 \times 1 \times 0.$

$1467 = -7^4 + 6^0 + 5^5 + 4^1 + 3^6 + 2^3 + 1^7 + 0^2$
$= 7 + 6! - 5 + 4! + 3!! + (21 \times 0)!.$

$1468 = 7^0 + 6^4 + 5^3 + 4^1 + 3^2 + 2^5 + 1^7 + 0^6$
$= 7 + 6! - 5 + 4! + 3!! + 2 \times 1 \times 0!.$

$1469 = -7^4 + 6^1 + 5^5 + 4^0 + 3^6 + 2^3 + 1^7 + 0^2$
$= 7 \times 6 \times 5 \times (4 + 3) - 2 + 1 \times 0!.$

$1470 = 7^3 + 6^2 - 5^0 + 4^5 + 3^1 + 2^6 + 1^7 + 0^4$
$= (7 + 65 + 4 - 3!) \times 21 \times 0!.$

$1471 = 7^2 + 6^0 + 5^4 + 4^3 + 3^6 + 2^1 + 1^7 + 0^5$
$= 7 \times 6 \times 5 \times (4 + 3) + 2 - 1 \times 0!.$

$1472 = 7^3 + 6^2 + 5^0 + 4^5 + 3^1 + 2^6 + 1^7 + 0^4$
$= (7 + 6! - 543) \times (-2 + 10).$

$1473 = -7^4 + 6^0 + 5^5 + 4^2 + 3^6 + 2^1 + 1^7 + 0^3$
$= -7 + (-6 + 5! + \sqrt{4} + 32) \times 10.$

$1474 = 7^3 + 6^2 + 5^1 + 4^5 + 3^0 + 2^6 + 1^7 + 0^4$
$= (7 + 6! + 5) \times \sqrt{4} + 3! + 2 + 1 + 0!.$

$1475 = 7^2 + 6^1 + 5^4 + 4^3 + 3^6 + 2^0 + 1^7 + 0^5$
$= 7 + 6! - 5 + 4! + 3^{2+1}! \times 0!.$

$1476 = 7^1 + 6^4 + 5^0 + 4^2 + 3^3 + 2^7 + 1^6 + 0^5$
$= 7 \times (-6 + 5 \times 43 + 2) - 1 \times 0!.$

$1477 = 7^3 + 6^0 + 5^2 + 4^5 + 3^4 + 2^1 + 1^7 + 0^6$
$\quad = 7 \times (-6 - 5 + 4 \times 3 + 210).$

$1478 = 7^2 + 6^4 + 5^0 + 4^3 + 3^1 + 2^6 + 1^7 + 0^5$
$\quad = 7 \times (-6 + 5 \times 43 + 2) + 1 \times 0!.$

$1479 = -7^5 + 6^3 + 5^6 + 4^4 + 3^7 + 2^0 + 1^2 + 0^1$
$\quad = 7 \times 65 + (4 - 3) \times 2^{10}.$

$1480 = 7^2 + 6^4 + 5^1 + 4^3 + 3^0 + 2^6 + 1^7 + 0^5$
$\quad = (76 + 5 - 4 - 3) \times 2 \times 10.$

$1481 = 7^3 + 6^1 + 5^2 + 4^5 + 3^4 + 2^0 + 1^7 + 0^6$
$\quad = 76 \times 5 \times \sqrt{4} + 3!! + 2 - 1 \times 0!.$

$1482 = 7^1 + 6^3 + 5^2 + 4^5 + 3^4 + 2^7 + 1^0 + 0^6$
$\quad = 7 \times 6 + 5! \times (4 - 3) \times (2 + 10).$

$1483 = 7^3 + 6^0 + 5^2 + 4^4 + 3^6 + 2^7 + 1^5 + 0^1$
$\quad = 765 - \sqrt{4} + (3 \times 2)! \times 1 \times 0!.$

$1484 = -7^4 + 6^1 + 5^5 + 4^2 + 3^6 + 2^3 + 1^0 + 0^7$
$\quad = (7 \times 6 \times 5 + \sqrt{4}) \times (3^2 - 1 - 0!).$

$1485 = 7^1 + 6^4 + 5^2 + 4^0 + 3^3 + 2^7 + 1^6 + 0^5$
$\quad = (7 + 6 + (5 + 4)^3) \times 2 + 1 \times 0!.$

$1486 = -7^0 + 6^2 + 5^4 + 4^3 + 3^6 + 2^5 + 1^7 + 0^1$
$\quad = (7 + 6 + (5 + 4)^3) \times 2 + 1 + 0!.$

$1487 = 7^2 - 6^3 + 5^4 + 4^5 + 3^1 + 2^0 + 1^7 + 0^6$
$\quad = 7 + (-6 + 5! + \sqrt{4} + 32) \times 10.$

$1488 = 7^3 + 6^2 + 5^0 + 4^5 + 3^4 + 2^1 + 1^7 + 0^6$
$\quad = (76 + 5 + 43) \times (2 + 10).$

$1489 = 7^3 + 6^1 + 5^2 + 4^4 + 3^6 + 2^7 + 1^5 + 0^0$
$\quad = -7 + 65 \times (4! - 3 + 2) + 1 \times 0!.$

$1490 = -7^4 - 6^3 + 5^1 + 4^6 + 3^0 + 2^2 + 1^7 + 0^5$
$\quad = -7 + 65 \times (4! - 3 + 2) + 1 + 0!.$

$1491 = 7^3 + 6^2 + 5^1 + 4^5 + 3^4 + 2^0 + 1^7 + 0^6$
$\quad = 7 \times (65 - 4) \times 3 + 210.$

$1492 = -7^1 + 6^4 + 5^0 + 4^3 + 3^2 + 2^7 + 1^6 + 0^5$
$\quad = -7 + 65 + \sqrt{4} \times (3!! - 2 \times 1 - 0!).$

$1493 = -7^4 + 6^2 + 5^5 + 4^0 + 3^6 + 2^1 + 1^7 + 0^3$
$\quad = 7 \times (65 - 4 + 3!) + 2^{10}.$

$1494 = 7^3 + 6^2 + 5^0 + 4^4 + 3^6 + 2^7 + 1^5 + 0^1$
$\quad = 7 \times (-6 + 5!) + 4! \times (-3 + \sqrt{2^{10}}).$

$1495 = 7^1 + 6^2 + 5^4 + 4^3 + 3^6 + 2^5 + 1^7 + 0^0$
$\quad = 765 \times \sqrt{4} - 3 - \sqrt{2^{10}}.$

$1496 = -7^1 + 6^4 + 5^3 + 4^2 + 3^0 + 2^6 + 1^7 + 0^5$
$\quad = (-76 + 5!) \times (\sqrt{4} + 32) \times 1 \times 0!.$

$1497 = -7^2 - 6^0 + 5^4 + 4^3 + 3^6 + 2^7 + 1^5 + 0^1$
$\quad = (7 + 6) \times (5! - 4) - 3^2 - 1 - 0!.$

$1498 = 7^3 + 6^2 + 5^1 + 4^4 + 3^6 + 2^7 + 1^0 + 0^5$
$\quad = 7 \times 65 \times 4 - 321 - 0!.$

$1499 = 7^3 + 6^2 + 5^1 + 4^4 + 3^6 + 2^7 + 1^5 + 0^0$
$\quad = -76 + 5^{\sqrt{4}} \times 3 \times 21 \times 0!.$

$1500 = 7^2 + 6^3 + 5^0 + 4^5 + 3^4 + 2^7 + 1^6 + 0^1$
$\quad = (76 + 5 - \sqrt{4} \times 3) \times 2 \times 10.$

$1501 = 7^2 + 6^0 + 5^4 + 4^3 + 3^6 + 2^5 + 1^7 + 0^1$
$\quad = 765 \times \sqrt{4} + 3 - \sqrt{2^{10}}.$

$1502 = -7^4 + 6^2 + 5^5 + 4^1 + 3^6 + 2^3 + 1^0 + 0^7$
$\quad = 7 \times (65 + 43) \times 2 - 10.$

$1503 = 7^1 + 6^4 + 5^3 + 4^0 + 3^2 + 2^6 + 1^7 + 0^5$
$\quad = 7 \times 6 + 5! \times 4 \times 3 + 21 \times 0!.$

$1504 = 7^2 + 6^3 + 5^1 + 4^5 + 3^4 + 2^7 + 1^0 + 0^6$
$\quad = 7 + 65 + (-4 + 3!!) \times 2 \times 1 \times 0!.$

$1505 = 7^2 + 6^3 + 5^1 + 4^5 + 3^4 + 2^7 + 1^6 + 0^0$
$\quad = 7 \times (654/3 - 2 - 1) \times 0!.$

$1506 = 7^2 + 6^4 + 5^0 + 4^1 + 3^3 + 2^7 + 1^6 + 0^5$
$\quad = 76 \times 5 \times 4 - 3! \times 2 - 1 - 0!.$

$1507 = 7^2 + 6^4 + 5^3 + 4^0 + 3^1 + 2^5 + 1^7 + 0^6$
$\quad = 765 \times \sqrt{4} - 3 - 2 \times 10.$

$1508 = 7^2 + 6^4 + 5^3 + 4^1 + 3^0 + 2^5 + 1^7 + 0^6$
$\quad = (7 + 6) \times (5 + 4!) \times (-3 \times 2 + 10).$

$1509 = 7^3 - 6^0 + 5^1 + 4^5 + 3^2 + 2^7 + 1^6 + 0^4$
$\quad = -76 + 5 \times (-4 + 321) \times 0!.$

$1510 = 7^1 + 6^4 + 5^3 + 4^2 + 3^0 + 2^6 + 1^7 + 0^5$
$\quad = 76 \times 5 \times 4 - (3 + 2) \times (1 + 0!).$

$1511 = 7^3 + 6^0 + 5^1 + 4^5 + 3^2 + 2^7 + 1^6 + 0^4$
$\quad = 76 \times 5 \times 4 - 3! - 2 \times 1 - 0!.$

$1512 = 7^3 + 6^1 + 5^0 + 4^5 + 3^2 + 2^7 + 1^6 + 0^4$
$\quad = (7 - 6 + 5) \times 4 \times 3 \times 21 \times 0!.$

$1513 = -7^1 + 6^2 + 5^4 + 4^0 + 3^6 + 2^7 + 1^5 + 0^3$
$\quad = 765 \times \sqrt{4} + 3 - 2 \times 10.$

$1514 = 7^1 - 6^3 + 5^4 + 4^5 + 3^2 + 2^6 + 1^0 + 0^7$
$\quad = -76 + 5! + (4 + 3) \times 210.$

$1515 = 7^1 - 6^3 + 5^4 + 4^5 + 3^2 + 2^6 + 1^7 + 0^0$
$\quad = 76 \times 5 \times 4 - 3 \times 2 \times 1 + 0!.$

$1516 = -7^0 + 6^4 + 5^2 + 4^3 + 3^1 + 2^7 + 1^6 + 0^5$
$\quad = (765 - 4 - 3) \times 2 \times 1 \times 0!.$

$1517 = 7^3 - 6^0 + 5^1 + 4^5 + 3^4 + 2^6 + 1^7 + 0^2$
$\quad = 76 \times 5 \times 4 - 3 + 2 \times (1 - 0!).$

$1518 = 7^0 + 6^4 + 5^2 + 4^3 + 3^1 + 2^7 + 1^6 + 0^5$
$\quad = -7 + (65 - 4) \times (3 + 21 + 0!).$

$1519 = 7^3 + 6^0 + 5^1 + 4^5 + 3^4 + 2^6 + 1^7 + 0^2$
$\quad = 76 + (-5 + 43)^2 - 1 \times 0!.$

$1520 = 7^3 + 6^1 + 5^0 + 4^5 + 3^4 + 2^6 + 1^7 + 0^2$
$\quad = 76 + (-5 + 43)^2 \times 1 \times 0!.$

$1521 = -7^4 + 6^0 + 5^5 + 4^3 + 3^6 + 2^1 + 1^7 + 0^2$
$\quad = 765 \times \sqrt{4} - 3^2 \times 1 \times 0!.$

$1522 = 7^1 + 6^4 + 5^2 + 4^3 + 3^0 + 2^7 + 1^6 + 0^5$
$\quad = 7 \times (65 + 43) \times 2 + 10.$

$1523 = -7^4 + 6^0 + 5^5 + 4^3 + 3^6 + 2^2 + 1^7 + 0^1$
$\quad = -7 + (-6 + 5 + 4) \times (3!! - 210).$

$1524 = 7^0 + 6^2 + 5^4 + 4^1 + 3^6 + 2^7 + 1^5 + 0^3$
$\quad = 76 \times 5 \times 4 + 3 + 2 \times 1 - 0!.$

$1525 = 7^3 + 6^0 + 5^2 + 4^5 + 3^1 + 2^7 + 1^6 + 0^4$
$\quad = 7 \times (-6 + 5! + 4) + 3!! - 21 \times 0!.$

$1526 = -7^4 - 6^3 + 5^1 + 4^6 + 3^2 + 2^5 + 1^0 + 0^7$
$\quad = 7 \times 654/3 + 21 \times 0.$

$1527 = 7^1 + 6^2 + 5^4 + 4^0 + 3^6 + 2^7 + 1^5 + 0^3$
$\quad = 76 \times 5 \times 4 + 3 + 2 + 1 + 0!.$

$1528 = 7^3 + 6^1 + 5^2 + 4^5 + 3^0 + 2^7 + 1^6 + 0^4$
$= (765 - 4 + 3) \times 2 \times 1 \times 0!.$

$1529 = -7^4 + 6^1 + 5^5 + 4^3 + 3^6 + 2^2 + 1^7 + 0^0$
$= (765 - 4 + 3) \times 2 + 1 \times 0!.$

$1530 = 7^3 + 6^1 - 5^5 + 4^6 + 3^4 + 2^7 + 1^0 + 0^2$
$= 76 \times 5 \times 4 + (3 + 2) \times (1 + 0!).$

$1531 = 7^5 + 6^3 - 5^6 + 4^0 + 3^1 + 2^7 + 1^4 + 0^2$
$= (7 + 6) \times 5! - \sqrt{4} - 3! - 21 \times 0!.$

$1532 = 7^3 - 6^1 + 5^2 + 4^5 + 3^4 + 2^6 + 1^0 + 0^7$
$= 7 + (65 - 4) \times (3 + 21 + 0!).$

$1533 = 7^3 - 6^1 + 5^2 + 4^5 + 3^4 + 2^6 + 1^7 + 0^0$
$= 765 \times \sqrt{4} + 3 \times 2/(1 + 0!).$

