

Numbers from 1 to 1729 Written in Terms of 1729-1729

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Abstract

The number 1729 is famous as Hardy-Ramanujan number. This paper brings representations of numbers from 1 to 1729 in terms of 1729 twice, i.e., 1729-1729. In order to write these numbers only basic operations are used.

On a special day: April 29, 17 (17-29)

An equation means nothing to me unless it expresses a thought of God.
- S. Ramanujan

1. INTRODUCTION

Recently, author [5] wrote Hardy-Ramanujan number 1729 in different ways. In this paper, the numbers from 1 to 1729 are written in terms of 1729 used twice, i.e., 1729-1729. The idea is based on author's previous work [3], where the numbers from 1 to 11111 are written in terms of 1 to 9 and 9 to 1, i.e., in increasing and decreasing ways respectively. In order to bring these numbers only basic operations, such as, addition, multiplication, subtraction, division and potentiation are used.

Detailed author's work on numbers is summarized in [4]. Some comments on author's work [3] can be seen at [1]. Recently, Numberphile [2] produced two videos available at YouTube discussing author's work [3].

2. NUMBERS IN TERMS OF 1729-1729

- $1 := 17 - 29 - 1 + 7 - 2 + 9.$
- $2 := 17 - (29 - 17) \times 2 + 9.$
- $3 := 1 \times 72 - 91 - 7 + 29.$
- $4 := 1 + 72 - 91 - 7 + 29.$
- $5 := 17 - 2 - 91 + 72 + 9.$
- $6 := 17 \times 2 - 91 + 72 - 9.$
- $7 := 1 + 7 + 2 + 9 + 17 - 29.$
- $8 := (1 + 7) \times (-2 - 9 - 17 + 29).$
- $9 := 17 + 2 - 91 + 72 + 9.$
- $10 := -1 + 7 \times 2 + 9 + 17 - 29.$
- $11 := 17 + 29 - 17 - 2 \times 9.$
- $12 := 17 - 2 + 9 + 17 - 29.$
- $13 := 1 \times 7 - 29 - 1 + 7 + 29.$
- $14 := 1 + 7 - 29 - 1 + 7 + 29.$
- $15 := 17 \times 2 - 9 + 1 + 7 - 2 \times 9.$
- $16 := 17 + 2 + 9 + 17 - 29.$
- $17 := -17 + 2 + 9 + 1 - 7 + 29.$
- $18 := 17 - 2 - 9 - 17 + 29.$
- $19 := 17 \times 2 - 9 - 17 + 2 + 9.$
- $20 := 17 - 2 \times 9 - 1 - 7 + 29.$

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- 21 := $-1 + 7 \times 2 + 9 + 17 - 2 \times 9$.
- 22 := $17 + 29 - 17 + 2 - 9$.
- 23 := $17 - 29 + 17 + 2 \times 9$.
- 24 := $17 \times 2 - 91 + 72 + 9$.
- 25 := $1 + 7 + 29 + 17 - 29$.
- 26 := $17 \times 2 - 9 - 17 + 2 \times 9$.
- 27 := $17 - 2 - 9 - 1 - 7 + 29$.
- 28 := $1 + 7 - 2 \times (9 - 1) + 7 + 29$.
- 29 := $17 + 2 + 91 - 72 - 9$.
- 30 := $(1 - 7 + 2 + 9) \times (17 - 2 - 9)$.
- 31 := $1 + 7 + 2 + 9 - 17 + 29$.
- 32 := $17 - 2 \times (-9 + 1 + 7 - 2) + 9$.
- 33 := $-17 + 29 - 1 - 7 + 29$.
- 34 := $17 + 29 + 17 - 29$.
- 35 := $1 - 7 + 29 - 17 + 29$.
- 36 := $17 + 29 - 17 - 2 + 9$.
- 37 := $1 \times 7 + 2 + 9 + 1 + 7 + 2 + 9$.
- 38 := $17 - (2 + 9 - 17) \times 2 + 9$.
- 39 := $1 + 7 - 2 + 9 + 1 + 7 \times 2 + 9$.
- 40 := $17 + 29 - 17 + 2 + 9$.
- 41 := $-1 + 7 - 2 - 9 + 17 + 29$.
- 42 := $17 + 29 \times 1 + 7 - 2 - 9$.
- 43 := $17 - 2 + 91 - 72 + 9$.
- 44 := $(-17 + 2 \times 9 + 1) \times (-7 + 29)$.
- 45 := $17 + 2 - 9 + 17 + 2 \times 9$.
- 46 := $17 - 2 + 9 \times 1 - 7 + 29$.
- 47 := $1 + 72 + 9 + 1 - 7 - 29$.
- 48 := $(1 + 7) \times (-29 + 17 + 2 \times 9)$.
- 49 := $17 \times 2 - 9 + 17 - 2 + 9$.
- 50 := $17 + (29 - 17) \times 2 + 9$.
- 51 := $17 - 29 \times 1 + 72 - 9$.
- 52 := $17 + 29 + 17 - 2 - 9$.
- 53 := $17 + 2 - 9 + 17 \times 2 + 9$.
- 54 := $17 + 2 - 9 - 1 + (7 - 2) \times 9$.
- 55 := $17 + 2 \times (9 + 1) + 7 + 2 + 9$.
- 56 := $17 + 2 - 9 + 17 + 29$.
- 57 := $(1 + 7) \times 2 \times (9 - 1 - 7 + 2) + 9$.
- 58 := $17 + 29 - 17 + 29$.
- 59 := $-1 + 7 + 29 + 17 - 2 + 9$.
- 60 := $1 + 7 + 29 + 1 - 7 + 29$.
- 61 := $1 + 7 - 29 + 1 + 72 + 9$.
- 62 := $1 + 7 \times (-2 + 9) - 17 + 29$.
- 63 := $1 + 72 - 9 - 1 - 7 - 2 + 9$.
- 64 := $(1 + 72 - 9) \times (1 + 7 + 2 - 9)$.
- 65 := $1 + 72 - 9 + 1 + 7 + 2 - 9$.
- 66 := $1 + 7 \times (2 + 9) + 17 - 29$.
- 67 := $-1 - 7 + 29 + 17 + 29$.
- 68 := $-1 + 7 \times 2 + 9 + 17 + 29$.
- 69 := $17 - 29 \times 1 + 72 + 9$.
- 70 := $17 + 29 + 17 - 2 + 9$.
- 71 := $17 \times 2 - 9 + 17 + 29$.
- 72 := $1 - 7 - 2 + 91 + 7 - 2 \times 9$.
- 73 := $-1 - 7 + 2 \times 9 \times 1 + 72 - 9$.
- 74 := $17 + 29 + 17 + 2 + 9$.
- 75 := $1 \times 72 - 9 - 17 + 29$.
- 76 := $172 - 91 - 7 \times 2 + 9$.
- 77 := $1 + (-72 + 91) \times (-7 + 2 + 9)$.
- 78 := $1 \times 72 + 9 + 1 + 7 - 2 - 9$.
- 79 := $1 + 7 - 2 - 9 + 1 + 72 + 9$.
- 80 := $1 \times 72 - 9 - 1 + 7 + 2 + 9$.
- 81 := $17 + 2 \times 9 + 17 + 29$.
- 82 := $(1 + 72 + 9) \times (1 + 7 + 2 - 9)$.
- 83 := $1 + 72 + 9 + 1 + 7 + 2 - 9$.
- 84 := $1 \times 72 + 9 - 1 - 7 + 2 + 9$.
- 85 := $-1 \times 7 + 2 + (-9 + 17 + 2) \times 9$.
- 86 := $-1 \times 7 + 2 + 9 + 1 + 72 + 9$.
- 87 := $1 + 7 \times 2 - 9 \times 1 + 72 + 9$.
- 88 := $1 + 72 - 9 - 1 + 7 + 2 \times 9$.
- 89 := $(-17 + 29) \times (1 + 7) + 2 - 9$.
- 90 := $(-1 + 7) \times ((29 - 17) \times 2 - 9)$.
- 91 := $1 \times 72 - 9 + 17 + 2 + 9$.
- 92 := $17 + 29 + 17 + 29$.
- 93 := $17 + (2 \times 9 + 1) \times (-7 + 2 + 9)$.
- 94 := $1 + 72 + 9 - 17 + 29$.
- 95 := $-1 + 7 - 2 + 9 + 1 + 72 + 9$.
- 96 := $1 \times 7 - 2 + 91 + 7 + 2 - 9$.
- 97 := $1 + 72 + 9 + 1 + 7 - 2 + 9$.
- 98 := $17 + 2 \times (9 + 17) + 29$.
- 99 := $1 \times 72 - 9 \times 1 + 7 + 29$.
- 100 := $1 + 72 - 9 \times 1 + 7 + 29$.
- 101 := $1 - 72 - 9 + 172 + 9$.
- 102 := $1 \times 7 \times (2 + 9) + (1 + 7) \times 2 + 9$.
- 103 := $(-17 + 29) \times (1 + 7) - 2 + 9$.
- 104 := $(-1 \times 72 + 91) \times 7 - 29$.
- 105 := $1 \times 72 + 9 + 17 - 2 + 9$.
- 106 := $1 + 7 + (-2 + 9) \times (1 \times 7 - 2 + 9)$.
- 107 := $-1 + 7 + (29 + 17) \times 2 + 9$.
- 108 := $-1 \times 7 + 2 + 91 - 7 + 29$.
- 109 := $172 - (9 - 1) \times 7 + 2 - 9$.
- 110 := $1 - 7 + 2 \times (9 \times 1 - 7) \times 29$.
- 111 := $172 + 9 \times (1 - 7) + 2 - 9$.
- 112 := $-1 + 7 - 2 - 9 + (-1 + 7 \times 2) \times 9$.
- 113 := $-1 + 7 - 2 + 91 + 7 + 2 + 9$.
- 114 := $-1 - 72 + (91 + 7) \times 2 - 9$.
- 115 := $17 \times (-2 + 9) \times 1 + 7 - 2 - 9$.
- 116 := $1 - 7 + 2 \times (9 + 1) \times 7 - 2 \times 9$.
- 117 := $172 - 9 - 17 - 29$.
- 118 := $1 \times 7 - 2 + 91 - 7 + 29$.
- 119 := $-17 + 2 + 9 - 1 + 7 \times 2 \times 9$.
- 120 := $17 - 2 + 91 + 7 - 2 + 9$.
- 121 := $-1 - 7 + 2 + 91 + 7 + 29$.
- 122 := $-1 \times 7 + 2 + 91 + 7 + 29$.
- 123 := $1 - 7 + 2 + 91 + 7 + 29$.
- 124 := $-1 + 72 - 9 - 1 + 72 - 9$.
- 125 := $172 + 9 \times (1 - 7) - 2 + 9$.
- 126 := $-1 \times 7 - 2 + 9 \times 17 - 2 \times 9$.
- 127 := $17 + 29 \times 1 + 72 + 9$.
- 128 := $1 - 7 - 2 + 91 + (7 - 2) \times 9$.
- 129 := $1 + 7 + (-2 + 9 + 1) \times 7 \times 2 + 9$.
- 130 := $1 + 7 - 2 + 9 \times 17 - 29$.