$1534 = -7^3 - 6^1 + 5^0 + 4^5 + 3^6 + 2^7 + 1^4 + 0^2$
$= 76 \times 5 \times 4 + 3! \times 2 + 1 + 0!.$

$1535 = 7^2 - 6^0 + 5^4 + 4^1 + 3^6 + 2^7 + 1^5 + 0^3$
$= (7 + 6) \times 5 + (4 + 3) \times 210.$

$1536 = 7^3 + 6^2 + 5^0 + 4^5 + 3^1 + 2^7 + 1^6 + 0^4$
$= (7 + 65 + 4!) \times (3 \times 2 + 10).$

$1537 = 7^2 + 6^0 + 5^4 + 4^1 + 3^6 + 2^7 + 1^5 + 0^3$
$= 7 + (-6 + 5 + 4) \times (3!! - 210).$

$1538 = 7^3 + 6^2 + 5^1 + 4^5 + 3^0 + 2^7 + 1^6 + 0^4$
$= (765 + 4) \times (3 - 2 + 1) \times 0!.$

$1539 = 7^3 + 6^0 + 5^2 + 4^5 + 3^4 + 2^6 + 1^7 + 0^1$
$= 7 \times (6 + 5 \times 43) + 2 - 10.$

$1540 = 7^2 + 6^4 + 5^3 + 4^1 + 3^0 + 2^6 + 1^7 + 0^5$
$= (7 \times 6 \times 5 - 4! - 32) \times 10.$

$1541 = -7^1 + 6^0 + 5^4 + 4^3 + 3^6 + 2^7 + 1^5 + 0^2$
$= 76 - 5 + (4 + 3) \times 210.$

$1542 = 7^2 + 6^4 + 5^0 + 4^3 + 3^1 + 2^7 + 1^6 + 0^5$
$= 7 + 65 + (4 + 3) \times 210.$

$1543 = -7^3 - 6^0 + 5^1 + 4^5 + 3^6 + 2^7 + 1^4 + 0^2$
$= (7 + 6) \times 5! - 4 \times (3! - 2) - 1 \times 0!.$

$1544 = 7^3 + 6^1 + 5^2 + 4^5 + 3^4 + 2^6 + 1^0 + 0^7$
$= (765 + 4 + 3) \times (2 + 1 - 0!).$

$1545 = 7^3 + 6^1 + 5^2 + 4^5 + 3^4 + 2^6 + 1^7 + 0^0$
$= 7 + 6! + 5! - 4! + 3 + (2 + 1)!! - 0!.$

$1546 = -7^3 + 6^1 + 5^0 + 4^5 + 3^6 + 2^7 + 1^4 + 0^2$
$= 7 + 6! + 5! - 4! + 3 + (2 + 1)!! \times 0!.$

$1547 = 7^3 - 6^2 + 5^1 + 4^5 + 3^4 + 2^7 + 1^6 + 0^0$
$= (7 + 6) \times (-5 + 4 + 3! \times 2 \times 10).$

$1548 = 7^2 - 6^3 + 5^4 + 4^5 + 3^0 + 2^6 + 1^7 + 0^1$
$= 765 \times \sqrt{4} - 3 + 21 \times 0!.$

$1549 = -7^3 - 6^4 - 5^2 + 4^5 + 3^7 + 2^0 + 1^6 + 0^1$
$= -7 + 6! + 5! - 4 + 3!! \times (2 - 1) \times 0!.$

$1550 = 7^3 + 6^2 + 5^0 + 4^5 + 3^4 + 2^6 + 1^7 + 0^1$
$= -7 + 65 \times 4! - 3 + 2 - 1 - 0!.$

$1551 = 7^2 - 6^3 + 5^4 + 4^5 + 3^1 + 2^6 + 1^7 + 0^0$
$= 76 + 5 + (4 + 3) \times 210.$

$1552 = -7^0 + 6^1 + 5^4 + 4^3 + 3^6 + 2^7 + 1^5 + 0^2$
$= -7 + 65 \times 4! + 3 - 2 - 1 - 0!.$

$1553 = -7^1 + 6^4 + 5^3 + 4^0 + 3^2 + 2^7 + 1^6 + 0^5$
$= 7 + (-6 + 54) \times 32 + 10.$

$1554 = 7^3 + 6^2 + 5^1 + 4^5 + 3^4 + 2^6 + 1^0 + 0^7$
$= 7 \times (-6 + 54/3 + 210).$

$1555 = 7^3 + 6^2 + 5^1 + 4^5 + 3^4 + 2^6 + 1^7 + 0^0$
$= 7 \times (6 + 5 \times 43) - 2 + 10.$

$1556 = -7^4 + 6^2 + 5^5 + 4^3 + 3^6 + 2^1 + 1^0 + 0^7$
$= (765 + 4 + 3^2) \times (1 + 0!).$

$1557 = -7^4 + 6^2 + 5^5 + 4^3 + 3^6 + 2^1 + 1^7 + 0^0$
$= -7 + 6! + 5! + 4 + 3!! \times (2 - 1) \times 0!.$

$1558 = -7^2 + 6^4 + 5^0 + 4^3 + 3^5 + 2^1 + 1^7 + 0^6$
$= (7 + 6) \times 5 \times 4 \times 3! - 2 \times 1 \times 0!.$

$1559 = -7^2 + 6^3 + 5^4 + 4^1 + 3^6 + 2^5 + 1^7 + 0^0$
$= 765 \times \sqrt{4} - 3 + \sqrt{2^{10}}.$

$1560 = -7^2 + 6^4 + 5^0 + 4^1 + 3^5 + 2^6 + 1^7 + 0^3$
$= (7 + 6) \times 5 \times (4! - 3 + 2 \times 1 + 0!).$

$1561 = -7^2 + 6^4 + 5^1 + 4^3 + 3^5 + 2^0 + 1^7 + 0^6$
$= -7 + 6! + 5! + (4! + 3)^2 \times 1 - 0!.$

$1562 = -7^0 + 6^4 + 5^3 + 4^1 + 3^2 + 2^7 + 1^6 + 0^5$
$= (76 - 5) \times (43 - 21) \times 0!.$

$1563 = -7^3 - 6^0 + 5^2 + 4^5 + 3^6 + 2^7 + 1^4 + 0^1$
$= 7 \times (-6 + 5!) \times \sqrt{4} - 32 - 1 \times 0!.$

$1564 = 7^0 + 6^4 + 5^3 + 4^1 + 3^2 + 2^7 + 1^6 + 0^5$
$= 7 \times 6 \times (-5 + 43) - \sqrt{2^{10}}.$

$1565 = -7^3 + 6^0 + 5^2 + 4^5 + 3^6 + 2^7 + 1^4 + 0^1$
$= 7 \times (-6 + 5!) \times \sqrt{4} - 32 + 1 \times 0!.$

$1566 = 7^0 - 6^3 + 5^4 + 4^5 + 3^1 + 2^7 + 1^6 + 0^2$
$= 7 + 6! + 5! - 4 + 3 + (2 + 1)!! \times 0!.$

$1567 = 7^1 + 6^4 + 5^3 + 4^0 + 3^2 + 2^7 + 1^6 + 0^5$
$= 7 \times (-6 + 5! + 4) + 3!! + 21 \times 0!.$

$1568 = -7^0 + 6^4 + 5^3 + 4^2 + 3^1 + 2^7 + 1^6 + 0^5$
$= 7 + 6! + (5 + 4!) \times (-3 + \sqrt{2^{10}}).$

$1569 = -7^1 + 6^3 + 5^4 + 4^0 + 3^6 + 2^2 + 1^7 + 0^5$
$= 7 + 6! + 5 \times 4! + 3!! + 2 \times 1 \times 0!.$

$1570 = 7^0 + 6^4 + 5^3 + 4^2 + 3^1 + 2^7 + 1^6 + 0^5$
$= (7 + 6) \times 5! + 4 + 3! + 21 \times 0.$

$1571 = -7^3 + 6^1 + 5^2 + 4^5 + 3^6 + 2^7 + 1^4 + 0^0$
$= 7 + 6! + 5! + \sqrt{4} + 3 + (2 + 1)!! - 0!.$

$1572 = 7^1 + 6^4 + 5^0 + 4^2 + 3^5 + 2^3 + 1^7 + 0^6$
$= (7 + 6) \times 5! - 4 - 3! + 21 + 0!.$

$1573 = -7^1 - 6^3 + 5^2 + 4^5 + 3^6 + 2^4 + 1^7 + 0^0$
$= 7 + 6! + 5! - 4 + 3^{2+1}! + 0!.$

$1574 = 7^1 + 6^4 + 5^3 + 4^2 + 3^0 + 2^7 + 1^6 + 0^5$
$= (7 + 6) \times (5! + \sqrt{4}) - (3!/2)! \times (1 + 0!).$

$1575 = 7^5 - 6^0 - 5^6 + 4^4 + 3^2 + 2^7 + 1^3 + 0^1$
$= (7 + 6) \times 5! - \sqrt{4} \times 3 + 21 \times 0!.$

$1576 = -7^3 + 6^2 + 5^0 + 4^5 + 3^6 + 2^7 + 1^4 + 0^1$
$= (7 + 6 + 5! + 4^3) \times (-2 + 10).$

$1577 = -7^1 + 6^2 + 5^4 + 4^3 + 3^6 + 2^7 + 1^5 + 0^0$
$= -7 + (-6 + 54) \times (32 + 1) \times 0!.$

$1578 = 7^0 + 6^4 + 5^2 + 4^1 + 3^5 + 2^3 + 1^7 + 0^6$
$= -7 + (6 + 5) \times 4 \times 3!^2 + 1 \times 0!.$

$1579 = 7^1 - 6^3 + 5^4 + 4^5 + 3^2 + 2^7 + 1^6 + 0^0$
$= (7 + 6) \times 5! + 4 + 3 + 2 + 10.$

$1580 = 7^0 + 6^3 + 5^4 + 4^1 + 3^6 + 2^2 + 1^7 + 0^5$
$= 76 + 54 + 3!! \times 2 + 10.$

$1581 = 7^1 + 6^4 + 5^2 + 4^0 + 3^5 + 2^3 + 1^7 + 0^6$
$= 7 \times (-6 \times 5 + 4^{3!-2}) - 1 + 0.$

$1582 = -7^0 + 6^2 + 5^4 + 4^3 + 3^6 + 2^7 + 1^5 + 0^1$
$= (7 + 6) \times 5! + 43 - 21 \times 0!.$

$1583 = 7^3 + 6^0 + 5^1 + 4^5 + 3^4 + 2^7 + 1^6 + 0^2$
$= (-7 + 6 \times 5)^{\sqrt{4}} \times 3 - 2 - 1 - 0!.$

$1584 = 7^3 + 6^1 + 5^0 + 4^5 + 3^4 + 2^7 + 1^6 + 0^2$
$= (7 + 6 + 5) \times 4 \times (32 - 10).$

$1585 = -7^4 - 6^0 + 5^5 + 4^1 + 3^6 + 2^7 + 1^3 + 0^2$
$= (-7 + 6 \times 5)^{\sqrt{4}} \times 3 - 2 \times 1 \times 0!.$

$1586 = 7^1 - 6^3 + 5^2 + 4^5 + 3^6 + 2^4 + 1^0 + 0^7$
$= (-7 + 6 \times 5)^{\sqrt{4}} \times 3 - 2 \times 1 + 0!.$

$1587 = -7^4 + 6^0 + 5^5 + 4^1 + 3^6 + 2^7 + 1^3 + 0^2$
$= (7 + 6) \times 5! + 4 + 3 + 21 - 0!.$

$1588 = -7^0 + 6^3 + 5^4 + 4^2 + 3^6 + 2^1 + 1^7 + 0^5$
$= 76 \times (5 + \sqrt{4}) \times 3 + 2 - 10.$

$1589 = -7^4 + 6^1 + 5^5 + 4^0 + 3^6 + 2^7 + 1^3 + 0^2$
$= (7 + 6) \times 5! + \sqrt{4} + 3! + 21 \times 0!.$

$1590 = 7^1 + 6^2 + 5^4 + 4^3 + 3^6 + 2^7 + 1^0 + 0^5$
$= (-7 + 6 \times 5)^{\sqrt{4}} \times 3 + 2 \times 1 + 0!.$

$1591 = 7^1 + 6^2 + 5^4 + 4^3 + 3^6 + 2^7 + 1^5 + 0^0$
$= 7 + (-6 + 54) \times (32 + 1) \times 0!.$

$1592 = -7^4 - 6^1 + 5^5 + 4^2 + 3^6 + 2^7 + 1^0 + 0^3$
$= (7 + 65 + 4 + (3 \times 2)!) \times (1 + 0!).$

$1593 = 7^2 - 6^3 + 5^1 + 4^5 + 3^6 + 2^0 + 1^7 + 0^4$
$= -7 + 6 + 5 \times (-\sqrt{4} + 321) - 0!.$

$1594 = 7^0 + 6^1 - 5^4 + 4^2 + 3^7 + 2^3 + 1^6 + 0^5$
$= 7 \times 6 \times (-5 + 43) - 2 \times 1 \times 0!.$

$1595 = 7^1 + 6^3 + 5^4 + 4^2 + 3^6 + 2^0 + 1^7 + 0^5$
$= (7 - 6) \times 5 \times (-\sqrt{4} + 321) \times 0!.$

$1596 = 7^3 - 6^1 + 5^2 + 4^5 + 3^4 + 2^7 + 1^0 + 0^6$
$= (76 + 54 + 3) \times (2 + 10).$

$1597 = 7^2 + 6^0 + 5^4 + 4^3 + 3^6 + 2^7 + 1^5 + 0^1$
$= 7 \times (65 \times 4 - 32) + 1 \times 0!.$

$1598 = 7^4 + 6^1 - 5^5 + 4^3 + 3^7 + 2^6 + 1^0 + 0^2$
$= 7 \times 6 \times (-5 + 43) + 2 \times 1 \times 0!.$

$1599 = -7^4 + 6^0 + 5^5 + 4^2 + 3^6 + 2^7 + 1^3 + 0^1$
$= 7 + 6 + 5! + 4! + 3!! \times 2 + 1 + 0!.$

$1600 = -7^3 - 6^4 + 5^2 + 4^5 + 3^7 + 2^1 + 1^0 + 0^6$
$= (7 + 6) \times 5! + 4!/3 + \sqrt{2^{10}}.$

$1601 = 7^3 - 6^0 + 5^2 + 4^5 + 3^4 + 2^7 + 1^6 + 0^1$
$= -7 + 6! + 5! + 4! \times 32 \times 1 \times 0!.$

$1602 = 7^2 + 6^4 + 5^0 + 4^1 + 3^5 + 2^3 + 1^7 + 0^6$
$= (7 + 65 \times 4) \times (3 + 2 + 1) \times 0!.$

$1603 = 7^3 + 6^0 + 5^2 + 4^5 + 3^4 + 2^7 + 1^6 + 0^1$
$= -7 - 6 - (-5! + 43) \times 21 - 0!.$

$1604 = 7^2 + 6^4 + 5^3 + 4^1 + 3^0 + 2^7 + 1^6 + 0^5$
$= 76 \times (5 + \sqrt{4}) \times 3 - 2 + 10.$

$1605 = -7^4 + 6^1 + 5^5 + 4^2 + 3^6 + 2^7 + 1^3 + 0^0$
$= (7 + (6 + 5) \times 4!) \times 3! - 21 \times 0!.$

$1606 = -7^5 + 6^4 + 5^0 + 4^7 + 3^6 + 2^1 + 1^3 + 0^2$
$= (7 + 6) \times 5! + 43 + 2 + 1 \times 0!.$

$1607 = 7^5 + 6^2 - 5^6 + 4^4 + 3^1 + 2^7 + 1^3 + 0^0$
$= 7 \times 65 + 4! \times 3! \times (-2 + 10).$

$1608 = 7^3 + 6^1 + 5^2 + 4^5 + 3^4 + 2^7 + 1^0 + 0^6$
$= 7 \times ((6 + 5)^{\sqrt{4}} - 3!) \times 2 - 1 - 0!.$

$1609 = 7^3 + 6^1 + 5^2 + 4^5 + 3^4 + 2^7 + 1^6 + 0^0$
$= 7 + 6 \times (-54 + 321) \times 0!.$

$1610 = -7^4 - 6^2 + 5^5 + 4^3 + 3^6 + 2^7 + 1^0 + 0^1$
$= (7 - 6 + 54 \times 3 - 2) \times 10.$

$1611 = 7^1 + 6^3 + 5^4 + 4^0 + 3^6 + 2^5 + 1^7 + 0^2$
$= 7 + (6 - 5 + 4) \times 321 - 0!.$

$1612 = -7^5 + 6^4 + 5^1 + 4^7 + 3^6 + 2^2 + 1^0 + 0^3$
$= 7 + (6 - 5 + 4) \times 321 \times 0!.$

$1613 = -7^5 + 6^4 + 5^1 + 4^7 + 3^6 + 2^2 + 1^3 + 0^0$
$= 7 + (6 - 5 + 4) \times 321 + 0!.$

$1614 = 7^3 + 6^2 + 5^0 + 4^5 + 3^4 + 2^7 + 1^6 + 0^1$
$= (765 + 43) \times 2 - 1 - 0!.$

$1615 = 7^2 - 6^3 + 5^4 + 4^5 + 3^1 + 2^7 + 1^6 + 0^0$
$= (7 + 6) \times 5! + 4! + 32 - 1 \times 0!.$

$1616 = 7^1 + 6^4 + 5^0 + 4^3 + 3^5 + 2^2 + 1^7 + 0^6$
$= (765 + 43) \times 2 \times 1 \times 0!.$

$1617 = -7^5 + 6^4 + 5^1 + 4^7 + 3^6 + 2^3 + 1^2 + 0^0$
$= 76 + 5 + 4! \times 32 \times (1 + 0!).$

$1618 = 7^3 + 6^2 + 5^1 + 4^5 + 3^4 + 2^7 + 1^0 + 0^6$
$= (7 + 6) \times (5! + 4) + 3 \times 2 \times 1 \times 0!.$

$1619 = 7^3 + 6^2 + 5^1 + 4^5 + 3^4 + 2^7 + 1^6 + 0^0$
$= (7 + 6! + 5)/4 + (3!! - 2) \times (1 + 0!).$

$1620 = 7^0 + 6^3 + 5^4 + 4^2 + 3^6 + 2^5 + 1^7 + 0^1$
$= (76 + 54 + 32) \times 10.$

$1621 = -7^2 + 6^4 + 5^3 + 4^1 + 3^5 + 2^0 + 1^7 + 0^6$
$= (7 + 6) \times (5! + \sqrt{4}) + 3 + \sqrt{2^{10}}.$

$1622 = -7^4 + 6^2 + 5^5 + 4^1 + 3^6 + 2^7 + 1^0 + 0^3$
$= (7 \times 6 + 5 + 4) \times 32 - 10.$

$1623 = 7^2 + 6^3 + 5^4 + 4^0 + 3^6 + 2^1 + 1^7 + 0^5$
$= 7 \times (-65 - 4! + 321) - 0!.$

$1624 = -7^2 + 6^4 + 5^1 + 4^3 + 3^5 + 2^6 + 1^0 + 0^7$
$= (-7 + 65) \times (\sqrt{4} \times 3^2 + 10).$

$1625 = 7^2 + 6^3 + 5^4 + 4^1 + 3^6 + 2^0 + 1^7 + 0^5$
$= 765 + 43 \times 2 \times 10.$

$1626 = 7^1 + 6^3 + 5^4 + 4^2 + 3^6 + 2^5 + 1^0 + 0^7$
$= (7 + (6 + 5) \times 4!) \times 3! + 21 \times 0.$

$1627 = 7^1 + 6^3 + 5^4 + 4^2 + 3^6 + 2^5 + 1^7 + 0^0$
$= -7 + 6! - 5! + 4 + 3! + 2^{10}.$

$1628 = 7^1 + 6^4 + 5^0 + 4^2 + 3^5 + 2^6 + 1^7 + 0^3$
$= 7 \times 6 \times (-5 + 43) + \sqrt{2^{10}}.$

$1629 = -7^5 + 6^4 + 5^2 + 4^7 + 3^6 + 2^0 + 1^3 + 0^1$
$= (7 + 6! - 5! - 4^3) \times (2 + 1) \times 0!.$

$1630 = -7^5 + 6^4 + 5^2 + 4^7 + 3^6 + 2^1 + 1^0 + 0^3$
$\quad = ((7 - 6 + 54) \times 3 - 2) \times 10.$

$1631 = -7^5 + 6^4 + 5^2 + 4^7 + 3^6 + 2^1 + 1^3 + 0^0$
$\quad = (7 + 6) \times (5 \times 4! + 3) + \sqrt{2^{10}}.$

$1632 = 7^0 + 6^4 + 5^2 + 4^3 + 3^5 + 2^1 + 1^7 + 0^6$
$\quad = -7 \times 6 + 54 \times (32 - 1) \times 0!.$

$1633 = -7^3 - 6^4 - 5^1 + 4^5 + 3^7 + 2^6 + 1^2 + 0^0$
$\quad = -7 \times 6 + 54 \times (32 - 1) + 0!.$

$1634 = 7^0 + 6^4 + 5^2 + 4^1 + 3^5 + 2^6 + 1^7 + 0^3$
$\quad = (7 \times (-6 + 5 \times 4) + 3!!) \times 2 - 1 - 0!.$

$1635 = -7^2 + 6^1 + 5^4 + 4^5 + 3^3 + 2^0 + 1^7 + 0^6$
$\quad = (7 + 6) \times 5 \times (\sqrt{4} + 3)^2 + 10.$

$1636 = -7^5 + 6^4 + 5^2 + 4^7 + 3^6 + 2^3 + 1^0 + 0^1$
$\quad = 76 + (5! + 4 + 32) \times 10.$

$1637 = 7^1 + 6^4 + 5^2 + 4^3 + 3^5 + 2^0 + 1^7 + 0^6$
$\quad = 7 + 6 + (5! - 4) \times (3! - 2 + 10).$

$1638 = -7^3 - 6^4 + 5^0 + 4^5 + 3^7 + 2^6 + 1^2 + 0^1$
$\quad = 7 \times 6 \times ((5 + 4) \times 3 + 2 + 10).$

$1639 = 7^1 + 6^2 - 5^4 + 4^0 + 3^7 + 2^5 + 1^6 + 0^3$
$\quad = -7 - 6 + 5^4 + 3 + 2^{10}.$

$1640 = -7^4 - 6^1 + 5^5 + 4^3 + 3^6 + 2^7 + 1^0 + 0^2$
$\quad = (-7 + 6 + 5) \times (43 - 2) \times 10.$

$1641 = -7^4 - 6^1 + 5^5 + 4^3 + 3^6 + 2^7 + 1^2 + 0^0$
$\quad = (-76 + 5^4) \times 3 - (2 + 1)! \times 0!.$

$1642 = -7^3 - 6^4 + 5^1 + 4^5 + 3^7 + 2^6 + 1^0 + 0^2$
$\quad = (7 \times 6 + 5 + 4) \times 32 + 10.$

$1643 = -7^3 - 6^4 + 5^1 + 4^5 + 3^7 + 2^6 + 1^2 + 0^0$
$\quad = 76 + 543 + 2^{10}.$

$1644 = 7^0 - 6^2 + 5^4 + 4^5 + 3^3 + 2^1 + 1^7 + 0^6$
$\quad = (-7 + 6!/5) \times 4 \times 3 + 21 \times 0.$

$1645 = -7^4 - 6^0 + 5^5 + 4^3 + 3^6 + 2^7 + 1^2 + 0^1$
$\quad = (7 + 6) \times 5! + 43 \times 2 \times 1 - 0!.$

$1646 = -7^0 + 6^4 - 5^2 + 4^1 + 3^5 + 2^7 + 1^6 + 0^3$
$\quad = (7 + 6) \times 5! + 43 \times 2 \times 1 \times 0!.$

$1647 = -7^4 + 6^0 + 5^5 + 4^3 + 3^6 + 2^7 + 1^2 + 0^1$
$\quad = (7 + 6) \times 5! + 43 \times 2 \times 1 + 0!.$

$1648 = 7^0 + 6^4 - 5^2 + 4^1 + 3^5 + 2^7 + 1^6 + 0^3$
$\quad = (7 + 6) \times 5! + 43 \times 2 + 1 + 0!.$

$1649 = 7^1 - 6^2 + 5^4 + 4^5 + 3^3 + 2^0 + 1^7 + 0^6$
$\quad = -7 + 6!/5 + 4! \times 3 \times 21 \times 0!.$

$1650 = 7^1 + 6^4 - 5^2 + 4^3 + 3^5 + 2^6 + 1^0 + 0^7$
$\quad = 7 \times 65 \times \sqrt{4} + 3!! + 2 \times 10.$

$1651 = -7^2 + 6^3 + 5^4 + 4^0 + 3^6 + 2^7 + 1^5 + 0^1$
$\quad = 76 \times (5^{\sqrt{4}} - 3) - 21 \times 0!.$

$1652 = -7^4 + 6^1 + 5^5 + 4^3 + 3^6 + 2^7 + 1^0 + 0^2$
$\quad = 76 \times (5^{\sqrt{4}} - 3) - 21 + 0!.$

$1653 = 7^2 + 6^3 + 5^4 + 4^0 + 3^6 + 2^5 + 1^7 + 0^1$
$\quad = (-76 + 5^4) \times 3 + (2 + 1)! \times 0!.$

$1654 = -7^2 + 6^3 + 5^4 + 4^1 + 3^6 + 2^7 + 1^0 + 0^5$
$\quad = (7 + 6! + 5!) \times \sqrt{4} - (3! - 2) \times 10.$

$1655 = -7^2 + 6^3 + 5^4 + 4^1 + 3^6 + 2^7 + 1^5 + 0^0$
$\quad = (7 + 6 \times 54) \times (-3 - 2 + 10).$

$1656 = 7^2 + 6^4 + 5^0 + 4^3 + 3^5 + 2^1 + 1^7 + 0^6$
$\quad = (-7 \times 6 + 5!/4 \times 3!) \times (2 + 10).$

$1657 = 7^2 + 6^3 + 5^4 + 4^1 + 3^6 + 2^5 + 1^7 + 0^0$
$\quad = -7 - 65 + (4 \times 3)^{2+1} + 0!.$

$1658 = 7^2 + 6^4 + 5^0 + 4^1 + 3^5 + 2^6 + 1^7 + 0^3$
$\quad = 7 \times (6! - 5! \times 4 - 3) - (21 \times 0)!.$

$1659 = 7^2 + 6^4 + 5^1 + 4^3 + 3^5 + 2^0 + 1^7 + 0^6$
$\quad = 7 \times (6! - 5! \times 4 - 3) + 21 \times 0.$

$1660 = -7^2 - 6^1 + 5^4 + 4^5 + 3^0 + 2^6 + 1^7 + 0^3$
$\quad = 7 \times (6! - 5! \times 4 - 3) + (21 \times 0)!.$

$1661 = -7^1 + 6^0 + 5^4 + 4^5 + 3^2 + 2^3 + 1^7 + 0^6$
$\quad = 7 \times (6!/\sqrt{5 + 4} - 3!/2) + 1 + 0!.$

$1662 = -7^1 + 6^4 + 5^0 + 4^3 + 3^5 + 2^6 + 1^7 + 0^2$
$\quad = -76 + 54 \times 32 + 10.$

$1663 = -7^1 + 6^4 + 5^3 + 4^0 + 3^5 + 2^2 + 1^7 + 0^6$
$\quad = 76 \times 5 + 4 \times 321 - 0!.$

$1664 = 7^0 + 6^4 - 5^1 + 4^3 + 3^5 + 2^6 + 1^7 + 0^2$
$\quad = 76 \times 5 + 4 \times 321 \times 0!.$

$1665 = 7^3 - 6^2 + 5^4 + 4^0 + 3^6 + 2^1 + 1^7 + 0^5$
$\quad = 76 \times 5 + 4 \times 321 + 0!.$

$1666 = 7^5 + 6^3 - 5^6 + 4^4 + 3^2 + 2^1 + 1^0 + 0^7$
$\quad = 7 \times (6 \times 5 + 4) \times (3! + 2 - 1 \times 0!).$

$1667 = 7^3 - 6^2 + 5^4 + 4^1 + 3^6 + 2^0 + 1^7 + 0^5$
$\quad = -7 - 6 + 5! \times (-4 - 3 + 21) \times 0!.$

$1668 = 7^0 + 6^2 - 5^4 + 4^1 + 3^7 + 2^6 + 1^5 + 0^3$
$\quad = -7 - 65 - 4 + 3!! + 2^{10}.$

$1669 = -7^2 + 6^0 + 5^4 + 4^5 + 3^1 + 2^6 + 1^7 + 0^3$
$\quad = 7 + 6 + 5! + 4! \times 32 \times (1 + 0!).$

$1670 = -7^0 - 6^3 + 5^1 + 4^5 + 3^6 + 2^7 + 1^4 + 0^2$
$\quad = (-7 + 6! + 5! - 4 + \sqrt{3!^2}) \times (1 + 0!).$