- 131 := $17 \times (-2 + 9) - 17 + 29$.
- 132 := $17 - 2 \times 9 \times (1 - 7) - 2 + 9$.
- 133 := $17 + 2 + 91 + 7 \times 2 + 9$.
- 134 := $172 - (9 - 1) \times 7 + 2 \times 9$.
- 135 := $(17 \times 2 - 91 + 72) \times 9$.
- 136 := $(1 - 7 - 29 + 1) \times (7 - 2 - 9)$.
- 137 := $1 + 7 + 2 + 91 + 7 + 29$.
- 138 := $-(1 + 7) \times 2 + 91 + 72 - 9$.
- 139 := $1 - 7 - 29 - (1 - 7) \times 29$.
- 140 := $1 \times 72 + 91 - 7 \times 2 - 9$.
- 141 := $1 \times 7 - 29 + 172 - 9$.
- 142 := $1 + 7 - 29 + 172 - 9$.
- 143 := $1 \times 72 - 9 - 1 + 72 + 9$.
- 144 := $(1 + 7) \times (2 - 9 + 17 \times 2 - 9)$.
- 145 := $17 + 2 + 9 \times (17 - 2) - 9$.
- 146 := $(-1 + 72) \times 9 - 17 \times 29$.
- 147 := $-1 + 7 \times 2 + 9 - 1 + 7 \times 2 \times 9$.
- 148 := $(17 + 2) \times 9 - 1 + 7 - 29$.
- 149 := $1 - 7 + 29 + 1 \times 7 \times 2 \times 9$.
- 150 := $(17 - 2) \times (9 + 1 + 7 + 2 - 9)$.
- 151 := $1 \times 7 - 2 + 9 \times 17 + 2 - 9$.
- 152 := $1 - 7 + (2 + 9) \times 17 - 29$.
- 153 := $1 \times 7 + 2 \times 91 - 7 - 29$.
- 154 := $1 + 7 + 2 \times 91 - 7 - 29$.
- 155 := $1 \times 7 + 2 + 9 \times 17 + 2 - 9$.
- 156 := $-17 - 29 - 1 + 7 \times 29$.
- 157 := $172 - 9 - 17 + 2 + 9$.
- 158 := $1 \times 72 + 91 - 7 \times 2 + 9$.
- 159 := $172 + 9 + 1 - 7 \times 2 - 9$.
- 160 := $1 + 7 - 29 + 172 + 9$.
- 161 := $1 \times 72 + 9 - 1 + 72 + 9$.
- 162 := $-1 - 7 - 2 - 9 + 172 + 9$.
- 163 := $17 + 2 \times 91 - 7 - 29$.
- 164 := $1 - 7 - 2 - 9 + 172 + 9$.
- 165 := $1 \times 7 - 2 + 9 \times 17 - 2 + 9$.
- 166 := $(-1 + 7) \times 2 - 9 + 172 - 9$.
- 167 := $(-17 - 2 + 91 + 7) \times 2 + 9$.
- 168 := $1 \times 7 \times 2 + 91 + 72 - 9$.
- 169 := $17 - 2 - 9 + 172 - 9$.
- 170 := $1 - 7 \times 2 + 9 - (1 - 7) \times 29$.
- 171 := $-1 + 7 + 291 - 7 \times 2 \times 9$.
- 172 := $1 - 7 + (29 - 1) \times 7 - 2 \times 9$.
- 173 := $1 \times 72 + 9 \times (1 + 7) + 29$.
- 174 := $-1 - 7 - (2 - 9) \times (1 + 7 + 2 \times 9)$.
- 175 := $172 - 9 - 17 + 29$.
- 176 := $-1 + 7 - 2 + 9 + 172 - 9$.
- 177 := $1 + 7 \times 2 + 9 \times 1 \times (7 + 2 + 9)$.
- 178 := $17 + 2 + (91 - 7) \times 2 - 9$.
- 179 := $(1 + 7 + 2 + 91 - 7) \times 2 - 9$.
- 180 := $(1 - 7) \times (2 - 9 - 1 + 7 - 29)$.
- 181 := $1 \times 72 + 91 + 7 + 2 + 9$.
- 182 := $172 + 91 - 72 - 9$.
- 183 := $1 \times 7 - 2 - 9 + 17 \times (2 + 9)$.
- 184 := $172 - 9 - 1 - 7 + 29$.
- 185 := $1 \times 7 + (29 - 1) \times 7 - 2 \times 9$.
- 186 := $1 + 72 + 91 - 7 + 29$.
- 187 := $172 + 9 + 17 - 2 - 9$.
- 188 := $(1 + 7) \times 2 + 91 + 72 + 9$.
- 189 := $1 \times 72 + 9 - (1 - 7) \times 2 \times 9$.
- 190 := $17 - 29 - 1 + 7 \times 29$.
- 191 := $172 - 9 + 17 + 2 + 9$.
- 192 := $1 + 7 \times 29 + 17 - 29$.
- 193 := $-17 + 291 - 72 - 9$.
- 194 := $(17 + 2) \times 9 + 1 - 7 + 29$.
- 195 := $17 + 2 \times 91 + 7 - 2 - 9$.
- 196 := $1 \times 72 + 9 \times 17 - 29$.
- 197 := $1 - 7 + 29 - (1 - 7) \times 29$.
- 198 := $-1 + 7 + 2 \times (91 + 7 \times 2 - 9)$.
- 199 := $1 \times 7 + 29 + 172 - 9$.
- 200 := $1 + 7 + 29 + 172 - 9$.
- 201 := $17 - 2 \times 9 - 1 + 7 \times 29$.
- 202 := $17 - 2 + (91 + 7) \times 2 - 9$.
- 203 := $172 + (9 - 1) \times (7 - 2) - 9$.
- 204 := $172 + 9 + 1 - 7 + 29$.
- 205 := $17 \times 2 + (91 - 72) \times 9$.
- 206 := $-1 - 7 + 2 + 9 \times 1 + 7 \times 29$.
- 207 := $-1 \times 7 - 2 \times 9 + (1 + 7) \times 29$.
- 208 := $1 + 7 \times 2 \times 9 \times 1 + (7 + 2) \times 9$.
- 209 := $17 + 29 + 172 - 9$.
- 210 := $-1 + 7 + 2 \times 91 - 7 + 29$.
- 211 := $-1 \times 7 + 2 \times 91 + 7 + 29$.
- 212 := $17 + 2 - 9 - 1 + 7 \times 29$.
- 213 := $(1 - 7 + 2) \times (-9 + 1) \times 7 - 2 - 9$.
- 214 := $17 \times 2 + 9 + (17 + 2) \times 9$.
- 215 := $1 - 7 + 29 \times (1 + 7) - 2 - 9$.
- 216 := $(1 - 7 + 2) \times (9 \times 1 - 72 + 9)$.
- 217 := $172 + 9 \times 1 + 7 + 29$.
- 218 := $-1 \times 7 \times 2 - (9 - 17) \times 29$.
- 219 := $1 - 7 \times 2 - (9 - 17) \times 29$.
- 220 := $-1 + 7 \times 2 + (9 \times 1 + 7 \times 2) \times 9$.
- 221 := $172 + (9 - 1) \times (7 - 2) + 9$.
- 222 := $1 - 7 + 291 - 72 + 9$.
- 223 := $1 \times 7 + 29 + 17 \times (2 + 9)$.
- 224 := $-1 \times 7 + 29 - 1 + 7 \times 29$.
- 225 := $1 \times 7 + 2 \times 91 + 7 + 29$.
- 226 := $1 + 7 + 2 \times 91 + 7 + 29$.
- 227 := $1 + 72 - 9 + 172 - 9$.
- 228 := $1 \times 7 \times 29 + 17 \times 2 - 9$.
- 229 := $(-1 + 7) \times (29 + 1 + 7) - 2 + 9$.
- 230 := $1 - 7 \times (2 + 9) + 17 \times 2 \times 9$.
- 231 := $1 \times 7 \times (2 \times 9 + 1 + 7 - 2 + 9)$.
- 232 := $(1 + 7) \times (-2 + 9 + 1 - 7) \times 29$.
- 233 := $17 - 2 \times 9 \times (17 - 29)$.
- 234 := $(1 - 72 + 91 - 7) \times 2 \times 9$.
- 235 := $1 + 72 - 9 + (17 + 2) \times 9$.
- 236 := $-1 \times 7 + (2 \times 9 + 1 \times 7 + 2) \times 9$.
- 237 := $1 + 72 + 9 \times 17 + 2 + 9$.
- 238 := $17 \times (29 - 1 - 7 + 2 - 9)$.
- 239 := $1 + 7 \times (29 - 1 + 7) + 2 - 9$.
- 240 := $1 + 7 + 29 \times 1 + 7 \times 29$.

- 241 := $172 + 91 + 7 - 29$.
- 242 := $(17 + 2 + 9 + 1 - 7) \times (2 + 9)$.
- 243 := $172 - 9 - 1 + 72 + 9$.
- 244 := $1 \times 72 + 91 + 72 + 9$.
- 245 := $17 + 291 - 72 + 9$.
- 246 := $172 + (9 - 1) \times 7 + 2 \times 9$.
- 247 := $-1 - 7 + 291 - 7 - 29$.
- 248 := $-1 + 7 \times 29 + 17 + 29$.
- 249 := $1 - 7 + 291 - 7 - 29$.
- 250 := $1 + 7 \times 29 + 17 + 29$.
- 251 := $1 \times 7 \times 29 - 1 - 7 \times (2 - 9)$.
- 252 := $-17 + 291 + 7 - 29$.
- 253 := $(1 + 7) \times 29 - 1 - 7 + 29$.
- 254 := $1 \times 72 + 9 \times 17 + 29$.
- 255 := $1 + 72 + 9 \times 17 + 29$.
- 256 := $(1 + 7) \times 2 \times (-9 + 17 \times 2 - 9)$.
- 257 := $1 \times 7 + 29 \times (1 + 7) + 2 \times 9$.
- 258 := $(-1 + 7) \times (-2 + 9 \times 1 + 7 + 29)$.
- 259 := $172 + 91 + 7 - 2 - 9$.
- 260 := $1 + 7 + 2 \times (9 \times (17 - 2) - 9)$.
- 261 := $(17 \times 2 - 9 - 1 + 7 - 2) \times 9$.
- 262 := $(-1 + 7 + 29) \times (1 + 7) - 2 \times 9$.
- 263 := $172 + 91 + 7 + 2 - 9$.
- 264 := $-1 + 7 \times 29 - 1 + 72 - 9$.
- 265 := $1 \times 7 \times 29 - 1 + 72 - 9$.
- 266 := $(1 \times 72 - 91) \times (-7 + 2 - 9)$.
- 267 := $172 + 91 - 7 + 2 + 9$.
- 268 := $1 + 72 - 9 + 1 + 7 \times 29$.
- 269 := $(17 + 29) \times (-1 + 7) + 2 - 9$.
- 270 := $((-1 + 7) \times 2 - 9) \times (1 + 7 + 2) \times 9$.
- 271 := $1 + 72 - 9 \times 1 \times (7 - 29)$.
- 272 := $17 + 291 - 7 - 29$.
- 273 := $(17 - 2 + 9 \times (1 - 7)) \times (2 - 9)$.
- 274 := $172 + 91 - 7 + 2 \times 9$.
- 275 := $1 \times 7 + 291 - 7 \times 2 - 9$.
- 276 := $1 \times 7 + 291 + 7 - 29$.
- 277 := $1 + 7 + 291 + 7 - 29$.
- 278 := $-17 - 2 - 9 + 17 \times 2 \times 9$.
- 279 := $17 \times 2 \times (-9 + 17) - 2 + 9$.
- 280 := $17 + 2 \times 91 + (7 + 2) \times 9$.
- 281 := $172 + 91 + 7 + 2 + 9$.
- 282 := $1 - 7 + (-2 + 9 + 1) \times (7 + 29)$.
- 283 := $17 + 291 - 7 - 2 \times 9$.
- 284 := $172 - 91 + 7 \times 29$.
- 285 := $-1 + 7 + (29 + 1) \times (7 + 2) + 9$.
- 286 := $17 + 291 + 7 - 29$.
- 287 := $-1 - 7 - 2 - 9 + 17 \times 2 \times 9$.
- 288 := $(1 + 7 + 29 \times 1) \times 7 + 29$.
- 289 := $1 + 72 + 9 \times (17 - 2 + 9)$.
- 290 := $172 - 9 + 1 + 7 \times 2 \times 9$.
- 291 := $(-1 + 7 \times 2) \times 9 - (1 - 7) \times 29$.
- 292 := $17 \times 2 \times 9 \times 1 - 7 + 2 - 9$.
- 293 := $1 \times 7 + 291 - 7 \times 2 + 9$.
- 294 := $1 + 7 + 291 - 7 \times 2 + 9$.
- 295 := $(1 \times 7 + 2 + 9) \times 17 - 2 - 9$.
- 296 := $-17 + 291 - 7 + 29$.
- 297 := $1 \times 72 + (-9 + 17 \times 2) \times 9$.
- 298 := $172 + 9 + (-1 + 7 \times 2) \times 9$.
- 299 := $172 + 91 + 7 + 29$.
- 300 := $1 + 7 - 2 + 91 + 7 \times 29$.
- 301 := $(1 + 7 + 29 - 1 + 7) \times (-2 + 9)$.
- 302 := $-1 \times 7 + 291 + 7 + 2 + 9$.
- 303 := $17 + 291 - 7 \times 2 + 9$.
- 304 := $(1 + 7) \times ((-2 + 9 + 1) \times 7 - 2 \times 9)$.
- 305 := $17 - 2 \times (9 - 17) \times 2 \times 9$.
- 306 := $(1 - 72 + 91 + 7 \times 2) \times 9$.
- 307 := $1 - 7 + 291 - 7 + 29$.
- 308 := $172 + 9 + 1 + 7 \times 2 \times 9$.
- 309 := $(-1 + 7) \times 2 + 9 \times 17 \times 2 - 9$.
- 310 := $17 \times 2 \times 9 \times 1 - 7 + 2 + 9$.
- 311 := $17 \times 2 \times 9 + 1 - 7 + 2 + 9$.
- 312 := $17 + 291 - 7 + 2 + 9$.
- 313 := $17 + 291 + 7 \times 2 - 9$.
- 314 := $(17 + 2) \times (9 - 1 + 7) + 29$.
- 315 := $(17 - 2 \times (9 - 17) + 2) \times 9$.
- 316 := $17 + 2 - 9 + 17 \times 2 \times 9$.
- 317 := $1 \times (7 + 2 + 9) \times 17 + 2 + 9$.
- 318 := $(-1 + 7) \times (-2 + 9 + 17 + 29)$.
- 319 := $-17 + 291 + (7 - 2) \times 9$.
- 320 := $-1 \times 7 + 291 + 7 + 29$.
- 321 := $(1 \times 72 + 91 - 7) \times 2 + 9$.
- 322 := $1 \times 7 \times (2 + 9 + 17 + 2 \times 9)$.
- 323 := $17 \times (-2 + 9 - 17 + 29)$.
- 324 := $1 \times 7 \times (29 + (1 + 7) \times 2) + 9$.
- 325 := $(1 + 7) \times 2 \times 9 + 172 + 9$.
- 326 := $17 + 291 + 7 + 2 + 9$.
- 327 := $(-1 - 7 + 29) \times (1 + 7) \times 2 - 9$.
- 328 := $17 \times 2 \times 9 \times 1 - 7 + 29$.
- 329 := $1 \times 7 \times 2 \times 9 \times 1 + 7 \times 29$.
- 330 := $17 \times 29 - 172 + 9$.
- 331 := $(1 - 7) \times (2 - 91) - 7 \times 29$.
- 332 := $(-1 + 7 + 2 - 91) \times (7 - 2 - 9)$.
- 333 := $(-1 + 72 - (9 + 1 + 7) \times 2) \times 9$.
- 334 := $17 + 2 + 9 \times 17 \times 2 + 9$.
- 335 := $1 + 7 + 291 + 7 + 29$.
- 336 := $(1 + 7) \times (-2 + 9 - 1 + 7 + 29)$.
- 337 := $(172 + 9 - 17) \times 2 + 9$.
- 338 := $(17 - 2) \times 9 + 1 \times 7 \times 29$.
- 339 := $((-1 + 7) \times 2 + 9) \times 17 - 2 \times 9$.
- 340 := $-17 - 291 + 72 \times 9$.
- 341 := $17 + 2 \times 9 + 17 \times 2 \times 9$.
- 342 := $1 \times 72 \times 9 - 17 \times 2 \times 9$.
- 343 := $172 + (91 - 72) \times 9$.
- 344 := $172 + 91 + 72 + 9$.
- 345 := $(-1 - 7 + 29) \times (1 + 7) \times 2 + 9$.
- 346 := $1 + (-7 + 29) \times 17 - 29$.
- 347 := $-1 \times 7 + 291 + 72 - 9$.
- 348 := $1 - 7 + 291 + 72 - 9$.
- 349 := $1 \times 7 + 2 \times (9 \times 17 + 2 \times 9)$.
- 350 := $1 \times 7 \times (29 - 1 - 7 + 29)$.