$1671 = 7^1 + 6^2 - 5^4 + 4^3 + 3^7 + 2^0 + 1^6 + 0^5$
$\quad = 76 \times (54 - 32) - 1 \times 0!.$

$1672 = -7^2 + 6^1 + 5^4 + 4^5 + 3^0 + 2^6 + 1^7 + 0^3$
$\quad = 76 \times (54 - 32) \times 1 \times 0!.$

$1673 = -7^4 + 6^3 + 5^5 + 4^0 + 3^6 + 2^1 + 1^7 + 0^2$
$\quad = 76 \times (54 - 32) + 1 \times 0!.$

$1674 = 7^0 + 6^4 + 5^3 + 4^1 + 3^5 + 2^2 + 1^7 + 0^6$
$\quad = (7 \times 6 \times 5 \times 4 - 3) \times 2 + 1 \times 0.$

$1675 = 7^1 + 6^0 + 5^4 + 4^5 + 3^2 + 2^3 + 1^7 + 0^6$
$\quad = (-7 + 6! - 5! - 4!) \times 3 - \sqrt{2^{10}}.$

$1676 = 7^1 + 6^4 + 5^0 + 4^3 + 3^5 + 2^6 + 1^7 + 0^2$
$\quad = 76 + (5 \times \sqrt{4^3})^2 \times 1 \times 0!.$

$1677 = 7^1 + 6^4 + 5^3 + 4^0 + 3^5 + 2^2 + 1^7 + 0^6$
$\quad = 76 + (5 \times \sqrt{4^3})^2 \times 1 + 0!.$

$1678 = -7^4 + 6^3 + 5^5 + 4^1 + 3^6 + 2^2 + 1^0 + 0^7$
$\quad = (7 + 6) \times (5! - 4 \times 3 + 21) + 0!.$

$1679 = -7^4 + 6^3 + 5^5 + 4^1 + 3^6 + 2^2 + 1^7 + 0^0$
$\quad = 7 \times 6!/\sqrt{5 + 4} - 3!/2 + 1 + 0!.$

$1680 = -7^0 - 6^2 + 5^4 + 4^5 + 3^1 + 2^6 + 1^7 + 0^3$
$\quad = (76 + 5 + 4!) \times (3 \times 2 + 10).$

$1681 = -7^2 + 6^4 + 5^3 + 4^0 + 3^5 + 2^6 + 1^7 + 0^1$
$= 7 - 6 + 5! \times (-4 - 3 + 21) \times 0!.$

$1682 = -7^4 + 6^2 + 5^5 + 4^3 + 3^6 + 2^7 + 1^0 + 0^1$
$= (7 + 6! + (-5 + 4!) \times 3!) \times 2 \times 1 + 0.$

$1683 = -7^4 + 6^2 + 5^5 + 4^3 + 3^6 + 2^7 + 1^1 + 0^0$
$= 7 \times 6!/5 - 4! + 3!! - 21 \times 0!.$

$1684 = 7^0 + 6^4 + 5^3 + 4^2 + 3^5 + 2^1 + 1^7 + 0^6$
$= (7 + (65 + 4) \times 3!) \times (2 + 1 + 0!).$

$1685 = -7^2 + 6^4 + 5^3 + 4^1 + 3^5 + 2^6 + 1^7 + 0^0$
$= (7 + 6) \times (5! + \sqrt{4^3}) + 21 \times 0!.$

$1686 = 7^3 + 6^4 + 5^0 + 4^1 + 3^2 + 2^5 + 1^7 + 0^6$
$= -7 \times 6 + (5 + 4 + 3)^{2+1} \times 0!.$

$1687 = 7^3 + 6^4 + 5^1 + 4^0 + 3^2 + 2^5 + 1^7 + 0^6$
$= -7 \times 6 - 5! + 43^2 \times 1 \times 0!.$

$1688 = 7^0 + 6^1 + 5^4 + 4^5 + 3^3 + 2^2 + 1^7 + 0^6$
$= -7 - 6!/5 + 43^2 - 10.$

$1689 = 7^1 + 6^4 + 5^3 + 4^2 + 3^5 + 2^0 + 1^7 + 0^6$
$= 7 \times (6! - 5! \times 4) + 3! + 2 + 1 \times 0!.$

$1690 = 7^0 + 6^4 + 5^1 + 4^2 + 3^5 + 2^7 + 1^6 + 0^3$
$= (7 \times 6 \times 5 - 43 + 2) \times 10.$

$1691 = -7^2 - 6^0 + 5^4 + 4^5 + 3^3 + 2^6 + 1^7 + 0^1$
$= (-7 + 6 \times (5 + 4)) \times 3!^2 - 1 \times 0!.$

$1692 = 7^3 + 6^4 + 5^0 + 4^2 + 3^1 + 2^5 + 1^7 + 0^6$
$= 76 \times (5^{\sqrt{4}} - 3) + 21 - 0!.$

$1693 = -7^3 + 6^4 + 5^1 + 4^0 + 3^6 + 2^2 + 1^7 + 0^5$
$= 76 \times (5^{\sqrt{4}} - 3) + 21 \times 0!.$

$1694 = 7^3 + 6^4 + 5^1 + 4^2 + 3^0 + 2^5 + 1^7 + 0^6$
$= 7 \times (6 + 5) \times \sqrt{4} \times (3 - 2 + 10).$

$1695 = 7^3 - 6^2 + 5^4 + 4^0 + 3^6 + 2^5 + 1^7 + 0^1$
$= (-7 + 6!/5 - 4!) \times (3 + 2 + 10).$

$1696 = -7^0 + 6^4 + 5^2 + 4^1 + 3^5 + 2^7 + 1^6 + 0^3$
$= (7 + 6! + 5! + 4 - 3) \times 2 \times 1 \times 0!.$

$1697 = 7^3 - 6^1 + 5^4 + 4^0 + 3^6 + 2^2 + 1^7 + 0^5$
$= -7 + 6! + 5! + (4! + 3) \times \sqrt{2^{10}}.$

$1698 = 7^0 + 6^4 + 5^2 + 4^1 + 3^5 + 2^7 + 1^6 + 0^3$
$= (76 - 5) \times 4! - 3 \times 2 - 1 - 0!.$

$1699 = -7^2 + 6^1 + 5^4 + 4^5 + 3^3 + 2^6 + 1^7 + 0^0$
$= -7 + 6! + 5^4 + 3!!/2 + 1 \times 0!.$

$1700 = 7^1 + 6^4 + 5^2 + 4^3 + 3^5 + 2^6 + 1^0 + 0^7$
$= (-7 + 65 + 4! + 3) \times (21 - 0!).$

$1701 = 7^3 + 6^4 + 5^2 + 4^0 + 3^1 + 2^5 + 1^7 + 0^6$
$= (76 + 5) \times (4 \times (3 + 2) \times 1 + 0!).$

$1702 = 7^3 + 6^4 + 5^2 + 4^1 + 3^0 + 2^5 + 1^7 + 0^6$
$= (7 + 65 + \sqrt{4}) \times (3 + 2 \times 10).$

$1703 = 7^1 + 6^2 - 5^4 + 4^3 + 3^7 + 2^5 + 1^6 + 0^0$
$= -7 + 6! + 5 \times (-4 \times 3 + 210).$

$1704 = 7^0 + 6^3 + 5^4 + 4^1 + 3^6 + 2^7 + 1^5 + 0^2$
$= (7 - 6) \times (5! + 4! \times 3 \times (21 + 0!)).$

$1705 = -7^3 + 6^4 + 5^1 + 4^2 + 3^6 + 2^0 + 1^7 + 0^5$
$= 76 + 543 \times (2 + 1) \times 0!.$

$1706 = 7^0 - 6^2 + 5^4 + 4^5 + 3^3 + 2^6 + 1^7 + 0^1$
$= (7 + 65) \times 4! - 32 + 10.$

$1707 = 7^3 + 6^0 + 5^4 + 4^1 + 3^6 + 2^2 + 1^7 + 0^5$
$= -7 + 6! - 5 \times \sqrt{4} \times 3 + 2^{10}.$

$1708 = -7^1 + 6^3 + 5^4 + 4^2 + 3^6 + 2^7 + 1^0 + 0^5$
$= (76 - 5) \times 4! + 3 + 2 \times 1 - 0!.$

$1709 = 7^3 + 6^1 + 5^4 + 4^0 + 3^6 + 2^2 + 1^7 + 0^5$
$= (76 - 5) \times 4! + 3 + 2 \times 1 \times 0!.$

$1710 = -7^4 + 6^1 - 5^2 + 4^6 + 3^0 + 2^5 + 1^7 + 0^3$
$= (76 - 5) \times 4! + 3 + 2 \times 1 + 0!.$

$1711 = 7^2 + 6^0 + 5^4 + 4^5 + 3^1 + 2^3 + 1^7 + 0^6$
$= -7 \times 6 + (5 + 4)^3 + 2^{10}.$

$1712 = 7^1 - 6^2 + 5^4 + 4^5 + 3^3 + 2^6 + 1^0 + 0^7$
$= (-7 - 6 + 5!) \times 4 \times (-3 \times 2 + 10).$

$1713 = -7^3 + 6^4 + 5^2 + 4^1 + 3^6 + 2^0 + 1^7 + 0^5$
$= -7 - 6 + 54 \times 32 - 1 - 0!.$

$1714 = 7^2 + 6^1 + 5^4 + 4^5 + 3^0 + 2^3 + 1^7 + 0^6$
$= (76 - 5) \times 4 \times 3 \times 2 + 10.$

$1715 = 7^3 - 6^0 + 5^4 + 4^2 + 3^6 + 2^1 + 1^7 + 0^5$
$= 7 \times (6 \times (5 + 4 + 32) - 1) \times 0!.$

$1716 = 7^0 + 6^3 + 5^4 + 4^2 + 3^6 + 2^7 + 1^5 + 0^1$
$= (7 + 6) \times (5 \times 4 \times 3! + 2 + 10).$

$1717 = 7^3 + 6^0 + 5^4 + 4^2 + 3^6 + 2^1 + 1^7 + 0^5$
$= 7 \times 6 + 54 \times (32 - 1) + 0!.$

$1718 = 7^3 + 6^4 + 5^0 + 4^1 + 3^2 + 2^6 + 1^7 + 0^5$
$= (7 + 65) \times 4! - 3! - 2 - 1 - 0!.$

$1719 = 7^3 + 6^4 + 5^1 + 4^0 + 3^2 + 2^6 + 1^7 + 0^5$
$= (7 + 65) \times 4! - 3 \times (2 + 1) \times 0!.$

$1720 = -7^4 + 6^1 + 5^0 + 4^6 + 3^2 + 2^3 + 1^7 + 0^5$
$= (-7 + 65) \times 4 \times 3 + 2^{10}.$

$1721 = 7^3 + 6^1 + 5^4 + 4^2 + 3^6 + 2^0 + 1^7 + 0^5$
$= (7 + 65) \times 4! - 3^2 + 1 + 0!.$

$1722 = 7^2 + 6^4 + 5^1 + 4^3 + 3^5 + 2^6 + 1^0 + 0^7$
$= (-7 - 6 + 54) \times (32 + 10).$

$1723 = 7^2 + 6^4 + 5^1 + 4^3 + 3^5 + 2^6 + 1^7 + 0^0$
$= 7 + (6 + 5 \times 4) \times 3 \times (21 + 0!).$

$1724 = 7^3 + 6^4 + 5^0 + 4^2 + 3^1 + 2^6 + 1^7 + 0^5$
$= -76 + 5! + (\sqrt{4} + 3!) \times 210.$

$1725 = 7^3 - 6^1 + 5^4 + 4^0 + 3^6 + 2^5 + 1^7 + 0^2$
$= 7 + 6 \times (5 + 4) \times 32 - 10.$

$1726 = 7^3 + 6^4 + 5^1 + 4^2 + 3^0 + 2^6 + 1^7 + 0^5$
$= (7 - 6) \times (54 \times 32 - 1 - 0!).$

$1727 = -7^2 + 6^0 + 5^1 + 4^5 + 3^6 + 2^4 + 1^7 + 0^3$
$= 7 - 6 + (54 \times 32 - 1 - 0!).$

$1728 = -7^2 + 6^1 + 5^0 + 4^5 + 3^6 + 2^4 + 1^7 + 0^3$
$= (7 + 65) \times 4! + 321 \times 0.$

$1729 = 7^2 + 6^0 + 5^4 + 4^5 + 3^3 + 2^1 + 1^7 + 0^6$
$= (7 + 6) \times (-5 - 4! \times 3 + 210).$

$1730 = 7^0 + 6^1 + 5^4 + 4^5 + 3^2 + 2^6 + 1^7 + 0^3$
$= (-7 + 6 + 5) \times 432 + 1 + 0!.$

$1731 = 7^1 + 6^0 + 5^4 + 4^5 + 3^2 + 2^6 + 1^7 + 0^3$
$= (7 + 65) \times 4! + 3 - 2 + 1 + 0!.$

$1732 = -7^5 + 6^4 + 5^3 + 4^7 + 3^6 + 2^2 + 1^0 + 0^1$
$\quad = 7 \times (6 + 5!) \times \sqrt{4} - 32 + 1 - 0!.$

$1733 = 7^3 + 6^4 + 5^2 + 4^0 + 3^1 + 2^6 + 1^7 + 0^5$
$\quad = 7 - 6 + 5 + (4 \times 3)^{2+1} - 0!.$

$1734 = 7^3 + 6^4 + 5^2 + 4^1 + 3^0 + 2^6 + 1^7 + 0^5$
$\quad = (-7 + 6! + 5! - \sqrt{4} + 3!^2) \times (1 + 0!).$

$1735 = 7^3 + 6^0 + 5^4 + 4^1 + 3^6 + 2^5 + 1^7 + 0^2$
$\quad = 7 + 6 - 5 + (4 \times 3)^{2+1} - 0!.$

$1736 = -7^4 + 6^1 + 5^2 + 4^6 + 3^0 + 2^3 + 1^7 + 0^5$
$\quad = 7 \times (6 \times 5 + 4 - 3) \times (-2 + 10).$

$1737 = 7^3 + 6^2 + 5^4 + 4^0 + 3^6 + 2^1 + 1^7 + 0^5$
$\quad = -7 + 654/3 \times (-2 + 10).$

$1738 = 7^0 + 6^4 + 5^1 + 4^3 + 3^5 + 2^7 + 1^6 + 0^2$
$\quad = (-7 + 6 + 5) \times 432 + 10.$

$1739 = 7^3 + 6^2 + 5^4 + 4^1 + 3^6 + 2^0 + 1^7 + 0^5$
$\quad = (-7 + 6! - 5! - 4!) \times 3 + \sqrt{2^{10}}.$