- 351 := $1 \times (7 - 2) \times (9 - 1) \times (7 + 2) - 9$.
- 352 := $(1 + 7) \times 2 \times (9 - 1 + 7 - 2 + 9)$.
- 353 := $17 + 291 + (7 - 2) \times 9$.
- 354 := $-(1 - 72 + 9) \times (-1 + 7) - 2 \times 9$.
- 355 := $172 + 9 + (-1 + 7) \times 29$.
- 356 := $(1 + 72) \times (9 + 1 - 7 + 2) - 9$.
- 357 := $(-1 + 7 + 2 + 9) \times (-1 - 7 + 29)$.
- 358 := $(1 + 7) \times 29 + 1 \times 7 \times 2 \times 9$.
- 359 := $-1 + 72 + (9 - 1) \times (7 + 29)$.
- 360 := $-1 + 7 + 291 + 72 - 9$.
- 361 := $1 \times 7 + 291 + 72 - 9$.
- 362 := $(1 - 7 + 29) \times 17 - 29$.
- 363 := $17 \times 2 \times (9 + 1) + 7 \times 2 + 9$.
- 364 := $1 \times 7 \times (-29 \times 1 + 72 + 9)$.
- 365 := $-1 \times 7 + 291 + 72 + 9$.
- 366 := $1 - 7 + 291 + 72 + 9$.
- 367 := $(1 + 7) \times 29 + (17 - 2) \times 9$.
- 368 := $-1 + 72 - 9 + 17 \times 2 \times 9$.
- 369 := $1 \times 72 - 9 + 17 \times 2 \times 9$.
- 370 := $1 + 72 - 9 + 17 \times 2 \times 9$.
- 371 := $17 + 291 + 72 - 9$.
- 372 := $(-1 + 7) \times (2 \times 9 - 1 + (7 - 2) \times 9)$.
- 373 := $-1 + (7 - 2) \times 91 - 72 - 9$.
- 374 := $17 \times (2 - 9) + 17 \times 29$.
- 375 := $1 + 7 \times 2 + (9 + 1) \times (7 + 29)$.
- 376 := $-1 \times 7 + (29 - 1) \times 7 \times 2 - 9$.
- 377 := $(1 \times 7 - 2 - 9 + 17) \times 29$.
- 378 := $-1 + 7 + 291 + 72 + 9$.
- 379 := $1 - 7 + 2 \times 91 + 7 \times 29$.
- 380 := $(-1 + 7 - 2 + 91) \times (-7 + 2 + 9)$.
- 381 := $-1 + 7 \times 2 \times (9 + 17) + 2 \times 9$.
- 382 := $-1 - 7 - 2 + (9 - 1) \times 7 \times (-2 + 9)$.
- 383 := $172 + 9 - 1 + 7 \times 29$.
- 384 := $1 - 72 + 91 \times (7 \times 2 - 9)$.
- 385 := $172 + 9 + 1 + 7 \times 29$.
- 386 := $1 + 7 + (29 - 1 - 7) \times 2 \times 9$.
- 387 := $1 \times 72 + 9 + 17 \times 2 \times 9$.
- 388 := $1 \times 7 \times (2 + (9 - 1) \times 7) - 2 \times 9$.
- 389 := $17 \times (2 + 9) - 1 + 7 \times 29$.
- 390 := $(1 - 72 + 9) \times (1 - 7) + 2 \times 9$.
- 391 := $17 \times (29 - 17 + 2 + 9)$.
- 392 := $(-1 - 7 + 2 \times (9 - 1)) \times 7 \times (-2 + 9)$.
- 393 := $1 + 7 + 2 \times 91 + 7 \times 29$.
- 394 := $-1 \times 7 + (29 - 1) \times 7 \times 2 + 9$.
- 395 := $17 \times (29 - 1) - 72 - 9$.
- 396 := $(-1 + 7 + 29 + 1) \times (-7 + 2 \times 9)$.
- 397 := $1 + (7 + 2 \times 9) \times 17 - 29$.
- 398 := $17 \times 2 \times (9 - 1) + 7 \times 2 \times 9$.
- 399 := $1 - 7 + (29 + (1 + 7) \times 2) \times 9$.
- 400 := $-17 + 291 + 7 \times 2 \times 9$.
- 401 := $-17 \times 2 + (9 - 1 + 7) \times 29$.
- 402 := $(1 - 7 + 29) \times 17 + 2 + 9$.
- 403 := $-1 \times (7 - 29) \times 17 + 29$.
- 404 := $(1 + 7 + 2 + 91) \times (-7 + 2 + 9)$.
- 405 := $(17 + (-2 + 9 \times 1 + 7) \times 2) \times 9$.
- 406 := $(-17 + 2 \times 9 + 1) \times 7 \times 29$.
- 407 := $-(1 + 7) \times 29 + (-1 + 72) \times 9$.
- 408 := $17 \times 2 \times (9 - 1 - 7 + 2 + 9)$.
- 409 := $17 - (2 - 9 \times (1 - 7)) \times (2 - 9)$.
- 410 := $-1 \times 7 + 291 + 7 \times 2 \times 9$.
- 411 := $17 \times 29 - 1 - 72 - 9$.
- 412 := $(1 \times 72 - 9 \times 1) \times 7 - 29$.
- 413 := $17 \times 29 + 1 - 72 - 9$.
- 414 := $(1 \times 7 - 2 \times (9 - 17)) \times 2 \times 9$.
- 415 := $(1 + 72 + 9 + 1) \times (7 \times 2 - 9)$.
- 416 := $(1 + 7) \times (-2 - 9 \times 1 + 72 - 9)$.
- 417 := $-(1 - 7) \times 2 + 9 \times 1 \times (7 - 2) \times 9$.
- 418 := $-1 - 7 + 2 \times (9 + 1 + 7 \times 29)$.
- 419 := $(17 - 2 + 9) \times 17 + 2 + 9$.
- 420 := $(1 - 7 + 29) \times 17 + 29$.
- 421 := $17 \times 2 \times (9 + 1) + (7 + 2) \times 9$.
- 422 := $1 - 7 \times 2 + (9 - 1 + 7) \times 29$.
- 423 := $1 \times 729 - 17 \times 2 \times 9$.
- 424 := $1 \times 7 + 291 + 7 \times 2 \times 9$.
- 425 := $1 + 7 + 291 + 7 \times 2 \times 9$.
- 426 := $1 + 7 + (2 \times 9 + 1) \times (-7 + 29)$.
- 427 := $(-1 + 72 - 9) \times 1 \times 7 + 2 - 9$.
- 428 := $-1 + 7 \times (-2 - 9 - 1 + 72) + 9$.
- 429 := $-1 - 72 + 9 + 17 \times 29$.
- 430 := $-1 - 7 - 291 + 729$.
- 431 := $-1 \times 7 - 291 + 729$.
- 432 := $1 - 7 - 291 + 729$.
- 433 := $-17 + 2 \times 9 \times ((1 + 7) \times 2 + 9)$.
- 434 := $17 + 291 + 7 \times 2 \times 9$.
- 435 := $(1 - 7 + 29 - 1 - 7) \times 29$.
- 436 := $1 \times 7 + (29 + 1) \times 7 \times 2 + 9$.
- 437 := $1 - 7 + 2 - 9 \times 1 \times 7 \times (2 - 9)$.
- 438 := $(1 + 72) \times (-9 + 1 + 7 - 2 + 9)$.
- 439 := $-1 + 7 - 2 + (9 - 1 + 7) \times 29$.
- 440 := $(1 + 7 + 2) \times (9 - 1 + 7 + 29)$.
- 441 := $(17 + 29 + 17) \times (-2 + 9)$.
- 442 := $1 - 72 \times (9 - 17 + 2) + 9$.
- 443 := $(1 - 7 - 2) \times 9 \times (1 - 7) + 2 + 9$.
- 444 := $-1 - 7 + 2 + 9 \times (1 - 7 \times (2 - 9))$.
- 445 := $1 \times 7 - 291 + 729$.
- 446 := $1 \times 72 \times 9 + 1 - 7 \times 29$.
- 447 := $-17 + 29 \times 17 - 29$.
- 448 := $1 \times (-72 - 9 + 17) \times (2 - 9)$.
- 449 := $1 + (-72 - 9 + 17) \times (2 - 9)$.
- 450 := $(1 + 7 - 29 - 1 + 72) \times 9$.
- 451 := $-1 + (72 - 9 - 1) \times 7 + 2 \times 9$.
- 452 := $(1 - 7) \times 2 + 91 \times (7 - 2) + 9$.
- 453 := $(-1 + 7) \times (-2 + 91) - 72 - 9$.
- 454 := $-1 + (7 - 2) \times 91 + 7 + 2 - 9$.
- 455 := $17 - 291 + 729$.
- 456 := $1 + 7 - 2 + 9 \times (1 + 7 \times (-2 + 9))$.
- 457 := $17 \times 29 \times 1 - 7 - 29$.
- 458 := $(-1 + 72) \times 9 - 172 - 9$.
- 459 := $-1 \times (7 - 2) + (9 \times 1 + 7) \times 29$.
- 460 := $(1 - 72 + 91) \times (7 \times 2 + 9)$.

- 461 := $17 \times (29 + 1) + 7 \times (2 - 9)$.
- 462 := $-1 - 7 + 2 + (9 + 17) \times 2 \times 9$.
- 463 := $-1 \times 7 + 2 + (9 + 17) \times 2 \times 9$.
- 464 := $(-1 \times 7 + 29 + 1 - 7) \times 29$.
- 465 := $(17 + 2 + 9) \times 17 - 2 - 9$.
- 466 := $-172 - 91 + 729$.
- 467 := $-172 - 9 \times 1 + 72 \times 9$.
- 468 := $17 \times 29 - 17 \times 2 + 9$.
- 469 := $17 \times 2 + (9 - 1 + 7) \times 29$.
- 470 := $(1 \times 72 - 9 \times 1) \times 7 + 29$.
- 471 := $17 \times 29 + 1 \times 7 - 29$.
- 472 := $(1 + 7) \times (2 + 9 - 1 - 7 \times (2 - 9))$.
- 473 := $(1 + 7 + 29 - 1 + 7) \times (2 + 9)$.
- 474 := $17 \times (29 + 1) - 7 - 29$.
- 475 := $-17 + 2 + (9 + 1) \times 7 \times (-2 + 9)$.
- 476 := $17 \times (2 - 9) \times 1 \times (7 - 2 - 9)$.
- 477 := $(-1 + 7) \times (2 + 91) - 72 - 9$.
- 478 := $-17 + (2 + 9 \times 1) \times (7 - 2) \times 9$.
- 479 := $-1 \times 7 + 29 \times 17 + 2 - 9$.
- 480 := $17 \times 2 \times 9 - (1 - 7) \times 29$.
- 481 := $(-1 + 7 \times 2) \times (-9 + 17 + 29)$.
- 482 := $1 - 7 - 2 + (9 + 1) \times 7 \times (-2 + 9)$.
- 483 := $-17 - 2 + 9 + 17 \times 29$.
- 484 := $-172 + 9 - 1 + 72 \times 9$.
- 485 := $-1 + (7 + 2) \times (-9 \times 1 + 72 - 9)$.
- 486 := $(17 + 2 - 9 + 17) \times 2 \times 9$.
- 487 := $(17 + 2 + 9) \times 17 + 2 + 9$.
- 488 := $(1 + 7) \times (2 \times 9 + 17 \times 2 + 9)$.
- 489 := $(1 - 7) \times (2 - 91) - (7 - 2) \times 9$.
- 490 := $(1 \times 7 - 2 + 9) \times (-1 + 7 + 29)$.
- 491 := $1 \times 7 \times (2 + 9) \times (-1 + 7) + 29$.
- 492 := $(1 - 7) \times 2 + (9 - 1) \times (72 - 9)$.
- 493 := $1 \times 7 + 29 \times 17 + 2 - 9$.
- 494 := $1 - 7 + 29 \times 17 - 2 + 9$.
- 495 := $(-1 + 7) \times (-2 + 91 - 7 + 2) - 9$.
- 496 := $17 \times (29 + 1) - 7 + 2 - 9$.
- 497 := $1 \times 729 - (1 + 7) \times 29$.
- 498 := $(-1 + 7) \times ((29 + 17) \times 2 - 9)$.
- 499 := $-1 + 7 \times 2 + 9 \times (1 + 7 - 2) \times 9$.
- 500 := $1 - 7 + 2 + (9 - 1) \times (72 - 9)$.
- 501 := $-17 + (2 + 9 \times (1 + 7)) \times (-2 + 9)$.
- 502 := $1 + 7 + 291 + 7 \times 29$.
- 503 := $-1 - 7 + 29 \times 17 + 2 \times 9$.
- 504 := $1 \times 7 \times 2 \times 9 \times 1 \times (-7 + 2 + 9)$.
- 505 := $-17 + 29 \times 17 + 29$.
- 506 := $-1 + 7 + 29 \times 17 - 2 + 9$.
- 507 := $(-(1 + 7) \times 2 + 91) \times 7 - 2 \times 9$.
- 508 := $(1 + 7 \times 2 \times 9) \times (-1 + 7 \times 2 - 9)$.
- 509 := $17 \times 2 \times 9 + 1 \times 7 \times 29$.
- 510 := $1 + 7 \times 29 + 17 \times 2 \times 9$.
- 511 := $(17 + 2 - 9 \times (1 - 7)) \times (-2 + 9)$.
- 512 := $(1 + 7) \times (29 + 17 + 2 \times 9)$.
- 513 := $(1 - 7) \times (2 - 91 + 7 - 2) + 9$.
- 514 := $-1 - 7 + 29 \times 17 + 29$.
- 515 := $-1 \times 7 + 29 \times 17 + 29$.
- 516 := $1 - 7 + 29 \times (1 \times 7 + 2 + 9)$.
- 517 := $-1 + 72 + 91 \times (7 - 2) - 9$.
- 518 := $17 \times 29 + (17 \times 2 - 9)$.
- 519 := $17 - 2 + 9 \times (1 + 7) \times (-2 + 9)$.
- 520 := $1 - 7 \times (29 + 1) + 729$.
- 521 := $-1 + (-7 + 29 \times 1 + 7) \times 2 \times 9$.
- 522 := $1 \times (-7 + 29 \times 1 + 7) \times 2 \times 9$.
- 523 := $1 - 72 + 9 \times (-1 + 7) \times (2 + 9)$.
- 524 := $-1 - 7 + (2 - 9) \times (1 - 7 \times (2 + 9))$.
- 525 := $1 \times 7 \times (2 + 91) - 7 \times 2 \times 9$.
- 526 := $1 + 729 - 1 - 7 \times 29$.
- 527 := $-1 \times 7 \times 29 + 1 + 729$.
- 528 := $1 + 729 + 1 - 7 \times 29$.
- 529 := $(-1 + 7 - 2) \times 9 + 17 \times 29$.
- 530 := $-17 - 2 \times 91 + 729$.
- 531 := $(-1 + 72) \times 9 + (1 - 7) \times 2 \times 9$.
- 532 := $(-1 \times 7 \times 2 + 91) \times 7 + 2 - 9$.
- 533 := $1 + (-7 \times 2 + 91) \times 7 + 2 - 9$.
- 534 := $(1 + 7 - 2) \times (9 - 1 + 72 + 9)$.
- 535 := $(1 - 7 \times 2 + 91) \times 7 - 2 - 9$.
- 536 := $17 \times 2 + 9 + 17 \times 29$.
- 537 := $1 + (7 - 2) \times 91 + 72 + 9$.
- 538 := $-1 + 7 + (2 - 9) \times (1 - 7 \times (2 + 9))$.
- 539 := $17 + 29 \times 17 + 29$.
- 540 := $(17 - 29 \times 1 + 72) \times 9$.
- 541 := $1 + 72 \times (9 - 1) - 7 - 29$.
- 542 := $-1 \times 7 + (-2 - 9 \times 1 + 72) \times 9$.
- 543 := $-17 + 29 \times (17 + 2) + 9$.
- 544 := $17 \times (29 - 1 - 7 + 2 + 9)$.
- 545 := $1 - 72 + (9 - 1) \times 7 \times (2 + 9)$.
- 546 := $17 \times (29 + 1) + 7 + 29$.
- 547 := $1 + 7 + (-2 + 9) \times 1 \times 7 \times (2 + 9)$.
- 548 := $1 \times 729 - 172 - 9$.
- 549 := $1 + 729 - 172 - 9$.
- 550 := $(-1 + 7 + 2 \times 9 + 1) \times (-7 + 29)$.
- 551 := $(172 - 9 \times 17) \times 29$.
- 552 := $(-1 + 7) \times 2 \times (9 + 1 + 7 + 29)$.
- 553 := $-1 \times 7 \times (29 + (1 - 7) \times 2 \times 9)$.
- 554 := $1 - 7 + 2 - (9 + 1 - 72) \times 9$.
- 555 := $1 + 7 - 2 \times 91 + 729$.
- 556 := $17 \times 29 \times 1 + 72 - 9$.
- 557 := $17 \times (29 - 1) + 72 + 9$.
- 558 := $(17 + (-2 + 9 \times 1 + 7)) \times 2 \times 9$.
- 559 := $-(1 + 7) \times (2 + 9) - 1 + 72 \times 9$.
- 560 := $((1 - 7) \times 2 + 91) \times 7 - 2 + 9$.
- 561 := $(-1 - 7 + 2 + 9) \times 17 \times (2 + 9)$.
- 562 := $1 \times 72 \times (9 - 1) - 7 + 2 - 9$.
- 563 := $(1 + 72 + 9) \times 1 \times 7 - 2 - 9$.
- 564 := $(1 - 7 \times 2 + 91) \times 7 + 2 \times 9$.
- 565 := $-1 - 72 - 91 + 729$.
- 566 := $1 \times 729 - 172 + 9$.
- 567 := $1 - 72 - 91 + 729$.
- 568 := $1 - 72 + 9 \times 1 \times 72 - 9$.
- 569 := $1 + 72 \times 9 + 1 - 72 - 9$.
- 570 := $1 \times 7 \times (2 + 9 + 1) \times 7 - 2 \times 9$.