$1740 = 7^1 + 6^4 + 5^0 + 4^3 + 3^5 + 2^7 + 1^6 + 0^2$
$\quad = -7 \times 6 + 54 \times (32 + 1) \times 0!.$

$1741 = -7^3 + 6^4 + 5^2 + 4^0 + 3^6 + 2^5 + 1^7 + 0^1$
$\quad = -7 + (6! + 5! - \sqrt{4} + 3!^2) \times (1 + 0!).$

$1742 = 7^1 - 6^2 + 5^0 + 4^5 + 3^6 + 2^4 + 1^7 + 0^3$
$\quad = 7 + (6 - 5! + 43^2) \times 1 \times 0!.$

$1743 = -7^4 + 6^0 + 5^1 + 4^6 + 3^2 + 2^5 + 1^7 + 0^3$
$\quad = 7 \times (65 \times 4 - 3^2 - 1 - 0!).$

$1744 = -7^4 + 6^2 + 5^0 + 4^6 + 3^1 + 2^3 + 1^7 + 0^5$
$\quad = 7 + 6 - 5! + 43^2 + 1 + 0!.$

$1745 = -7^3 + 6^4 + 5^2 + 4^1 + 3^6 + 2^5 + 1^7 + 0^0$
$\quad = 7 + 6 \times (5 + 4) \times 32 + 10.$

$1746 = 7^0 + 6^4 + 5^3 + 4^2 + 3^5 + 2^6 + 1^7 + 0^1$
$\quad = 7 + 6 + 5 + (\sqrt{4} \times 3!)^{2+1} \times 0!.$

$1747 = 7^3 + 6^0 + 5^4 + 4^2 + 3^6 + 2^5 + 1^7 + 0^1$
$\quad = 76 \times (5 \times 4 + 3) - 2 \times 1 + 0!.$

$1748 = 7^0 + 6^1 + 5^4 + 4^5 + 3^3 + 2^6 + 1^7 + 0^2$
$\quad = 76 \times (-5 - 4 + 32 \times 1) \times 0!.$

$1749 = 7^2 + 6^3 + 5^4 + 4^0 + 3^6 + 2^7 + 1^5 + 0^1$
$\quad = (7 - 6) \times (5 + (\sqrt{4} \times 3)!) + 2^{10}.$

$1750 = -7^1 + 6^4 + 5^2 + 4^3 + 3^5 + 2^7 + 1^0 + 0^6$
$\quad = 76 + 54 \times (32 - 1) \times 0!.$

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

$1752 = 7^3 + 6^1 + 5^4 + 4^2 + 3^6 + 2^5 + 1^0 + 0^7$
$\quad = -7 + 6! + 5!/(4!/3) + 2^{10}.$

$1753 = 7^3 + 6^1 + 5^4 + 4^2 + 3^6 + 2^5 + 1^7 + 0^0$
$\quad = (-7 + 6! - 5! + \sqrt{4}) \times 3 - \sqrt{2^{10}}.$

$1754 = 7^0 + 6^2 + 5^4 + 4^5 + 3^1 + 2^6 + 1^7 + 0^3$
$\quad = 7 + 6! + (5 - 4) \times 3 + 2^{10}.$

$1755 = -7^4 + 6^1 + 5^2 + 4^6 + 3^3 + 2^0 + 1^7 + 0^5$
$\quad = 7 + (6! + 5! - \sqrt{4} + 3!^2) \times (1 + 0!).$

$1756 = -7^0 + 6^4 + 5^2 + 4^3 + 3^5 + 2^7 + 1^6 + 0^1$
$\quad = 7 + 6! + 5 + (-\sqrt{4} + 3) \times 2^{10}.$

$1757 = -7^4 + 6^0 + 5^2 + 4^6 + 3^1 + 2^5 + 1^7 + 0^3$
$\quad = -7 + (-6 + 5 \times 4) \times 3! \times 21 \times 0!.$

$1758 = 7^1 + 6^2 + 5^4 + 4^5 + 3^0 + 2^6 + 1^7 + 0^3$
$\quad = 76 \times (-5 - 4 + 32) + 10.$

$1759 = -7^4 - 6^0 + 5^1 + 4^6 + 3^3 + 2^5 + 1^7 + 0^2$
$\quad = -7 \times 6 + (-5! + (\sqrt{4} \times 3)!) \times (2 + 1) + 0!.$

$1760 = -7^4 + 6^1 + 5^2 + 4^6 + 3^0 + 2^5 + 1^7 + 0^3$
$\quad = (-76 + 5!) \times (-4 + 3! + 2) \times 10.$

$1761 = -7^4 + 6^0 + 5^1 + 4^6 + 3^3 + 2^5 + 1^7 + 0^2$
$\quad = (7 \times 6)^{(\sqrt{5+4})!}/3) - 2 - 1 \times 0!.$

$1762 = -7^4 + 6^2 + 5^0 + 4^6 + 3^3 + 2^1 + 1^7 + 0^5$
$\quad = (7 \times 6)^{(\sqrt{5+4})!}/3) - 2 - 1 + 0!.$

$1763 = -7^2 + 6^1 + 5^4 + 4^5 + 3^3 + 2^7 + 1^6 + 0^0$
$\quad = (7 \times 6)^{(\sqrt{5+4})!}/3) - 2 + 1 \times 0!.$

$1764 = 7^1 + 6^4 + 5^2 + 4^3 + 3^5 + 2^7 + 1^0 + 0^6$
$\quad = 7 \times (6 - 5 \times 4) \times (3 - 21) \times 0!.$

$1765 = 7^1 + 6^4 + 5^2 + 4^3 + 3^5 + 2^7 + 1^6 + 0^0$
$\quad = 765 - 4 \times 3! + 2^{10}.$

$1766 = -7^4 + 6^2 - 5^0 + 4^6 + 3^1 + 2^5 + 1^7 + 0^3$
$\quad = (7 \times 6)^{(\sqrt{5+4})!}/3) + 2 \times 1 \times 0!.$

$1767 = 7^3 + 6^2 + 5^4 + 4^0 + 3^6 + 2^5 + 1^7 + 0^1$
$\quad = (7 \times 6)^{(\sqrt{5+4})!}/3) + 2 + 1 \times 0!.$

$1768 = -7^4 + 6^2 + 5^0 + 4^6 + 3^1 + 2^5 + 1^7 + 0^3$
$\quad = 7 \times 6 + 54 \times 32 - 1 - 0!.$

$1769 = 7^1 - 6^2 + 5^4 - 4^5 + 3^7 + 2^3 + 1^6 + 0^0$
$\quad = 76 \times (5 \times 4 + 3) + 21 \times 0!.$

$1770 = 7^3 + 6^2 + 5^4 + 4^1 + 3^6 + 2^5 + 1^0 + 0^7$
$\quad = (7 + 65) \times 4! + 32 + 10.$

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

$1772 = -7^0 - 6^4 + 5^5 - 4^3 + 3^1 + 2^2 + 1^7 + 0^6$
$\quad = (-76 + 5!) \times 4! + 3!! - 2 \times (1 + 0!).$

$1773 = 7^3 + 6^4 - 5^1 + 4^0 + 3^2 + 2^7 + 1^6 + 0^5$
$\quad = (7 + 654) \times 3 - 210.$

$1774 = -7^4 - 6^1 + 5^2 + 4^6 + 3^3 + 2^5 + 1^0 + 0^7$
$\quad = 7 + 6! + 5 \times 4 + 3 + 2^{10}.$

$1775 = -7^4 - 6^1 + 5^2 + 4^6 + 3^3 + 2^5 + 1^7 + 0^0$
$\quad = 76 \times 5^{\sqrt{4}} - 3! \times 21 + 0!.$

$1776 = -7^0 + 6^2 + 5^4 + 4^5 + 3^3 + 2^6 + 1^7 + 0^1$
$\quad = (7 \times 6 - 5) \times (4! + 3 + 21) \times 0!.$

$1777 = 7^1 - 6^2 + 5^4 + 4^5 + 3^3 + 2^7 + 1^6 + 0^0$
$\quad = -7 - 65 + 43^2 + 1 - 0!.$

$1778 = 7^0 + 6^2 + 5^4 + 4^5 + 3^3 + 2^6 + 1^7 + 0^1$
$\quad = 7 \times (-6 + 54 \times (3 + 2) - 10).$

$1779 = 7^2 + 6^4 + 5^3 + 4^0 + 3^5 + 2^6 + 1^7 + 0^1$
$\quad = 765 - 4 - 3! + 2^{10}.$

$1780 = -7^0 - 6^1 + 5^4 + 4^5 + 3^2 + 2^7 + 1^6 + 0^3$
$\quad = 7 \times 6 + 54 \times 32 + 10.$

$1781 = -7^4 + 6^0 + 5^2 + 4^6 + 3^3 + 2^5 + 1^7 + 0^1$
$\quad = 7 \times (6 + 5) \times (4! - 3 + 2) + 10.$

$1782 = 7^3 + 6^4 + 5^0 + 4^1 + 3^2 + 2^7 + 1^6 + 0^5$
$\quad = (76 + 5) \times (43 - 21) \times 0!.$

$1783 = 7^3 + 6^4 + 5^1 + 4^0 + 3^2 + 2^7 + 1^6 + 0^5$
$= 765 - \sqrt{4} \times 3 + 2^{10}.$

$1784 = 7^1 + 6^2 + 5^4 + 4^5 + 3^3 + 2^6 + 1^0 + 0^7$
$= -7 + 6! + (54 - 3) \times 21 \times 0!.$

$1785 = 7^1 + 6^2 + 5^4 + 4^5 + 3^3 + 2^6 + 1^7 + 0^0$
$= (7 - 6 - 5!) \times (4 + 3 - 21 - 0!).$

$1786 = 7^2 + 6^4 + 5^1 + 4^3 + 3^5 + 2^7 + 1^0 + 0^6$
$= (7 \times 6 + 5) \times \sqrt{4} \times (3^2 + 10).$

$1787 = 7^2 + 6^4 + 5^1 + 4^3 + 3^5 + 2^7 + 1^6 + 0^0$
$= 76 \times 5 \times \sqrt{4} + 3 + 2^{10}.$

$1788 = 7^3 + 6^4 + 5^0 + 4^2 + 3^1 + 2^7 + 1^6 + 0^5$
$= 7 \times 65 \times 4 - 32 + 1 - 0!.$

$1789 = -7^1 + 6^0 + 5^2 + 4^5 + 3^6 + 2^4 + 1^7 + 0^3$
$= (-7 + 6 \times 5)^{\sqrt{4}} + 3! \times 210.$

$1790 = 7^3 + 6^4 + 5^1 + 4^2 + 3^0 + 2^7 + 1^6 + 0^5$
$= 7 - 65 + 43^2 - 1 \times 0!.$

$1791 = 7^2 + 6^0 + 5^4 + 4^5 + 3^3 + 2^6 + 1^7 + 0^1$
$= 7 - 65 + 43^2 \times 1 \times 0!.$

$1792 = -7^4 + 6^2 + 5^0 + 4^6 + 3^3 + 2^5 + 1^7 + 0^1$
$= -7 + 6! + 5 \times 4! \times 3 \times (2 + 1) - 0!.$

$1793 = 7^1 - 6^0 + 5^4 + 4^5 + 3^2 + 2^7 + 1^6 + 0^3$
$= -7 + 6! + 5! \times 4! \times 3/(-2 + 10).$

$1794 = 7^0 + 6^1 + 5^4 + 4^5 + 3^2 + 2^7 + 1^6 + 0^3$
$= (7 + 6) \times (5 + 4^3) \times 2 \times 1 \times 0!.$

$1795 = 7^1 + 6^0 + 5^4 + 4^5 + 3^2 + 2^7 + 1^6 + 0^3$
$= 765 + \sqrt{4} \times 3 + 2^{10}.$

$1796 = 7^2 + 6^1 + 5^4 + 4^5 + 3^3 + 2^6 + 1^0 + 0^7$
$= 76 + 5 \times (4! + 321 - 0!).$

$1797 = 7^3 + 6^4 + 5^2 + 4^0 + 3^1 + 2^7 + 1^6 + 0^5$
$= -7 + (6 + 5! + 4) \times 3! + 2^{10}.$

$1798 = 7^3 + 6^4 + 5^2 + 4^1 + 3^0 + 2^7 + 1^6 + 0^5$
$= -7 + 6! + 543 \times 2 - 1 \times 0!.$

$1799 = -7^4 + 6^3 + 5^5 + 4^0 + 3^6 + 2^7 + 1^2 + 0^1$
$= 7 \times 65 + 4^3 \times 21 \times 0!.$

$1800 = -7^1 + 6^2 + 5^0 + 4^5 + 3^6 + 2^4 + 1^7 + 0^3$
$= (7 - 6 + 5) \times (-\sqrt{4} + 32) \times 10.$

$1801 = 7^1 + 6^4 + 5^3 + 4^0 + 3^5 + 2^7 + 1^6 + 0^2$
$= 7 - 65 + 43^2 + 10.$

$1802 = 7^0 + 6^1 + 5^2 + 4^5 + 3^6 + 2^4 + 1^7 + 0^3$
$= 76 + 5 \times (4! + 321) + 0!.$

$1803 = 7^1 + 6^0 + 5^2 + 4^5 + 3^6 + 2^4 + 1^7 + 0^3$
$= (-7 + 6! - 5! + 4!/3) \times (2 + 1) \times 0!.$

$1804 = 7^0 + 6^2 + 5^1 + 4^5 + 3^6 + 2^3 + 1^7 + 0^4$
$= 76 + 54 \times 32 + 1 - 0!.$

$1805 = -7^1 + 6^3 - 5^4 + 4^0 + 3^7 + 2^5 + 1^6 + 0^2$
$= 76 + 54 \times 32 + 1 \times 0!.$

$1806 = 7^1 + 6^2 + 5^0 + 4^5 + 3^6 + 2^3 + 1^7 + 0^4$
$= 7 \times (65 + 4^3) \times 2 \times 1 \times 0!.$

$1807 = 7^2 + 6^0 - 5^3 + 4^5 + 3^6 + 2^7 + 1^4 + 0^1$
$= 7 + 6! + 5! \times 4! \times 3/(-2 + 10).$

$1808 = -7^1 + 6^2 + 5^4 + 4^5 + 3^0 + 2^7 + 1^6 + 0^3$
$= (7 - 6 \times 5 \times 4) \times (3! - 21 - 0!).$

$1809 = -7^4 - 6^1 - 5^3 + 4^6 + 3^5 + 2^0 + 1^7 + 0^2$
$= -7 + 6! + 543 \times 2 + 10.$

$1810 = 7^0 + 6^4 + 5^3 + 4^2 + 3^5 + 2^7 + 1^6 + 0^1$
$= 765 + 4! - 3 + 2^{10}.$

$1811 = 7^1 - 6^0 + 5^4 + 4^5 + 3^3 + 2^7 + 1^6 + 0^2$
$= 7 + 65 \times 4 \times 3 + 2^{10}.$

$1812 = 7^0 + 6^2 + 5^1 + 4^5 + 3^6 + 2^4 + 1^7 + 0^3$
$= 7 \times (-6 + 5!) - 4 - 3! + 2^{10}.$

$1813 = 7^1 + 6^0 + 5^4 + 4^5 + 3^3 + 2^7 + 1^6 + 0^2$
$= -7 \times 6 + 5^4 \times 3 - 2 \times 10.$

$1814 = 7^1 + 6^2 + 5^0 + 4^5 + 3^6 + 2^4 + 1^7 + 0^3$
$= (7 - 6 + 5!) \times (4 + 3! \times 2 - 1) - 0!.$

$1815 = -7^4 + 6^3 + 5^5 + 4^2 + 3^6 + 2^7 + 1^1 + 0^0$
$= 7 \times 65 \times 4 + 3 + 2 - 10.$

$1816 = 7^1 + 6^4 + 5^3 + 4^2 + 3^5 + 2^7 + 1^0 + 0^6$
$= 7 \times 65 \times 4 + 3 \times 2 - 10.$

$1817 = 7^2 + 6^0 + 5^1 + 4^5 + 3^6 + 2^3 + 1^7 + 0^4$
$= (-7 + 6! - 5! + \sqrt{4}) \times 3 + \sqrt{2^{10}}.$

$1818 = 7^2 + 6^1 + 5^0 + 4^5 + 3^6 + 2^3 + 1^7 + 0^4$
$= 7 \times 65 \times 4 - 3 + 2 - 1 \times 0!.$

$1819 = 7^1 + 6^3 - 5^4 + 4^0 + 3^7 + 2^5 + 1^6 + 0^2$
$= 7 \times 65 \times 4 + 3 - 2 - 1 - 0!.$

$1820 = -7^2 + 6^3 + 5^4 + 4^5 + 3^0 + 2^1 + 1^7 + 0^6$
$= 7 \times (-6 - 54 + 32 \times 10).$

$1821 = -7^2 + 6^3 + 5^4 + 4^5 + 3^1 + 2^0 + 1^7 + 0^6$
$= -7 \times 6 + 5^4 \times 3 - 2 - 10.$

$1822 = 7^1 + 6^2 + 5^4 + 4^5 + 3^0 + 2^7 + 1^6 + 0^3$
$= 7 \times 65 \times 4 + 3 - 2 + 1 \times 0!.$

$1823 = 7^2 - 6^0 + 5^1 + 4^5 + 3^6 + 2^4 + 1^7 + 0^3$
$= -7 \times 6 + 5 + \sqrt{4} \times (3!! + 210).$

$1824 = 7^2 + 6^1 - 5^0 + 4^5 + 3^6 + 2^4 + 1^7 + 0^3$
$= 76 \times (5 - 4) \times 3 \times (-2 + 10).$

$1825 = 7^2 + 6^0 + 5^1 + 4^5 + 3^6 + 2^4 + 1^7 + 0^3$
$= 7 \times 65 \times 4 - 3 - 2 + 10.$

$1826 = 7^2 + 6^1 + 5^0 + 4^5 + 3^6 + 2^4 + 1^7 + 0^3$
$= 7 - 6 \times 5 + 43^2 \times 1 \times 0!.$

$1827 = -7^4 - 6^0 + 5^3 + 4^6 + 3^1 + 2^2 + 1^7 + 0^5$
$= 7 - 6 \times 5 + 43^2 + 1 \times 0!.$

$1828 = -7^3 + 6^4 + 5^0 + 4^2 + 3^6 + 2^7 + 1^5 + 0^1$
$= (7 + 6) \times (5! + 4) + 3! + 210.$

$1829 = -7^4 + 6^0 + 5^3 + 4^6 + 3^1 + 2^2 + 1^7 + 0^5$
$= -7 + 6 \times (5 \times (4! + 3!^2 + 1) + 0!).$

$1830 = -7^3 - 6^2 + 5^0 + 4^1 + 3^7 + 2^4 + 1^6 + 0^5$
$= 7 \times 65 \times 4 \times (3 - 2) + 10.$

$1831 = 7^3 + 6^0 + 5^4 + 4^1 + 3^6 + 2^7 + 1^5 + 0^2$
$= 7 \times 65 \times 4 + 3^2 + 1 + 0!.$

$1832 = -7^4 + 6^1 + 5^3 + 4^6 + 3^0 + 2^2 + 1^7 + 0^5$
$= 7 + (-6 + 5!)/\sqrt{4} \times 32 + 1 \times 0!.$

$1833 = 7^3 + 6^1 + 5^4 + 4^0 + 3^6 + 2^7 + 1^5 + 0^2$
$= (7 \times 6 + 5) \times (\sqrt{4} + 3!^2 + 1) \times 0!.$

$1834 = 7^2 + 6^1 + 5^4 + 4^5 + 3^0 + 2^7 + 1^6 + 0^3$
$\quad\ = (7 + 6) \times 5! + 4^3 + 210.$

$1835 = -7^1 + 6^2 + 5^4 + 4^5 + 3^3 + 2^7 + 1^6 + 0^0$
$\quad\ = (7 \times 6 \times 5 - 4!) \times 3! + (2 + 1)!! - 0!.$

$1836 = 7^3 - 6^1 + 5^4 + 4^2 + 3^6 + 2^7 + 1^0 + 0^5$
$\quad\ = (7 \times 6 + 5 + 4) \times 3 \times (2 + 10).$

$1837 = -7^4 + 6^1 + 5^3 + 4^6 + 3^2 + 2^0 + 1^7 + 0^5$
$\quad\ = 7 \times (6 + 5) \times 4! - 3! \times 2 \times 1 + 0!.$

$1838 = -7^4 + 6^1 - 5^0 + 4^6 + 3^2 + 2^7 + 1^5 + 0^3$
$\quad\ = 7 + 6 + 5^4 + (3 + 2)! \times 10.$

$1839 = -7^4 + 6^0 + 5^1 + 4^6 + 3^2 + 2^7 + 1^5 + 0^3$
$\quad\ = 7 + (6! - 5! + 4) \times 3 + 2 \times 10.$

$1840 = -7^4 + 6^1 + 5^0 + 4^6 + 3^2 + 2^7 + 1^5 + 0^3$
$\quad\ = 76 \times 5 \times 4 + 321 - 0!.$

$1841 = -7^3 + 6^4 + 5^2 + 4^1 + 3^6 + 2^7 + 1^5 + 0^0$
$\quad\ = 76 \times 5 \times 4 + 321 \times 0!.$

$1842 = 7^0 + 6^2 + 5^4 + 4^5 + 3^3 + 2^7 + 1^6 + 0^1$
$\quad\ = 76 \times 5 \times 4 + 321 + 0!.$

$1843 = 7^3 + 6^0 + 5^4 + 4^2 + 3^6 + 2^7 + 1^5 + 0^1$
$\quad\ = 7 + 6 \times (5 \times (4! + 3!^2 + 1) + 0!).$

$1844 = -7^4 - 6^1 + 5^2 + 4^6 + 3^0 + 2^7 + 1^5 + 0^3$
$\quad\ = 7 - 6 + 5^4 \times 3 - \sqrt{2^{10}}.$

$1845 = -7^2 - 6^0 + 5^3 + 4^5 + 3^6 + 2^4 + 1^7 + 0^1$
$\quad\ = (-7 - 6 + 5^4 + 3) \times (2 + 1) \times 0!.$

$1846 = 7^2 + 6^4 + 5^3 + 4^1 + 3^5 + 2^7 + 1^0 + 0^6$
$\quad\ = (-7 \times 6 + 5!) \times 4! + 3! - \sqrt{2^{10}}.$

$1847 = 7^2 + 6^4 + 5^3 + 4^1 + 3^5 + 2^7 + 1^6 + 0^0$
$\quad\ = 7 \times (65 \times 4 + 3 + 2 - 1) - 0!.$

$1848 = 7^3 + 6^1 + 5^4 + 4^2 + 3^6 + 2^7 + 1^0 + 0^5$
$\quad\ = \sqrt{76 + 5} + 43^2 - 10.$

$1849 = 7^3 + 6^1 + 5^4 + 4^2 + 3^6 + 2^7 + 1^5 + 0^0$
$\quad\ = (76 - 5 + 4 - 32)^{1+0!}.$

$1850 = -7^2 - 6^4 + 5^5 + 4^1 + 3^0 + 2^6 + 1^7 + 0^3$
$\quad\ = 76 \times 5 + (4 + 3) \times 210.$

$1851 = 7^1 - 6^2 + 5^3 + 4^5 + 3^6 + 2^0 + 1^7 + 0^4$
$\quad\ = -7 + 6 + 5 + 43^2 - 1 - 0!.$

$1852 = -7^2 + 6^1 + 5^3 + 4^5 + 3^6 + 2^4 + 1^0 + 0^7$
$\quad\ = 7 \times 65 \times 4 + 32 - 1 + 0!.$

$1853 = -7^4 + 6^0 + 5^2 + 4^6 + 3^1 + 2^7 + 1^5 + 0^3$
$\quad\ = 7 \times 65 \times 4 + 32 + 1 + 0.$

$1854 = 7^1 - 6^2 + 5^0 + 4^5 + 3^6 + 2^7 + 1^4 + 0^3$
$\quad\ = -7 + 6 + 5^4 \times 3 - 2 \times 10.$

$1855 = 7^2 + 6^0 + 5^4 + 4^5 + 3^3 + 2^7 + 1^6 + 0^1$
$\quad\ = (7 - 6) \times 5^4 \times 3 - 2 \times 10.$

$1856 = -7^4 + 6^1 + 5^2 + 4^6 + 3^0 + 2^7 + 1^5 + 0^3$
$\quad\ = 7 - 6 + 5^4 \times 3 - 2 \times 10.$

$1857 = -7^4 + 6^0 + 5^3 + 4^6 + 3^1 + 2^5 + 1^7 + 0^2$
$\quad\ = (76 + 543) \times (2 + 1) + 0.$

$1858 = -7^4 + 6^1 + 5^0 + 4^6 + 3^3 + 2^7 + 1^5 + 0^2$
$\quad\ = -7 + 6 \times (-5! + 432 - 1) - 0!.$

$1859 = -7^3 + 6^1 - 5^2 + 4^0 + 3^7 + 2^5 + 1^6 + 0^4$
$\quad\ = 7 \times (6 + 5) \times 4! + 3! \times 2 \times 1 - 0!.$

$1860 = 7^2 + 6^1 + 5^4 + 4^5 + 3^3 + 2^7 + 1^0 + 0^6$
$\quad\ = (7 \times 6 + 54 - 3) \times (21 - 0!).$

$1861 = 7^2 + 6^1 + 5^4 + 4^5 + 3^3 + 2^7 + 1^6 + 0^0$
$\quad\ = -7 - 6 + (5^4 \times \sqrt{3^2} - 1) \times 0!.$

$1862 = 7^1 - 6^4 + 5^5 + 4^2 + 3^0 + 2^3 + 1^7 + 0^6$
$\quad\ = 7 \times (65 \times 4 + 3) + 21 + 0.$

$1863 = 7^3 + 6^2 + 5^4 + 4^0 + 3^6 + 2^7 + 1^5 + 0^1$
$\quad\ = 7 \times (6 + 5) \times 4! + 3 + 2 + 10.$

$1864 = -7^4 + 6^2 + 5^0 + 4^6 + 3^1 + 2^7 + 1^5 + 0^3$
$\quad\ = (76 + 5) \times (4! - 3 + 2) + 1 \times 0!.$

$1865 = 7^2 + 6^3 - 5^4 + 4^1 + 3^7 + 2^5 + 1^6 + 0^0$
$\quad\ = -7 + (-6 + 54 \times 3) \times (2 + 10).$

$1866 = 7^3 + 6^2 + 5^4 + 4^1 + 3^6 + 2^7 + 1^0 + 0^5$
$\quad\ = -7 + 6 + 5^4 \times 3 + 2 - 10.$

$1867 = 7^3 + 6^2 + 5^4 + 4^1 + 3^6 + 2^7 + 1^5 + 0^0$
$\quad\ = 7 + 6 - 5 + 43^2 + 10.$

$1868 = -7^4 + 6^1 + 5^3 + 4^6 + 3^2 + 2^5 + 1^0 + 0^7$
$\quad\ = 7 + 6 + 5^4 \times 3 - 2 \times 10.$

$1869 = -7^4 + 6^1 + 5^3 + 4^6 + 3^2 + 2^5 + 1^7 + 0^0$
$\quad\ = 7 \times (6 + 54 - 3 + 210).$

$1870 = -7^4 - 6^1 + 5^2 + 4^6 + 3^3 + 2^7 + 1^0 + 0^5$
$\quad\ = 76 \times \sqrt{5^4} - \sqrt{3^2} \times 10.$

$1871 = -7^4 - 6^1 + 5^2 + 4^6 + 3^3 + 2^7 + 1^5 + 0^0$
$\quad\ = -7 + 6 + 5^4 \times 3 - 2 - 1 + 0.$

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

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

$1874 = 7^0 + 6^3 + 5^4 + 4^5 + 3^1 + 2^2 + 1^7 + 0^6$
$\quad\ = 7 - 6 + 5^4 \times 3 - 2 \times 1 + 0.$

$1875 = -7^4 - 6^0 + 5^2 + 4^6 + 3^3 + 2^7 + 1^5 + 0^1$
$\quad\ = 7 \times (6 + 5) \times 4! + 3! + 21 + 0.$

$1876 = -7^0 + 6^3 + 5^4 + 4^5 + 3^2 + 2^1 + 1^7 + 0^6$
$\quad\ = 76 + 5 \times (4 + 32) \times 10.$

$1877 = -7^4 + 6^0 + 5^2 + 4^6 + 3^3 + 2^7 + 1^5 + 0^1$
$\quad\ = 7 - 6 + 5^4 \times 3 + 2 - 1 \times 0!.$

$1878 = 7^1 + 6^3 + 5^4 + 4^5 + 3^0 + 2^2 + 1^7 + 0^6$
$\quad\ = 7 + 6 + 5 + \sqrt{4} \times (3!! + 210).$