- 571 := $-1 - 7 \times (2 + 9) + 1 + 72 \times 9$.
- 572 := $17 - 2 - 91 + 72 \times 9$.
- 573 := $17 \times 29 - 1 + 72 + 9$.
- 574 := $1 \times 72 + 9 + 17 \times 29$.
- 575 := $17 \times 29 + 1 + 72 + 9$.
- 576 := $(1 + 7 \times 2 + 9) \times (17 - 2 + 9)$.
- 577 := $(-1 + 72) \times 9 + 1 - 72 + 9$.
- 578 := $17 \times 2 \times (-9 + 1 + 7 + 2 \times 9)$.
- 579 := $(1 - 7) \times (2 - 91) + (7 - 2) \times 9$.
- 580 := $-1 \times 7 + (291 + 7) \times 2 - 9$.
- 581 := $(1 + 72 + 9 \times 1) \times 7 - 2 + 9$.
- 582 := $(-1 + 7) \times (2 + 91 - 7 + 2 + 9)$.
- 583 := $1 \times 72 \times (-9 + 17) - 2 + 9$.
- 584 := $(1 + 72) \times (-9 - 1 + 7 + 2 + 9)$.
- 585 := $(1 - 7 - 2) \times 9 + (1 + 72) \times 9$.
- 586 := $1 - 72 + 9 \times 1 \times 72 + 9$.
- 587 := $1 + 72 \times 9 + 1 - 72 + 9$.
- 588 := $1 \times 7 \times (-2 + 9 - 1) \times (7 - 2 + 9)$.
- 589 := $-17 - 2 + 91 \times 7 - 29$.
- 590 := $1 \times 72 \times (9 - 1) + 7 - 2 + 9$.
- 591 := $(1 \times 7 + 291 - 7) \times 2 + 9$.
- 592 := $(1 + 7) \times (2 + 9 \times 1 + 72 - 9)$.
- 593 := $-1 - 72 + 91 \times 7 + 29$.
- 594 := $-1 \times 72 + 91 \times 7 + 29$.
- 595 := $(1 - 7 \times 2 + 91 + 7) \times (-2 + 9)$.
- 596 := $1 - 7 + (2 + 91 - 7) \times (-2 + 9)$.
- 597 := $(1 - 7) \times (-2 + 9) + (-1 + 72) \times 9$.
- 598 := $-1 + 7 - 2 + 9 \times (-1 + 7) \times (2 + 9)$.
- 599 := $(1 - 7 \times 2) \times (9 + 1) + 729$.
- 600 := $(17 \times 2 - 9) \times (17 - 2 + 9)$.
- 601 := $-1 - 7 + 29 \times (-1 - 7 + 29)$.
- 602 := $1 \times 72 \times 9 - 17 - 29$.
- 603 := $(172 - 91 - 7 \times 2) \times 9$.
- 604 := $1 + 729 \times 1 - 7 \times 2 \times 9$.
- 605 := $1 - 7 \times 2 \times 9 + 1 + 729$.
- 606 := $1 \times 7 \times (2 + 9 + 1) \times 7 + 2 \times 9$.
- 607 := $(17 \times 2 \times 9 - 1 \times 7) \times 2 + 9$.
- 608 := $-1 + (-7 + 2 + 9 + 17) \times 29$.
- 609 := $-1 - 7 - 2 + 91 \times 7 - 2 \times 9$.
- 610 := $1 - 7 + (29 - 1) \times (-7 + 29)$.
- 611 := $1 \times 72 \times 9 - 1 - 7 - 29$.
- 612 := $17 \times (2 + 9 + 17 \times 2 - 9)$.
- 613 := $1 + 72 \times (9 - 1) + 7 + 29$.
- 614 := $1 - 7 - 29 + 1 + 72 \times 9$.
- 615 := $(-1 + 7) \times (-2 + 91) + 72 + 9$.
- 616 := $(-1 \times 7 + 29) \times (17 + 2 + 9)$.
- 617 := $1 + 7 - 29 \times (1 + 7 - 29)$.
- 618 := $1 + 7 - 29 + (-1 + 72) \times 9$.
- 619 := $(-1 + 7 - 2) \times 9 \times 17 - 2 + 9$.
- 620 := $(1 \times 7 - 2) \times (9 \times 17 - 29)$.
- 621 := $1 + (7 - 2) \times (9 \times 17 - 29)$.
- 622 := $17 + (291 + 7) \times 2 + 9$.
- 623 := $1 \times 7 + (29 - 1) \times (-7 + 29)$.
- 624 := $-1 \times 7 \times 2 - 91 + 729$.
- 625 := $(1 \times 7 + 2 \times 9) \times (17 \times 2 - 9)$.
- 626 := $1 + 7 - 29 - 1 + 72 \times 9$.
- 627 := $1 \times 72 \times 9 + (1 - 7) \times 2 - 9$.
- 628 := $1 + 7 - 29 + 1 + 72 \times 9$.
- 629 := $1 \times 72 - 91 + 72 \times 9$.
- 630 := $(17 + 2 + 9 \times 1 + 7) \times 2 \times 9$.
- 631 := $1 + 72 + (-9 - 1 + 72) \times 9$.
- 632 := $-1 + 72 \times 9 - 1 - 7 + 2 - 9$.
- 633 := $-1 - 7 - (2 - 91) \times 7 + 2 \times 9$.
- 634 := $(1 + 72) \times 9 - 1 + 7 - 29$.
- 635 := $1 - 7 + (-2 + 91) \times 7 + 2 \times 9$.
- 636 := $1 \times 72 \times 9 - 1 + 7 - 2 \times 9$.
- 637 := $17 - 29 + 1 + 72 \times 9$.
- 638 := $17 \times (29 - 1 + 7 + 2) + 9$.
- 639 := $-1 \times 7 - 2 - 9 + (1 + 72) \times 9$.
- 640 := $1 + 72 \times (9 + 1) - 72 - 9$.
- 641 := $1 + 7 \times (2 + 91) + 7 - 2 \times 9$.
- 642 := $-1 + 7 - 2 - 91 + 729$.
- 643 := $1 \times 7 - 2 - 91 + 729$.
- 644 := $1 + 72 \times 9 - 1 + 7 - 2 - 9$.
- 645 := $1 \times 72 \times 9 + (1 - 7) \times 2 + 9$.
- 646 := $17 \times (2 \times (9 + 1) + 7 + 2 + 9)$.
- 647 := $-17 - 2 + 91 \times 7 + 29$.
- 648 := $1 + 729 - 1 - 72 - 9$.
- 649 := $1 + 729 \times 1 - 72 - 9$.
- 650 := $1 - 72 - 9 + 1 + 729$.
- 651 := $-1 - 7 + 2 + 9 \times 1 + 72 \times 9$.
- 652 := $(1 + 72) \times 9 - 1 + 7 - 2 - 9$.
- 653 := $17 - 2 - 91 + 729$.
- 654 := $17 - 2 - 9 + 1 \times 72 \times 9$.
- 655 := $17 \times 2 \times (91 - 72) + 9$.
- 656 := $17 \times 29 + 172 - 9$.
- 657 := $17 + 2 - 91 + 729$.
- 658 := $1 + 72 \times (9 + 1) - 72 + 9$.
- 659 := $-17 + 29 - 1 + 72 \times 9$.
- 660 := $1 \times 72 \times 9 - 17 + 29$.
- 661 := $1 + 72 \times 9 - 17 + 29$.
- 662 := $1 \times 7 \times (2 + 91) - 7 + 2 \times 9$.
- 663 := $1 + 7 \times (2 + 91) - 7 + 2 \times 9$.
- 664 := $1 + 7 - 2 + 9 + 1 + 72 \times 9$.
- 665 := $-1 - 72 + 9 \times 1 + 729$.
- 666 := $1 + 729 - 1 - 72 + 9$.
- 667 := $-17 + (2 \times 9 + 1) \times (7 + 29)$.
- 668 := $-1 + 72 \times 9 - 1 - 7 + 29$.
- 669 := $1 \times 72 \times 9 + (-1 + 7) \times 2 + 9$.
- 670 := $1 \times (7 - 2) \times (9 - 1 + 7 \times 2 \times 9)$.
- 671 := $1 - 7 + 29 + 1 \times 72 \times 9$.
- 672 := $1 \times 72 \times 9 - 1 + 7 + 2 \times 9$.
- 673 := $-1 + 72 \times 9 + 1 - 7 - 2 \times 9$.
- 674 := $172 + 9 + 17 \times 29$.
- 675 := $1 + 72 \times 9 + 1 + 7 + 2 \times 9$.
- 676 := $(-1 + 7 - 2 + 91) \times 7 + 2 + 9$.
- 677 := $1 + 7 \times (2 + 91) + 7 + 2 \times 9$.
- 678 := $1 - 7 + (2 \times 9 + 1) \times (7 + 29)$.
- 679 := $(1 \times 7 - 2 + 91) \times 7 - 2 + 9$.
- 680 := $1 \times 7 \times 2 + 9 + (1 + 72) \times 9$.

- 681 := $1 + 7 \times 2 + 9 + (1 + 72) \times 9$.
- 682 := $17 + 2 \times 9 - 1 + 72 \times 9$.
- 683 := $1 \times 7 + 29 - 1 + 72 \times 9$.
- 684 := $1 + 729 - 17 - 29$.
- 685 := $1 \times 72 \times 9 + 1 + 7 + 29$.
- 686 := $1 + 72 \times 9 + 1 + 7 + 29$.
- 687 := $-17 \times 2 - 9 + 1 + 729$.
- 688 := $(-1 + 7 - 2) \times (9 + 172 - 9)$.
- 689 := $-1 + 7 \times (-2 + 91 + 7) + 2 \times 9$.
- 690 := $(1 + 7 + 2) \times (91 + 7 - 29)$.
- 691 := $-1 + 729 - 1 - 7 - 29$.
- 692 := $1 \times 729 - 1 - 7 - 29$.
- 693 := $1 - 7 - 29 - 1 + 729$.
- 694 := $-17 + (-2 + 9 \times 1 + 72) \times 9$.
- 695 := $1 + 729 + 1 - 7 - 29$.
- 696 := $(-1 + 7) \times 2 \times (9 \times 1 - 7) \times 29$.
- 697 := $17 \times (29 - 17 + 29)$.
- 698 := $1 - 7 + (2 + 9) \times (1 + 72 - 9)$.
- 699 := $1 + (-7 + 2) \times (-9 - 1) + 72 \times 9$.
- 700 := $-17 - 2 - 9 - 1 + 729$.
- 701 := $(-1 + 72) \times 9 - 1 + 72 - 9$.
- 702 := $-17 - 2 - 9 + 1 + 729$.
- 703 := $-17 \times 2 + 9 - 1 + 729$.
- 704 := $1 + 7 + 29 \times (1 + 7 \times 2 + 9)$.
- 705 := $-17 \times 2 + 9 + 1 + 729$.
- 706 := $1 \times 7 - 29 - 1 + 729$.
- 707 := $1 + 7 - 29 - 1 + 729$.
- 708 := $-17 + 29 \times (17 \times 2 - 9)$.
- 709 := $1 + 7 - 29 + 1 + 729$.
- 710 := $(-1 + 72) \times (91 - 72 - 9)$.
- 711 := $1 \times 729 \times 1 - 7 - 2 - 9$.
- 712 := $17 + 2 + 9 \times 1 \times 7 \times (2 + 9)$.
- 713 := $1 + 72 \times 9 + 1 + 72 - 9$.
- 714 := $1 \times 729 - 1 - 7 + 2 - 9$.
- 715 := $(-17 - 2 + 91 - 7) \times (2 + 9)$.
- 716 := $-172 + 917 - 29$.
- 717 := $1 \times 729 + 17 - 29$.
- 718 := $17 - 29 + 1 + 729$.
- 719 := $-1 + 72 + 9 \times (1 + 72) - 9$.
- 720 := $1 \times 72 + 9 \times (-1 + 72) + 9$.
- 721 := $-1 - 7 + (2 + 9 - 1) \times 72 + 9$.
- 722 := $-1 + 729 - 17 + 2 + 9$.
- 723 := $-1 + 729 - 1 + 7 - 2 - 9$.
- 724 := $1 \times 729 - 1 + 7 - 2 - 9$.
- 725 := $1 - 7 \times 2 + 9 + 1 \times 729$.
- 726 := $1 - 7 \times 2 + 9 + 1 + 729$.
- 727 := $-1 + 729 - 1 + 7 + 2 - 9$.
- 728 := $-1 + 7 + 2 + (9 - 1 + 72) \times 9$.
- 729 := $1 \times 729 \times 1 + 7 + 2 - 9$.
- 730 := $1 + 729 \times (1 - 7 - 2 + 9)$.
- 731 := $17 \times (2 \times 9 + (1 + 7) \times 2 + 9)$.
- 732 := $-(1 - 7) \times 2 + (9 - 1 + 72) \times 9$.
- 733 := $-1 \times 7 + 2 + 9 \times 1 + 729$.
- 734 := $-1 + 7 \times 2 - 9 + 1 + 729$.
- 735 := $1 \times 729 + 17 - 2 - 9$.
- 736 := $17 - 2 - 9 + 1 + 729$.
- 737 := $1 + 729 + (1 + 7) \times 2 - 9$.
- 738 := $(1 + 7 + 2) \times 9 \times 1 + 72 \times 9$.
- 739 := $1 + (7 + 2) \times 91 - (7 + 2) \times 9$.
- 740 := $-1 + 729 - 17 + 29$.
- 741 := $1 \times 729 - 17 + 29$.
- 742 := $17 + 29 \times (17 \times 2 - 9)$.
- 743 := $1 + 7 - 2 + 9 - 1 + 729$.
- 744 := $1 \times 729 + 1 + 7 - 2 + 9$.
- 745 := $1 + 729 + 1 + 7 - 2 + 9$.
- 746 := $(1 \times 7 \times 2 + 91) \times 7 + 2 + 9$.
- 747 := $-1 - 72 + 91 + 729$.
- 748 := $-1 \times 72 + 91 + 729$.
- 749 := $-1 + 729 - 1 - 7 + 29$.
- 750 := $1 \times 729 - 1 - 7 + 29$.
- 751 := $(-1 + 7) \times 2 + 91 + 72 \times 9$.
- 752 := $1 + 729 - 1 + 7 \times 2 + 9$.
- 753 := $17 \times (29 + 17) - 29$.
- 754 := $1 \times 7 + 2 \times 9 \times 1 + 729$.
- 755 := $1 + 7 + 2 \times 9 \times 1 + 729$.
- 756 := $((1 - 7) \times 2 - 9 \times (1 - 7)) \times 2 \times 9$.
- 757 := $17 + 2 + 9 \times 1 + 729$.
- 758 := $1 \times (7 - 2) \times 9 \times 17 + 2 - 9$.
- 759 := $1 \times 7 - 2 + (9 + 17) \times 29$.
- 760 := $1 + 7 - 2 + (9 + 17) \times 29$.
- 761 := $1 \times 7 \times (2 \times 91 - 72) - 9$.
- 762 := $1 + 7 \times (2 \times 91 - 72) - 9$.
- 763 := $17 + 2 \times 9 - 1 + 729$.
- 764 := $17 + 2 \times 9 \times 1 + 729$.
- 765 := $1 + 729 - 1 + 7 + 29$.
- 766 := $17 \times (-2 + 9) - 1 + 72 \times 9$.
- 767 := $1 + 7 + 29 + 1 + 729$.
- 768 := $1 - 7 + 2 \times 9 \times (17 \times 2 + 9)$.
- 769 := $-1 - (7 - 29) \times (-1 + 7 + 29)$.
- 770 := $(-1 + 7 \times 2 + 9) \times (17 + 2 \times 9)$.
- 771 := $-1 + 7 + (2 \times 9 - 1) \times (7 - 2) \times 9$.
- 772 := $1 \times 729 + 17 \times 2 + 9$.
- 773 := $1 + 729 + 17 \times 2 + 9$.
- 774 := $17 + 29 - 1 + 729$.
- 775 := $1 + 7 \times 2 \times 9 \times 1 + 72 \times 9$.
- 776 := $1 + 729 + 17 + 29$.
- 777 := $1 \times 7 \times (2 + 91) + 7 \times 2 \times 9$.
- 778 := $1 + 7 \times (2 + 91) + 7 \times 2 \times 9$.
- 779 := $1 + 729 - 1 \times 7 \times (2 - 9)$.
- 780 := $1 + 7 \times (2 \times 91 - 72) + 9$.
- 781 := $(17 + 2 + 91) \times 7 + 2 + 9$.
- 782 := $(17 + 29) \times (-1 + 7 + 2 + 9)$.
- 783 := $1 \times 72 + (9 + 1) \times 72 - 9$.
- 784 := $1 + 7 \times 2 \times 9 + (1 + 72) \times 9$.
- 785 := $1 + 7 \times 2 \times (9 - 17) \times (2 - 9)$.
- 786 := $(1 + 7) \times (-2 + 91 + 7) + 2 \times 9$.
- 787 := $-(1 + 7 \times (2 - 9)) \times 17 - 29$.
- 788 := $(17 + 2 + 91) \times 7 + 2 \times 9$.
- 789 := $17 + 2 + (9 + 1) \times 7 \times (2 + 9)$.
- 790 := $-1 + 72 - 9 - 1 + 729$.