$1879 = -7^3 - 6^2 + 5^1 + 4^0 + 3^7 + 2^6 + 1^5 + 0^4$
$\quad\ = 7 - 6 + 5^4 \times 3 + 2 + 1 \times 0!.$

$1880 = -7^2 - 6^4 + 5^1 + 4^5 + 3^7 + 2^3 + 1^0 + 0^6$
$\quad\ = (76 + 54/3) \times 2 \times 10.$

$1881 = 7^1 - 6^4 + 5^5 + 4^2 + 3^3 + 2^0 + 1^7 + 0^6$
$\quad\ = (-7 + 6 + 5^4 + 3) \times (2 + 1) \times 0!.$

$1882 = -7^4 + 6^1 + 5^2 + 4^6 + 3^3 + 2^7 + 1^0 + 0^5$
$\quad\ = 76 \times 5^{\sqrt{4}} + 3! - (2 + 1 + 0!)!.$

$1883 = 7^1 + 6^3 + 5^4 + 4^5 + 3^2 + 2^0 + 1^7 + 0^6$
$\quad\ = 76 \times 5^{\sqrt{4}} + 3 - 21 + 0!.$

$1884 = -7^3 + 6^1 + 5^0 + 4^2 + 3^7 + 2^4 + 1^6 + 0^5$
$\quad\ = 76 \times \sqrt{5^4} - 3 \times 2 - 10.$

$1885 = -7^2 + 6^3 + 5^4 + 4^5 + 3^1 + 2^6 + 1^7 + 0^0$
$= (7 + 6) \times 5 \times (-4 + 32 \times 1 + 0!).$

$1886 = -7^4 + 6^2 - 5^0 + 4^6 + 3^3 + 2^7 + 1^5 + 0^1$
$= (-7 + 6 \times 5) \times (43 - 2) \times (1 + 0!).$

$1887 = -7^1 - 6^0 + 5^3 + 4^5 + 3^6 + 2^4 + 1^7 + 0^2$
$= 7 + 6 \times 5 + 43^2 + 1 \times 0!.$

$1888 = -7^4 + 6^2 + 5^0 + 4^6 + 3^3 + 2^7 + 1^5 + 0^1$
$= (-76 + 5!) \times 43 - 2^{1+0!}.$

$1889 = -7^1 + 6^0 + 5^3 + 4^5 + 3^6 + 2^4 + 1^7 + 0^2$
$= 7 \times (65 + 4!) \times 3 + 21 - 0!.$

$1890 = 7^0 + 6^1 + 5^3 + 4^5 + 3^6 + 2^2 + 1^7 + 0^4$
$= 7 \times 6 \times 5!/\sqrt{4} - 3 \times 210.$

$1891 = 7^1 + 6^0 + 5^3 + 4^5 + 3^6 + 2^2 + 1^7 + 0^4$
$= 7 \times 65 - 4 + 3!! \times 2 \times 1 \times 0!.$

$1892 = 7^3 + 6^4 + 5^0 + 4^1 + 3^5 + 2^2 + 1^7 + 0^6$
$= (-76 + 5!) \times ((-4 + 3!) \times 21 + 0!).$

$1893 = 7^3 + 6^4 + 5^1 + 4^0 + 3^5 + 2^2 + 1^7 + 0^6$
$= 76 \times \sqrt{5^4} + \sqrt{3^2} - 10.$

$1894 = 7^0 - 6^4 - 5^2 + 4^5 + 3^7 + 2^1 + 1^6 + 0^3$
$= (-76 + 5!) \times 43 + \sqrt{2^{1+0!}}.$

$1895 = 7^3 + 6^4 - 5^1 + 4^2 + 3^5 + 2^0 + 1^7 + 0^6$
$= (7 - 6) \times 5^4 \times 3 + 2 \times 10.$

$1896 = 7^2 + 6^3 - 5^4 + 4^1 + 3^7 + 2^6 + 1^0 + 0^5$
$= (-7 \times 6 + 5!) \times 4! + 3! \times (2 + 1 + 0!).$

$1897 = -7^3 - 6^1 + 5^2 + 4^0 + 3^7 + 2^5 + 1^6 + 0^4$
$= 76 \times 5 \times (\sqrt{4} + 3) - 2 - 1 \times 0!.$

$1898 = -7^3 + 6^1 - 5^0 + 4^2 + 3^7 + 2^5 + 1^6 + 0^4$
$= 7 + (6 + 5^4) \times 3 - 2 + 1 - 0!.$

$1899 = -7^3 + 6^0 + 5^1 + 4^2 + 3^7 + 2^5 + 1^6 + 0^4$
$= 76 \times 5 \times (-4 + 3^2) - 1 \times 0!.$

$1900 = -7^3 + 6^1 + 5^0 + 4^2 + 3^7 + 2^5 + 1^6 + 0^4$
$= 76 \times (5 - 4 + 3 \times (-2 + 10)).$

$1901 = -7^1 + 6^0 + 5^2 + 4^5 + 3^6 + 2^7 + 1^4 + 0^3$
$= 76 \times 5 \times (-4 + 3^2) + 1 \times 0!.$

$1902 = 7^3 + 6^4 + 5^0 + 4^2 + 3^5 + 2^1 + 1^7 + 0^6$
$= (-7 + 6 \times 54) \times 3 \times 2 \times 1 \times 0!.$

$1903 = 7^1 + 6^0 + 5^3 + 4^5 + 3^6 + 2^4 + 1^7 + 0^2$
$= 76 \times 5 \times (\sqrt{4} + 3) + 2 + 1 \times 0!.$

$1904 = -7^1 - 6^4 + 5^5 + 4^2 + 3^0 + 2^6 + 1^7 + 0^3$
$= (-7 + 6 + 5!) \times 4 \times (3 + (21 \times 0)!).$

$1905 = 7^3 + 6^4 + 5^1 + 4^2 + 3^5 + 2^0 + 1^7 + 0^6$
$= 7 \times 65 + (\sqrt{4} \times 3)! \times 2 + 10.$

$1906 = 7^1 - 6^4 + 5^5 + 4^3 + 3^0 + 2^2 + 1^7 + 0^6$
$= -7 + 6 + 5^4 \times 3 + \sqrt{2^{10}}.$

$1907 = -7^3 + 6^0 + 5^2 + 4^1 + 3^7 + 2^5 + 1^6 + 0^4$
$= 76 \times \sqrt{5^4} - \sqrt{3^2} + 10.$

$1908 = 7^0 - 6^4 + 5^5 + 4^1 + 3^2 + 2^6 + 1^7 + 0^3$
$= (7 - 6 + 5) \times (-\sqrt{4} + 32 \times 10).$

$1909 = -7^3 + 6^1 + 5^2 + 4^0 + 3^7 + 2^5 + 1^6 + 0^4$
$= 765 + (\sqrt{4} + 3)! + 2^{10}.$

$1910 = -7^2 - 6^4 + 5^5 + 4^3 + 3^0 + 2^6 + 1^7 + 0^1$
$= 7 \times 65 \times 4 + 3^2 \times 10.$

$1911 = 7^3 + 6^4 + 5^2 + 4^0 + 3^5 + 2^1 + 1^7 + 0^6$
$= -7 + 6 \times 5 \times 4^3 - 2 \times 1 \times 0!.$

$1912 = -7^1 + 6^2 + 5^0 + 4^5 + 3^6 + 2^7 + 1^4 + 0^3$
$= (-7 \times 6 + 5!) \times 4! + (3! - 2) \times 10.$

$1913 = 7^3 + 6^4 + 5^2 + 4^1 + 3^5 + 2^0 + 1^7 + 0^6$
$= -7 + (6 + 54) \times 32 \times 1 \times 0!.$

$1914 = 7^0 + 6^1 + 5^2 + 4^5 + 3^6 + 2^7 + 1^4 + 0^3$
$= 76 \times 5^{\sqrt{4}} - 3! + 21 - 0!.$

$1915 = 7^1 + 6^0 + 5^2 + 4^5 + 3^6 + 2^7 + 1^4 + 0^3$
$= 76 \times 5^{\sqrt{4}} - 3! + 21 \times 0!.$

$1916 = -7^0 + 6^2 + 5^3 + 4^5 + 3^6 + 2^1 + 1^7 + 0^4$
$= 76 \times 5^{\sqrt{4}} - 3! + 21 + 0!.$

$1917 = -7^4 - 6^2 + 5^3 + 4^6 + 3^1 + 2^7 + 1^5 + 0^0$
$= (-7 + 6!/5) \times (-4 - 3 + 21) - 0!.$

$1918 = 7^2 + 6^3 + 5^4 + 4^5 + 3^0 + 2^1 + 1^7 + 0^6$
$= (76 + 5) \times 4! - 3! - 21 + 0!.$

$1919 = 7^2 + 6^3 + 5^4 + 4^5 + 3^1 + 2^0 + 1^7 + 0^6$
$= (-7 + 6!/5) \times (-4 - 3 + 21) + 0!.$

$1920 = -7^4 + 6^3 + 5^0 + 4^6 + 3^1 + 2^2 + 1^7 + 0^5$
$= (76 + 5) \times 4! - 3 - 21 \times 0!.$

$1921 = -7^4 + 6^1 - 5^2 + 4^6 + 3^5 + 2^0 + 1^7 + 0^3$
$= (76 \times 5 + 4) \times (3 + 2) + 1 \times 0!.$

$1922 = -7^4 + 6^3 + 5^1 + 4^6 + 3^0 + 2^2 + 1^7 + 0^5$
$= 76 \times 5^{\sqrt{4}} + 32 - 10.$

$1923 = 7^1 + 6^2 + 5^3 + 4^5 + 3^6 + 2^0 + 1^7 + 0^4$
$= -7 + 6! + (5 \times \sqrt{4})^3 + 210.$

$1924 = 7^0 + 6^2 + 5^1 + 4^5 + 3^6 + 2^7 + 1^4 + 0^3$
$= 7 + 6! + (-5 + 4!) \times 3 \times 21 \times 0!.$

$1925 = -7^1 + 6^2 + 5^3 + 4^5 + 3^6 + 2^4 + 1^7 + 0^0$
$= 7 + 6 \times 5 \times 4^3 - 2 \times 1 \times 0!.$

$1926 = 7^1 + 6^2 + 5^0 + 4^5 + 3^6 + 2^7 + 1^4 + 0^3$
$= (76 + 5) \times 4! + 3 - 21 \times 0!.$

$1927 = -7^4 + 6^3 + 5^1 + 4^6 + 3^2 + 2^0 + 1^7 + 0^5$
$= 7 + (6 + 54) \times 32 \times 1 \times 0!.$

$1928 = 7^1 - 6^4 + 5^0 + 4^5 + 3^7 + 2^2 + 1^6 + 0^3$
$= -7 \times 6 + 5! + 43^2 \times 1 + 0!.$

$1929 = 7^2 - 6^0 + 5^3 + 4^5 + 3^6 + 2^1 + 1^7 + 0^4$
$= -7 + 6 + 5! \times 4 \times (3! - 2) + 10.$

$1930 = -7^0 + 6^2 + 5^3 + 4^5 + 3^6 + 2^4 + 1^7 + 0^1$
$= 76 \times \sqrt{5^4} + \sqrt{3^2} \times 10.$

$1931 = 7^2 + 6^0 + 5^3 + 4^5 + 3^6 + 2^1 + 1^7 + 0^4$
$= 7 + 65 + 43^2 + 10.$

$1932 = 7^0 + 6^2 + 5^3 + 4^5 + 3^6 + 2^4 + 1^7 + 0^1$
$= 7 \times (65 + 4) \times (-3 \times 2 + 10).$

$1933 = -7^1 + 6^3 + 5^4 + 4^5 + 3^2 + 2^6 + 1^7 + 0^0$
$= (76 - 5!)^{\sqrt{4}} - 3! + 2 + (-1 + 0!)!.$

$1934 = 7^0 + 6^3 + 5^4 + 4^5 + 3^1 + 2^6 + 1^7 + 0^2$
$= 7 \times 6 \times (5 + 43 - 2) + 1 + 0!.$

$1935 = 7^2 + 6^1 + 5^3 + 4^5 + 3^6 + 2^0 + 1^7 + 0^4$
$= (76 + 5) \times 4! + 3 - 2 - 10.$

$1936 = -7^2 - 6^4 + 5^1 + 4^5 + 3^7 + 2^6 + 1^0 + 0^3$
$= (7 \times 6 + 5!) \times 4 \times 3 + 2 - 10.$

$1937 = 7^2 + 6^0 + 5^1 + 4^5 + 3^6 + 2^7 + 1^4 + 0^3$
$= 7 \times 6 \times (5 + 4!) + 3!! - (21 \times 0)!.$

$1938 = 7^2 + 6^1 + 5^0 + 4^5 + 3^6 + 2^7 + 1^4 + 0^3$
$= 7 \times 6 \times (5 + 4!) + 3!! \times (21 \times 0)!.$

$1939 = 7^1 + 6^2 + 5^3 + 4^5 + 3^6 + 2^4 + 1^7 + 0^0$
$= (-7 + 654) \times 3 - 2 \times 1 \times 0!.$

$1940 = 7^0 + 6^3 + 5^4 + 4^5 + 3^2 + 2^6 + 1^7 + 0^1$
$= (-76 + 54 \times (3 + 2)) \times 10.$

$1941 = -7^4 + 6^3 + 5^2 + 4^6 + 3^1 + 2^0 + 1^7 + 0^5$
$= (76 + 5) \times 4! - 3 + 21 \times 0.$

$1942 = -7^2 + 6^3 + 5^1 + 4^5 + 3^6 + 2^4 + 1^0 + 0^7$
$= (7 - 6 \times (5! + 43)) \times (-2 + 1 - 0!).$

$1943 = -7^2 + 6^3 + 5^1 + 4^5 + 3^6 + 2^4 + 1^7 + 0^0$
$= (-7 + 654) \times 3 + 2 \times 1 \times 0!.$

$1944 = 7^1 - 6^4 + 5^5 + 4^2 + 3^3 + 2^6 + 1^0 + 0^7$
$= (76 + 5) \times 4 \times 3! \times (2 - 1) \times 0!.$

$1945 = 7^2 + 6^0 + 5^3 + 4^5 + 3^6 + 2^4 + 1^7 + 0^1$
$= 7 + (-6 + 5!) \times (\sqrt{4} + 3 + 2 + 10).$

$1946 = 7^1 + 6^3 + 5^4 + 4^5 + 3^2 + 2^6 + 1^0 + 0^7$
$= (76 + 5) \times 4! + 3! - 2 - 1 - 0!.$

$1947 = 7^1 + 6^3 + 5^4 + 4^5 + 3^2 + 2^6 + 1^7 + 0^0$
$= 7 + 6 \times 5 \times 4^3 + 2 \times 10.$