- 791 := $1 \times 72 - 9 - 1 + 729$.
- 792 := $(1 \times 7 + 29 \times 1) \times (-7 + 29)$.
- 793 := $1 \times 729 + 1 + 72 - 9$.
- 794 := $1 + 72 - 9 + 1 + 729$.
- 795 := $(1 + 7 \times 2) \times (-9 - 1 + 72 - 9)$.
- 796 := $1 + 729 + (-1 + 7) \times (2 + 9)$.
- 797 := $-17 + (2 + 9 \times (1 + 7)) \times (2 + 9)$.
- 798 := $1 + 7 + (2 + 9) \times (-1 + 72) + 9$.
- 799 := $17 \times (29 \times 1 + 7 + 2 + 9)$.
- 800 := $-1 + 72 \times (9 + 1) + 72 + 9$.
- 801 := $-17 - 2 + 91 + 729$.
- 802 := $172 + 91 \times 7 + 2 - 9$.
- 803 := $-1 \times 7 + (2 + 9 - 1) \times (72 + 9)$.
- 804 := $-1 - 7 + 2 + (9 + 1) \times (7 + 2) \times 9$.
- 805 := $-1 \times 7 + 2 + 9 \times (1 + 7 + 2) \times 9$.
- 806 := $1 + (7 + 2) \times 91 - 7 + 2 - 9$.
- 807 := $17 - (2 + 9) \times (1 - 72) + 9$.
- 808 := $-1 + (7 + 2) \times 9 - 1 + 729$.
- 809 := $1 \times 72 + 9 - 1 + 729$.
- 810 := $172 - 91 + 729$.
- 811 := $1 + 729 \times 1 + 72 + 9$.
- 812 := $1 - 7 - 2 + 91 + 729$.
- 813 := $1 + (7 \times 2 - 9 - 1) \times 7 \times 29$.
- 814 := $(-1 - 7 - 2 + 91 - 7) \times (2 + 9)$.
- 815 := $1 \times 7 \times (-2 + 9) \times 17 - 2 \times 9$.
- 816 := $1 + 7 \times (-2 + 9) \times 17 - 2 \times 9$.
- 817 := $1 \times 729 + (1 + 7) \times (2 + 9)$.
- 818 := $-1 + 7 + 2 + 91 \times (7 + 2) - 9$.
- 819 := $(1 \times 72 + 91 - 72) \times 9$.
- 820 := $172 + 91 \times 7 + 2 + 9$.
- 821 := $-1 + 72 \times 9 - (1 - 7) \times 29$.
- 822 := $1 \times 7 \times (-2 + 9) \times 17 - 2 - 9$.
- 823 := $(1 + 72 - 9) \times (-1 + 7 \times 2) - 9$.
- 824 := $1 \times 7 \times 2 + 9 \times (1 + 7 + 2) \times 9$.
- 825 := $-1 + 72 + (9 + 17) \times 29$.
- 826 := $1 + 7 - 2 + 91 + 729$.
- 827 := $(-1 + 7) \times (2 \times 9 + 1) \times 7 + 29$.
- 828 := $1 - 72 + 917 - 2 \times 9$.
- 829 := $1 \times 7 + 2 + 91 + 729$.
- 830 := $1 + 72 \times 9 + 172 + 9$.
- 831 := $17 + (2 + 9 \times (1 + 7)) \times (2 + 9)$.
- 832 := $-1 + 7 \times (-2 + 9) \times (-1 + 7 + 2 + 9)$.
- 833 := $-1 - 72 + 917 - 2 - 9$.
- 834 := $1 \times 7 \times 2 + 91 + 729$.
- 835 := $17 - 2 + 91 + 729$.
- 836 := $(1 + 7 + 29 + 1) \times (-7 + 29)$.
- 837 := $-1 - 72 + 917 + 2 - 9$.
- 838 := $172 + 9 + (1 + 72) \times 9$.
- 839 := $17 + 2 + 91 + 729$.
- 840 := $(17 - 2 + 9) \times (-1 + 7 + 29)$.
- 841 := $(1 + 72 - 9) \times (-1 + 7 \times 2) + 9$.
- 842 := $1 + 7 \times 2 \times (9 - 1) + 729$.
- 843 := $17 - 2 + 91 \times (7 + 2) + 9$.
- 844 := $1 \times 7 \times (-2 + 9) \times 17 + 2 + 9$.
- 845 := $(-1 + 7 \times 2) \times 9 - 1 + 729$.
- 846 := $(17 \times 2 + 91) \times 7 - 29$.
- 847 := $17 \times (-2 + 9) - 1 + 729$.
- 848 := $(1 + 7) \times (-2 + 9 \times (-17 + 29))$.
- 849 := $-1 + 7 \times 29 - 1 + 72 \times 9$.
- 850 := $1 \times 72 \times 9 - 1 + 7 \times 29$.
- 851 := $-1 - 72 + 917 - 2 + 9$.
- 852 := $1 + (7 \times 2 - 9) \times 172 - 9$.
- 853 := $1 - 72 + 917 - 2 + 9$.
- 854 := $1 + 7 + (-2 + 91 + 7 - 2) \times 9$.
- 855 := $-1 - 72 + 917 + 2 + 9$.
- 856 := $1 + 729 \times 1 + 7 \times 2 \times 9$.
- 857 := $1 - 72 + 917 + 2 + 9$.
- 858 := $(-1 + 7) \times (2 + 9) \times (-1 + 7 - 2 + 9)$.
- 859 := $-1 + (7 - 2) \times (91 + 72 + 9)$.
- 860 := $1 - 7 \times 2 \times (9 + 1 - 72) - 9$.
- 861 := $(-17 + 2 \times (9 + 1) \times 7) \times (-2 + 9)$.
- 862 := $1 \times 7 \times (2 \times 9 + 1) + 729$.
- 863 := $1 + 7 \times (2 \times 9 + 1) + 729$.
- 864 := $(1 \times 7 + 2) \times (91 + 7) - 2 \times 9$.
- 865 := $(1 + 7 + 2) \times 91 + (-7 + 2) \times 9$.
- 866 := $17 \times 2 \times (9 + 17) - 2 \times 9$.
- 867 := $17 \times (-2 - 9 - 1 + 72 - 9)$.
- 868 := $(-1 + 72 - 9) \times 1 \times (7 - 2 + 9)$.
- 869 := $1 - 7 + (2 - 9) \times (1 - 7 \times 2 \times 9)$.
- 870 := $(1 - 7 + 2 + 9) \times (-1 + 7) \times 29$.
- 871 := $(-1 + 7 \times 2) \times (-9 - 1 + 7 \times (2 + 9))$.
- 872 := $-1 - 72 + (91 + 7 \times 2) \times 9$.
- 873 := $(17 - 2 + 91 - 7 - 2) \times 9$.
- 874 := $-1 \times 7 \times 2 + 917 - 29$.
- 875 := $1 - 72 + 917 + 29$.
- 876 := $(1 - 7) \times 2 \times (-91 + 7 + 2 + 9)$.
- 877 := $17 \times 2 \times (9 + 17) + 2 - 9$.
- 878 := $-1 - 7 - 2 + 917 - 29$.
- 879 := $-1 \times 7 - 2 + 917 - 29$.
- 880 := $1 - 7 - 2 + 917 - 29$.
- 881 := $1 + (72 - 9 + 17) \times (2 + 9)$.
- 882 := $-1 - 7 + 2 + 917 - 29$.
- 883 := $1 + (7 + 2) \times 91 + 72 - 9$.
- 884 := $-1 - 7 \times 2 + 917 - 2 \times 9$.
- 885 := $-1 \times 7 \times 2 + 917 - 2 \times 9$.
- 886 := $1 - 7 \times 2 + 917 - 2 \times 9$.
- 887 := $-17 - 2 + 917 - 2 - 9$.
- 888 := $(1 + 7 + 29) \times (1 + 7 \times 2 + 9)$.
- 889 := $(1 \times 7 + 2) \times (91 + 7) - 2 + 9$.
- 890 := $-17 \times 2 + 917 - 2 + 9$.
- 891 := $172 - 9 - 1 + 729$.
- 892 := $1 \times 72 + 91 + 729$.
- 893 := $1 + 72 + 91 + 729$.
- 894 := $1 + 7 - 2 + 917 - 29$.
- 895 := $-1 - 7 \times 2 + 917 + 2 - 9$.
- 896 := $-1 \times 7 \times 2 + 917 + 2 - 9$.
- 897 := $1 \times 7 + 2 + 917 - 29$.
- 898 := $1 + 7 + 2 + 917 - 29$.
- 899 := $(1 + 7 + 29 + 1 - 7) \times 29$.
- 900 := $(17 + 2 + 9 \times 1 + 72) \times 9$.