$1948 = -7^4 + 6^3 + 5^0 + 4^6 + 3^1 + 2^5 + 1^7 + 0^2$
$= (76 + 5) \times 4! + 3 \times 2 - 1 - 0!.$

$1949 = -7^4 + 6^0 + 5^1 + 4^6 + 3^5 + 2^2 + 1^7 + 0^3$
$= 7 + 6 \times 54 \times 3 \times 2 - 1 - 0!.$

$1950 = 7^2 + 6^1 + 5^3 + 4^5 + 3^6 + 2^4 + 1^0 + 0^7$
$= 7 + 6 \times 54 \times 3 \times 2 - 1 \times 0!.$

$1951 = 7^2 + 6^1 + 5^3 + 4^5 + 3^6 + 2^4 + 1^7 + 0^0$
$= (7 + 654) \times 3 - \sqrt{2^{10}}.$

$1952 = 7^3 + 6^4 + 5^0 + 4^1 + 3^5 + 2^6 + 1^7 + 0^2$
$= (76 + 5) \times 4! + 3 \times 2 + 1 + 0!.$

$1953 = 7^3 + 6^4 + 5^1 + 4^0 + 3^5 + 2^6 + 1^7 + 0^2$
$= (7 \times 6 + 54 - 3) \times 21 \times 0!.$

$1954 = -7^4 + 6^3 + 5^0 + 4^6 + 3^2 + 2^5 + 1^7 + 0^1$
$= 7 + 6 \times 54 \times 3! + 2 + 1 \times 0!.$

$1955 = 7^3 + 6^0 - 5^4 + 4^2 + 3^7 + 2^5 + 1^6 + 0^1$
$= -7 + 654 \times 3 - 2 + 1 + 0!.$

$1956 = -7^4 + 6^1 + 5^3 + 4^6 + 3^0 + 2^7 + 1^5 + 0^2$
$= (7 \times (65 + 4) + 3!) \times (2 + 1 + 0!).$

$1957 = 7^1 - 6^4 + 5^2 + 4^5 + 3^7 + 2^3 + 1^6 + 0^0$
$= 7 + 6 + 54 \times 3!!/(2 \times 10).$

$1958 = -7^4 + 6^3 + 5^1 + 4^6 + 3^2 + 2^5 + 1^0 + 0^7$
$= -7 + 6 + 5! + 43^2 - 10.$

$1959 = -7^4 + 6^3 + 5^1 + 4^6 + 3^2 + 2^5 + 1^7 + 0^0$
$= -7 + 654 \times 3 + 2 + 1 + 0!.$

$1960 = 7^3 - 6^2 + 5^4 + 4^5 + 3^0 + 2^1 + 1^7 + 0^6$
$= 7 \times (-65 + 4! + 321) \times 0!.$

$1961 = 7^3 - 6^2 + 5^4 + 4^5 + 3^1 + 2^0 + 1^7 + 0^6$
$= 7 + 654 \times 3 + 2 - 10.$

$1962 = 7^0 - 6^4 + 5^5 + 4^3 + 3^1 + 2^6 + 1^7 + 0^2$
$= (76 + 5) \times 4! - 3 + 21 \times 0!.$

$1963 = 7^1 - 6^4 - 5^2 + 4^5 + 3^7 + 2^6 + 1^3 + 0^0$
$= (7 + 654) \times 3 - 2 \times 10.$

$1964 = 7^3 + 6^4 + 5^0 + 4^2 + 3^5 + 2^6 + 1^7 + 0^1$
$= (-7 \times 6 + ((5! - 4!)/3)^2) \times (1 + 0!).$

$1965 = -7^4 + 6^1 + 5^3 + 4^6 + 3^2 + 2^7 + 1^5 + 0^0$
$= -7 + (654 + 3) \times (2 + 1) + 0!.$

$1966 = 7^1 - 6^4 + 5^5 + 4^3 + 3^0 + 2^6 + 1^7 + 0^2$
$= 7 + 654 \times 3 - 2 \times 1 - 0!.$

$1967 = -7^4 + 6^0 + 5^2 + 4^6 + 3^5 + 2^1 + 1^7 + 0^3$
$= 7 \times (6 + 5! \times \sqrt{4} + 3 + \sqrt{2^{10}}).$

$1968 = 7^3 + 6^4 + 5^1 + 4^2 + 3^5 + 2^6 + 1^0 + 0^7$
$= -7 + 6 + 5! + 43^2 - 1 + 0!.$

$1969 = 7^3 + 6^4 + 5^1 + 4^2 + 3^5 + 2^6 + 1^7 + 0^0$
$= 7 + 654 \times 3 + 2 - 1 - 0!.$

$1970 = -7^4 + 6^3 + 5^2 + 4^6 + 3^0 + 2^5 + 1^7 + 0^1$
$= 7 + 654 \times 3 + 2 - 1 \times 0!.$

$1971 = -7^4 + 6^1 + 5^2 + 4^6 + 3^5 + 2^0 + 1^7 + 0^3$
$= (7 + 654) \times 3 - 2 - 10.$

$1972 = -7^4 + 6^3 + 5^2 + 4^6 + 3^1 + 2^5 + 1^0 + 0^7$
$= (-7 + 65) \times (4 \times 3 \times 2 + 10).$

$1973 = 7^3 + 6^4 + 5^2 + 4^0 + 3^5 + 2^6 + 1^7 + 0^1$
$= 7 + 654 \times 3 + 2 + 1 + 0!.$

$1974 = 7^2 - 6^4 + 5^5 + 4^1 + 3^3 + 2^6 + 1^0 + 0^7$
$= (76 + 5) \times 4! + 32 - 1 - 0!.$

$1975 = 7^2 - 6^4 + 5^5 + 4^1 + 3^3 + 2^6 + 1^7 + 0^0$
$= -7 + 654 \times 3 + 21 - 0!.$

$1976 = 7^3 + 6^4 + 5^2 + 4^1 + 3^5 + 2^6 + 1^0 + 0^7$
$= 76 \times (5 \times (4 - 3) + 21) \times 0!.$

$1977 = 7^3 + 6^4 + 5^2 + 4^1 + 3^5 + 2^6 + 1^7 + 0^0$
$= -7 + 654 \times 3 + 21 + 0!.$

$1978 = -7^4 + 6^2 + 5^0 + 4^6 + 3^5 + 2^1 + 1^7 + 0^3$
$= (76 + 5) \times 4! + 32 + 1 + 0!.$

$1979 = -7^4 + 6^1 + 5^2 + 4^6 + 3^5 + 2^3 + 1^7 + 0^0$
$= -7 + 6 + 5!/4 \times 3 \times (21 + 0!).$

$1980 = 7^2 + 6^3 + 5^4 + 4^5 + 3^0 + 2^6 + 1^7 + 0^1$
$= (7 \times 6 + 5! - 4! \times 3) \times (21 + 0!).$

$1981 = -7^4 + 6^2 + 5^1 + 4^6 + 3^5 + 2^0 + 1^7 + 0^3$
$= 7 + 654 \times 3 + 2 + 10.$

$1982 = 7^2 + 6^3 + 5^4 + 4^5 + 3^1 + 2^6 + 1^0 + 0^7$
$= (7 + 654) \times 3 - 2 + 1 \times 0!.$

$1983 = 7^2 + 6^3 + 5^4 + 4^5 + 3^1 + 2^6 + 1^7 + 0^0$
$= (7 + 654) \times 3 - 2 + 1 + 0!.$

$1984 = -7^4 + 6^2 + 5^0 + 4^6 + 3^5 + 2^3 + 1^7 + 0^1$
$= (7 \times 6 + 5 \times 4) \times (32 + 1 - 0!).$

$1985 = -7^2 + 6^4 - 5^3 + 4^1 + 3^6 + 2^7 + 1^5 + 0^0$
$= 7 \times 6 + 54 \times 3!^2 \times 1 - 0!.$

$1986 = -7^4 + 6^2 + 5^3 + 4^6 + 3^0 + 2^7 + 1^5 + 0^1$
$\quad\quad = (7 + 6 \times 54) \times 3 \times 2 \times 1 \times 0!.$

$1987 = 7^3 + 6^4 - 5^2 + 4^0 + 3^5 + 2^7 + 1^6 + 0^1$
$\quad\quad = 7 + (6 + 54) \times (32 + 1) \times 0!.$

$1988 = -7^4 + 6^2 + 5^3 + 4^6 + 3^1 + 2^7 + 1^0 + 0^5$
$\quad\quad = 7 \times (6 + (5 + 4) \times 32 - 10).$

$1989 = -7^4 + 6^2 + 5^3 + 4^6 + 3^1 + 2^7 + 1^5 + 0^0$
$\quad\quad = (7 + 6) \times (5! + 4 \times 3 + 21) \times 0!.$

$1990 = -7^3 + 6^4 + 5^0 + 4^5 + 3^2 + 2^1 + 1^7 + 0^6$
$\quad\quad = (76 - 5 + 4^3 \times 2) \times 10.$

$1991 = -7^2 + 6^4 + 5^1 + 4^0 + 3^6 + 2^3 + 1^7 + 0^5$
$\quad\quad = (7 + 654) \times 3 - 2 + 10.$

$1992 = 7^0 + 6^3 + 5^1 + 4^5 + 3^6 + 2^4 + 1^7 + 0^2$
$\quad\quad = 7 + 6 + 5! + 43^2 + 10.$

$1993 = -7^3 + 6^4 + 5^1 + 4^5 + 3^2 + 2^0 + 1^7 + 0^6$
$\quad\quad = 7 + 6 + 5!/4 \times 3 \times (21 + 0!).$

$1994 = 7^1 + 6^3 + 5^0 + 4^5 + 3^6 + 2^4 + 1^7 + 0^2$
$\quad\quad = (7 \times (-6 + 5 \times 4) - 3) \times 21 - 0!.$

$1995 = -7^2 - 6^4 + 5^3 + 4^5 + 3^7 + 2^1 + 1^6 + 0^0$
$\quad\quad = (7 \times (-6 + 5 \times 4) - 3) \times 21 + 0.$

$1996 = -7^1 + 6^3 + 5^4 + 4^5 + 3^2 + 2^7 + 1^0 + 0^6$
$\quad\quad = (7 \times (-6 + 5 \times 4) - 3) \times 21 + 0!.$

$1997 = -7^1 + 6^3 + 5^4 + 4^5 + 3^2 + 2^7 + 1^6 + 0^0$
$\quad\quad = (-7 + 6! - 54) \times 3 + 21 - 0!.$

$1998 = 7^0 + 6^3 + 5^4 + 4^5 + 3^1 + 2^7 + 1^6 + 0^2$
$\quad\quad = 76 \times (5 + 4! - 3) + 21 + 0!.$

$1999 = 7^3 - 6^0 + 5^4 + 4^5 + 3^1 + 2^2 + 1^7 + 0^6$
$\quad\quad = (-7 + 6! - 54) \times 3 + 21 + 0!.$

$2000 = -7^0 - 6^4 + 5^5 + 4^2 + 3^3 + 2^7 + 1^6 + 0^1$
$\quad\quad = (7 + 6 - 5) \times \sqrt{4} \times (3! \times 21 - 0!).$

$2001 = 7^3 + 6^0 + 5^4 + 4^5 + 3^1 + 2^2 + 1^7 + 0^6$
$\quad\quad = (7 + 654 + 3!) \times (2 + 1 \times 0!).$

$2002 = 7^1 + 6^3 + 5^4 + 4^5 + 3^0 + 2^7 + 1^6 + 0^2$
$\quad\quad = (7 \times 6!/5 - 4 - 3) \times (2 + 1 - 0!).$

$2003 = 7^1 + 6^3 + 5^2 + 4^5 + 3^6 + 2^0 + 1^7 + 0^4$
$\quad\quad = (7 + 654) \times 3 + 2 \times 10.$

$2004 = 7^3 + 6^1 + 5^4 + 4^5 + 3^0 + 2^2 + 1^7 + 0^6$
$\quad\quad = (-7 \times 6 + 5!) \times 4! + 3! \times (21 + 0!).$

$2005 = 7^3 + 6^0 + 5^4 + 4^5 + 3^2 + 2^1 + 1^7 + 0^6$
$\quad\quad = 7 + (6! - 54) \times (3! - 2 - 1) \times 0!.$

$2006 = -7^3 + 6^4 + 5^2 + 4^5 + 3^0 + 2^1 + 1^7 + 0^6$
$\quad\quad = (-7 + 6 \times (5 + 4!)) \times 3! \times 2 + 1 + 0!.$

$2007 = -7^3 + 6^4 + 5^2 + 4^5 + 3^1 + 2^0 + 1^7 + 0^6$
$\quad\quad = (76 + 5) \times 4! + 3 \times 21 \times 0!.$

$2008 = 7^2 - 6^4 + 5^5 + 4^3 + 3^0 + 2^6 + 1^7 + 0^1$
$\quad\quad = (76 + 5) \times 4! + 32 \times (1 + 0!).$

$2009 = 7^3 + 6^1 + 5^4 + 4^5 + 3^2 + 2^0 + 1^7 + 0^6$
$\quad\quad = 7 \times \sqrt{6!/5} \times 4! - 3^2 + 1 + 0!.$

$2010 = 7^1 + 6^3 + 5^4 + 4^5 + 3^2 + 2^7 + 1^0 + 0^6$
$\quad\quad = 7 \times \sqrt{6!/5} \times 4! - 3 \times 2 \times 1 \times 0!.$

$2011 = 7^1 + 6^3 + 5^4 + 4^5 + 3^2 + 2^7 + 1^6 + 0^0$
$\quad\quad = 7 \times \sqrt{6!/5} \times 4! - 3! + 2 - 1 \times 0!.$

$2012 = 7^0 + 6^3 + 5^2 + 4^5 + 3^6 + 2^4 + 1^7 + 0^1$
$\quad\quad = 7 \times 6 \times (5 + 43) - 2 - 1 - 0!.$

$2013 = 7^1 - 6^4 + 5^2 + 4^5 + 3^7 + 2^6 + 1^3 + 0^0$
$\quad\quad = (7 + 6 \times (5 + 4)) \times (32 + 1) \times 0!.$

$2014 = 7^0 + 6^1 + 5^3 + 4^5 + 3^6 + 2^7 + 1^4 + 0^2$
$\quad\quad = (7 - 6 + 5)^4 + 3!! - 2 \times 1 \times 0!.$

$2015 = 7^1 + 6^0 + 5^3 + 4^5 + 3^6 + 2^7 + 1^4 + 0^2$
$\quad\quad = (7 + 654) \times 3 + \sqrt{2^{10}}.$

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

Acknowledgement

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