- 901 := $-1 - 7 + (29 \times 1 + 72) \times 9$.
- 902 := $17 \times 2 \times (9 + 17) + 2 \times 9$.
- 903 := $-1 - 7 + 2 \times 91 + 729$.
- 904 := $(17 \times 2 + 91) \times 7 + 29$.
- 905 := $(1 \times 7 \times 2 - 9) \times (172 + 9)$.
- 906 := $(1 + 7 + 2) \times 91 + 7 - 2 - 9$.
- 907 := $17 + 2 + 917 - 29$.
- 908 := $1 \times 7 + 2 + 917 - 2 \times 9$.
- 909 := $1 + 7 + 2 + 917 - 2 \times 9$.
- 910 := $172 + (9 + 1 + 72) \times 9$.
- 911 := $1 + 729 + 172 + 9$.
- 912 := $(-1 + 7) \times (-29 + 172 + 9)$.
- 913 := $-17 + 2 + 917 + 2 + 9$.
- 914 := $17 - 2 + 917 - 2 \times 9$.
- 915 := $(1 + 7 - 2) \times (9 \times 17 - 2) + 9$.
- 916 := $1 + 7 + 2 + 917 - 2 - 9$.
- 917 := $(-1 + 7 \times 2) \times (9 + 1) \times 7 - 2 + 9$.
- 918 := $(-1 + 7 \times 2 \times (9 - 1) - 7 - 2) \times 9$.
- 919 := $-1 \times 7 + 2 + 917 - 2 + 9$.
- 920 := $(-1 + 7 - 2) \times (9 + 1) \times (7 \times 2 + 9)$.
- 921 := $-1 \times 7 \times 2 + 917 + 2 \times 9$.
- 922 := $(-1 + 7) \times 2 + 917 + 2 - 9$.
- 923 := $-1 \times 7 + 2 + 917 + 2 + 9$.
- 924 := $(1 - 7) \times (2 - 9 \times 17) + 2 \times 9$.
- 925 := $17 + 2 + 917 - 2 - 9$.
- 926 := $(1 + 7) \times 2 + 917 + 2 - 9$.
- 927 := $1 \times (7 - 2 + 9 - 1) \times 72 - 9$.
- 928 := $(1 + 7 - 2 + 9 + 17) \times 29$.
- 929 := $1 \times 7 - 2 + 917 - 2 + 9$.
- 930 := $(1 + 7 - 2 + 9) \times (-1 + 72 - 9)$.
- 931 := $1 \times 7 \times 29 - 1 + 729$.
- 932 := $-1 \times 7 \times 2 + 917 + 29$.
- 933 := $1 - 7 \times 2 + 917 + 29$.
- 934 := $1 + 729 + 1 + 7 \times 29$.
- 935 := $(1 - 7 + 2 + 9) \times 17 \times (2 + 9)$.
- 936 := $-1 - 7 - 2 + 917 + 29$.
- 937 := $-1 + 7 \times (-29 + 172 - 9)$.
- 938 := $-1 + 7 \times (29 + 1) + 729$.
- 939 := $1 + 7 \times (-29 + 172 - 9)$.
- 940 := $(1 + 7) \times 2 + 917 - 2 + 9$.
- 941 := $1 + 7 - 2 + 917 + 2 \times 9$.
- 942 := $1 \times 7 \times 2 + 917 + 2 + 9$.
- 943 := $(17 + 2 + 9) \times 17 \times 2 - 9$.
- 944 := $1 \times 7 + 2 + 917 + 2 \times 9$.
- 945 := $17 \times (2 + 9 \times (-1 + 7)) + 2 - 9$.
- 946 := $1 + (7 - 2 + 9 - 1) \times 72 + 9$.
- 947 := $17 + 2 + 917 + 2 + 9$.
- 948 := $-1 + 7 \times 2 + 917 + 2 \times 9$.
- 949 := $(1 + 72) \times (-9 \times 1 - 7 + 29)$.
- 950 := $-1 + 7 - 2 + 917 + 29$.
- 951 := $(1 - 72 - 9) \times (1 - 7) \times 2 - 9$.
- 952 := $1 + 7 - 2 + 917 + 29$.
- 953 := $-1 + (72 + (9 + 1 + 7) \times 2) \times 9$.
- 954 := $-1 + 7 + 2 + 917 + 29$.
- 955 := $17 \times 2 \times 9 + 1 + 72 \times 9$.
- 956 := $1 + 7 + 2 + 917 + 29$.
- 957 := $1 \times 7 \times (-2 + (9 + 1) \times 7 \times 2) - 9$.
- 958 := $1 + 7 \times (-2 + (9 + 1) \times 7 \times 2) - 9$.
- 959 := $17 \times (2 + 9 \times (-1 + 7)) - 2 + 9$.
- 960 := $(1 - 7) \times 2 + 9 \times (-1 + 7) \times 2 \times 9$.
- 961 := $17 - 2 + 917 + 29$.
- 962 := $(1 + 7) \times 2 + 917 + 29$.
- 963 := $-1 \times 7 - 2 + 9 \times (-1 + 7) \times 2 \times 9$.
- 964 := $1 + (72 + 9) \times (-1 + 7) \times 2 - 9$.
- 965 := $17 + 2 + 917 + 29$.
- 966 := $(-1 - 7 + 29) \times (17 + 29)$.
- 967 := $-1 + (72 + 9 \times 1 + 7) \times (2 + 9)$.
- 968 := $1 - 7 + 2 + 9 \times (-1 + 7) \times 2 \times 9$.
- 969 := $17 \times (29 + 17 + 2 + 9)$.
- 970 := $(1 + 7 + 2) \times (9 + (1 + 7) \times (2 + 9))$.
- 971 := $1 - 7 + 29 \times 17 \times 2 - 9$.
- 972 := $1 + 72 + 917 - 2 \times 9$.
- 973 := $1 \times 7 \times 2 \times (9 + 1) \times 7 + 2 - 9$.
- 974 := $-1 + 7 + (2 + 9) \times (1 + 7) \times (2 + 9)$.
- 975 := $1 \times 7 \times (-2 + (9 + 1) \times 7 \times 2) + 9$.
- 976 := $(1 + 7 \times 2 \times (9 + 1)) \times 7 - 2 - 9$.
- 977 := $-1 + 72 + 917 - 2 - 9$.
- 978 := $(17 - 2 - 9) \times (172 - 9)$.
- 979 := $(1 \times 72 + 9 + 1 + 7) \times (2 + 9)$.
- 980 := $(-1 + 7 + 29) \times (17 + 2 + 9)$.
- 981 := $(17 + 2 + 91) \times (7 + 2) - 9$.
- 982 := $1 \times 72 + 917 + 2 - 9$.
- 983 := $1 + 72 + 917 + 2 - 9$.
- 984 := $(1 + 72 + 9) \times (-17 + 29)$.
- 985 := $(-1 + 72) \times (9 \times 1 + 7 - 2) - 9$.
- 986 := $17 \times (-2 \times 9 - 1 + 7 \times (2 + 9))$.
- 987 := $1 \times 7 \times 2 \times (9 + 1) \times 7 - 2 + 9$.
- 988 := $-1 \times 7 + 29 \times 17 \times 2 + 9$.
- 989 := $1 - 7 + 29 \times 17 \times 2 + 9$.
- 990 := $(17 + 29 - 1) \times (-7 + 29)$.
- 991 := $1 \times 7 \times 2 \times (9 + 1) \times 7 + 2 + 9$.
- 992 := $172 + 91 + 729$.
- 993 := $(1 + 72 + 9) \times (-1 + 7) \times 2 + 9$.
- 994 := $1 \times 7 \times (-2 + 9 \times (1 + 7 \times 2) + 9)$.
- 995 := $17 \times ((-2 + 9) \times (1 + 7) + 2) + 9$.
- 996 := $1 \times 72 + 917 - 2 + 9$.
- 997 := $17 + 2 \times (9 + 1) \times 7 \times (-2 + 9)$.
- 998 := $1 \times 7 \times 2 \times (9 + 1) \times 7 + 2 \times 9$.
- 999 := $(17 + 2 + 91) \times (7 + 2) + 9$.
- 1000 := $(-1 + 7 - 2) \times (9 + 1) \times (7 + 2 \times 9)$.
- 1001 := $1 - 729 + 1729$.
- 1002 := $1 \times 7 + 29 \times 17 \times 2 + 9$.
- 1003 := $-17 + 291 + 729$.
- 1004 := $1 - 7 + 2 + (9 - 1) \times 7 \times 2 \times 9$.
- 1005 := $(1 + 7 \times 2 \times 9) \times (1 + 7) - 2 - 9$.
- 1006 := $-1 \times 72 + (91 + 7) \times (2 + 9)$.
- 1007 := $(172 - 9) \times (-1 + 7) + 29$.
- 1008 := $(1 + 7 \times (2 - 9)) \times (1 + 7 - 29)$.
- 1009 := $1 + 7 \times 2 \times (-9 \times 1 + 72 + 9)$.
- 1010 := $(1 + 7 + 2) \times (9 \times (1 + 7) + 29)$.

- 1011 := $(-1 + 7) \times 2 \times 91 - 72 - 9$.
- 1012 := $(1 + (7 - 2 + 9 - 1) \times 7) \times (2 + 9)$.
- 1013 := $-1 \times 7 + 291 + 729$.
- 1014 := $1 - 7 + 291 + 729$.
- 1015 := $(1 + 7) \times 2 \times 9 \times 1 \times 7 - 2 + 9$.
- 1016 := $1 + (7 + 2 + 9 + 17) \times 29$.
- 1017 := $-1 + 72 + 917 + 29$.
- 1018 := $1 + 72 + (91 + 7 \times 2) \times 9$.
- 1019 := $(1 + 7) \times 2 \times 9 \times 1 \times 7 + 2 + 9$.
- 1020 := $(1 + 7 \times 2) \times (91 - 7 \times 2 - 9)$.
- 1021 := $-1 + 7 + (2 \times 9 + 17) \times 29$.
- 1022 := $1 \times 7 \times (2 \times 91 - 7 - 29)$.
- 1023 := $172 \times (-9 + 17 - 2) - 9$.
- 1024 := $1 \times 7 \times 29 \times 1 \times (7 - 2) + 9$.
- 1025 := $-1 + (7 \times 2 + 91 + 7 + 2) \times 9$.
- 1026 := $(172 - (9 - 1) \times 7 - 2) \times 9$.
- 1027 := $(1 + 7 \times 2 \times 9) \times (1 + 7) + 2 + 9$.
- 1028 := $1 + 7 + 291 + 729$.
- 1029 := $1 \times 7 \times (-2 + (9 + 1) \times 7 \times 2 + 9)$.
- 1030 := $-1 + (7 - 2 + 9) \times (1 + 72) + 9$.
- 1031 := $1 \times (7 - 2 + 9) \times (1 + 72) + 9$.
- 1032 := $(1 + 7) \times (2 + 91 + 7 + 29)$.
- 1033 := $((1 + 7) \times 2 \times 9 + 1) \times 7 + 2 \times 9$.
- 1034 := $17 \times 2 \times 9 - 1 + 729$.
- 1035 := $1 \times 729 + 17 \times 2 \times 9$.
- 1036 := $17 \times 2 \times 9 + 1 + 729$.
- 1037 := $17 + 291 + 729$.
- 1038 := $(-1 + 7) \times (-29 - 1 + 7 \times 29)$.
- 1039 := $-1 \times 7 \times 2 + 9 \times (-1 + 7 \times 2) \times 9$.
- 1040 := $(1 + 7) \times 2 \times 9 \times (1 + 7) - 2 - 9$.
- 1041 := $172 \times (-9 + 17 - 2) + 9$.
- 1042 := $1 \times (72 - 9) \times 17 - 29$.
- 1043 := $(1 - 7 + 2 + 9 \times 17) \times (-2 + 9)$.
- 1044 := $(1 + 72 - 9 + 1 - 7) \times 2 \times 9$.
- 1045 := $(17 + 2) \times (91 - 7 - 29)$.
- 1046 := $1 \times 7 \times (-2 + 9 \times 17) - 2 - 9$.
- 1047 := $1 - 7 + ((-2 + 9) \times 17 - 2) \times 9$.
- 1048 := $-1 - 7 + (-2 + 91 + 7) \times (2 + 9)$.
- 1049 := $-1 - 7 + (2 - 9 \times 17) \times (2 - 9)$.
- 1050 := $1 \times 7 \times (29 + 1) \times (7 \times 2 - 9)$.
- 1051 := $1 \times 7 + 29 \times 1 \times (7 + 29)$.
- 1052 := $(172 + 91) \times (-7 + 2 + 9)$.
- 1053 := $(17 + 2) \times (9 - 1) \times 7 - 2 - 9$.
- 1054 := $17 \times 2 \times (9 - 1 + 7 \times 2 + 9)$.
- 1055 := $(1 \times 7 - 2) \times (9 - 1 + 7 \times 29)$.
- 1056 := $(1 + 7) \times (2 + 9) \times (-17 + 29)$.
- 1057 := $(172 + 9) \times (-1 + 7) - 29$.
- 1058 := $1 + 7 \times (-2 + 9 + (1 + 7) \times 2 \times 9)$.
- 1059 := $-1 + 7 + ((-2 + 9) \times 17 - 2) \times 9$.
- 1060 := $172 + 917 - 29$.
- 1061 := $(17 - 2) \times (9 + 1) \times 7 + 2 + 9$.
- 1062 := $(1 \times 7 + 2) \times (-9 + 1 + 7 \times 2 \times 9)$.
- 1063 := $-17 + (29 + 1) \times (7 + 29)$.
- 1064 := $1 + 7 + (-2 + 91 + 7) \times (2 + 9)$.
- 1065 := $1 + (72 - 9) \times 17 + 2 - 9$.
- 1066 := $(-1 + 7 - 2 + 9) \times (1 + 72 + 9)$.
- 1067 := $1 \times 7 \times (2 + 9 \times 17) - 2 \times 9$.
- 1068 := $1 \times 7 \times (-2 + 9 \times 17) + 2 + 9$.
- 1069 := $-1 \times 72 \times (-9 + 1 - 7) - 2 - 9$.
- 1070 := $-1 + (7 + (-2 + 9 + 1) \times 7 \times 2) \times 9$.
- 1071 := $172 + 917 - 2 \times 9$.
- 1072 := $1 + (7 + (-2 + 9 + 1) \times 7 \times 2) \times 9$.
- 1073 := $17 + (-2 + 91 + 7) \times (2 + 9)$.
- 1074 := $(-1 + 7) \times 2 \times 91 - 7 - 2 - 9$.
- 1075 := $(17 + 2) \times (9 - 1) \times 7 + 2 + 9$.
- 1076 := $(-1 + 72) \times (9 - 1 + 7) + 2 + 9$.
- 1077 := $(1 + 72 - 9) \times 17 - 2 - 9$.
- 1078 := $(-1 - 7 + 29 + 1) \times 7 \times (-2 + 9)$.
- 1079 := $1 - 7 + (2 + 9 \times 17) \times (-2 + 9)$.
- 1080 := $(172 + 9 \times (1 - 7) + 2) \times 9$.
- 1081 := $(1 + 72 - 9) \times 17 + 2 - 9$.
- 1082 := $(1 \times 72 - 9) \times 17 + 2 + 9$.
- 1083 := $1 + (72 - 9) \times 17 + 2 + 9$.
- 1084 := $1 + 7 - 2 + (91 + 7) \times (2 + 9)$.
- 1085 := $(1 - 72 - 91 + 7) \times (2 - 9)$.
- 1086 := $(-1 + 7) \times ((29 + 1) \times 7 - 29)$.
- 1087 := $1 \times 7 \times 2 \times (91 - 7 \times 2) + 9$.
- 1088 := $(-1 + 7) \times 2 \times 91 + 7 - 2 - 9$.
- 1089 := $(17 + 2 \times (9 + 17) \times 2) \times 9$.
- 1090 := $17 + 2 - 9 \times 17 \times (2 - 9)$.
- 1091 := $1 \times 72 \times (9 - 1 + 7) + 2 + 9$.
- 1092 := $1 \times 7 \times (2 + 91 + 72 - 9)$.
- 1093 := $1 + 7 \times 2 + (91 + 7) \times (2 + 9)$.
- 1094 := $(1 + 7) \times 2 + (91 + 7) \times (2 + 9)$.
- 1095 := $(17 - 2) \times (-9 + 1 + 72 + 9)$.
- 1096 := $172 + 917 - 2 + 9$.
- 1097 := $17 + (29 + 1) \times (7 + 29)$.
- 1098 := $(1 \times 72 + (9 + 1) \times (7 - 2)) \times 9$.
- 1099 := $(17 + 2 \times (9 + 1) \times 7) \times (-2 + 9)$.
- 1100 := $(1 \times 72 - 9) \times 17 + 29$.
- 1101 := $(17 - 2) \times (9 \times (1 + 7) + 2) - 9$.
- 1102 := $(17 + 2) \times (9 \times 1 - 7) \times 29$.
- 1103 := $1 \times 7 \times (2 + 9 \times 17) + 2 \times 9$.
- 1104 := $(-1 + 7) \times (2 + 9 \times 17 + 29)$.
- 1105 := $17 \times (-2 \times (9 - 1) + 72 + 9)$.
- 1106 := $1 \times 7 \times ((2 + 9) \times 17 - 29)$.
- 1107 := $172 + 917 + 2 \times 9$.
- 1108 := $1 \times 7 \times (2 + 9 \times 17 + 2) + 9$.
- 1109 := $1 \times 72 \times (9 - 1 + 7) + 29$.
- 1110 := $(-1 + 7) \times (2 + 9 - (1 - 7) \times 29)$.
- 1111 := $(1 + 7 + 2 + 91) \times (-7 + 2 \times 9)$.
- 1112 := $(-1 + 7^2 + 91) \times 72/9$.
- 1113 := $-1^7 + 2 \times (-91 + 72 \times 9)$.
- 1114 := $1^7 \times 2 \times (-91 + 72 \times 9)$.
- 1115 := $-17 \times 2 + 91 \times 7 + 2^9$.
- 1116 := $(1 \times 7 + 2) \times (9 \times 17 - 29)$.
- 1117 := $1 + (7 + 2) \times (9 \times 17 - 29)$.
- 1118 := $172 + 917 + 29$.
- 1119 := $-17 + 2 + 9 \times 1 \times 7 \times 2 \times 9$.
- 1120 := $(1 + 7 + 2 \times (9 + 1)) \times (7^2 - 9)$.

- 1121 := $1 + 7^2 + 9 \times 17 \times (-2 + 9)$.
- 1122 := $1 + 7 - 2 \times (91 - 72 \times 9)$.
- 1123 := $1 \times 7 + 2 \times 9 \times (-1 + 72 - 9)$.
- 1124 := $-17 + (-2 + 9) \times (172 - 9)$.
- 1125 := $(172 - 91) \times 7 \times 2 - 9$.
- 1126 := $1 - 7 + 2 \times (9 \times (-1 + 7) + 2^9)$.
- 1127 := $1 \times 7 \times (-2 + 9 \times 1) \times (7 \times 2 + 9)$.
- 1128 := $-1 - 7 + 2 + 9 \times 1 \times 7 \times 2 \times 9$.
- 1129 := $(1 + 7) \times (29 - 1) \times (7 - 2) + 9$.
- 1130 := $1 - 7 \times 2 + 9 \times (1 + 7 \times 2 \times 9)$.
- 1131 := $17 + 2 \times (-91 + 72 \times 9)$.
- 1132 := $(-1 - 7 + 291) \times (-7 + 2 + 9)$.
- 1133 := $-1^7 + 2 \times (-9 \times 1 + 72) \times 9$.
- 1134 := $(-1 + 72 - 9 + 1) \times (7 + 2 + 9)$.
- 1135 := $-17 + 2 \times (-9 + 1 + 72) \times 9$.
- 1136 := $(1 + 7) \times (2 \times (9 - 1) + 7 \times 2 \times 9)$.
- 1137 := $(-17 + 2 \times 91) \times 7 - 2 \times 9$.
- 1138 := $17 \times (-2 + (9 + 1) \times 7) - 2 \times 9$.
- 1139 := $-(1 + 7)/2 + 9 \times (1 + 7 \times 2 \times 9)$.
- 1140 := $-(-1 + 7)/2 + 9 \times (1 + 7 \times 2 \times 9)$.
- 1141 := $(-1 + 72/9) \times (172 - 9)$.
- 1142 := $1 + 7 - 2 \times (9 \times 1 - 72) \times 9$.
- 1143 := $(172 - 91) \times 7 \times 2 + 9$.
- 1144 := $1 + 7 + 2 + 9 \times 1 \times 7 \times 2 \times 9$.
- 1145 := $1 - 7 + 2 + 91 \times 7 + 2^9$.
- 1146 := $1 + 72 \times (9 \times 1 + 7) + 2 - 9$.
- 1147 := $-1 + 7 + (-2 + 9) \times (172 - 9)$.
- 1148 := $(172 - 9 \times 1) \times 7 - 2 + 9$.
- 1149 := $17 - 2 + 9 \times 1 \times 7 \times 2 \times 9$.
- 1150 := $(1 + 7) \times 2 + 9 \times 1 \times 7 \times 2 \times 9$.
- 1151 := $(-1 + 72) \times 9 + 1^7 \times 2^9$.
- 1152 := $1 \times 72 \times (9 - 1 + 72/9)$.
- 1153 := $17 + 2 + 9 \times 1 \times 7 \times 2 \times 9$.
- 1154 := $1 - 7 + 2^9 \times 1 + 72 \times 9$.
- 1155 := $(17 - 2) \times (91 - 7 + 2 - 9)$.
- 1156 := $17 \times 2 \times (-9 + 17 \times 2 + 9)$.
- 1157 := $-1 + 7 + 2 + 91 \times 7 + 2^9$.
- 1158 := $1 \times 7 + 2 + 91 \times 7 + 2^9$.
- 1159 := $-1 + (7 \times 2 + 9 + 17) \times 29$.
- 1160 := $(1 \times 7 \times 2 + 9 + 17) \times 29$.
- 1161 := $1 + (7 \times 2 + 9 + 17) \times 29$.
- 1162 := $1 + 72 \times 9 + 1^7 + 2^9$.
- 1163 := $1 - 7 + 2^9 + (1 + 72) \times 9$.
- 1164 := $1^7 + (2 + 91) \times 7 + 2^9$.
- 1165 := $1 \times 7 \times 2 \times (91 - 7) - 2 - 9$.
- 1166 := $1 \times 72 \times 9 - 1 + 7 + 2^9$.
- 1167 := $1 \times 7 \times (2 + 9 + 1) \times 7 \times 2 - 9$.
- 1168 := $17 + 2^9 + (-1 + 72) \times 9$.
- 1169 := $-1 + 729 + 1 \times 7^2 \times 9$.
- 1170 := $1 \times 729 + 1 \times 7^2 \times 9$.
- 1171 := $1 + 729 + 1 \times 7^2 \times 9$.
- 1172 := $1 \times 7 + (2 \times (9 + 1 + 7))^2 + 9$.
- 1173 := $17 \times (-2 - 9 - 1 + 72 + 9)$.
- 1174 := $17 \times (-2 + (9 + 1) \times 7) + 2 \times 9$.
- 1175 := $(1 + 72) \times 9 - 1 + 7 + 2^9$.
- 1176 := $(1 - 7) \times (2 - 9) \times (-1^7 + 29)$.
- 1177 := $17^2 + 917 - 29$.
- 1178 := $(-1 + 72) \times (9 + 1 + 7) - 29$.
- 1179 := $(17 + 2) \times 9 \times 1 \times 7 - 2 \times 9$.
- 1180 := $-1 + 72 \times (9 \times 1 + 7) + 29$.
- 1181 := $-17 \times 2 + 9 \times (17 - 2) \times 9$.
- 1182 := $-1 + 7 \times 2 \times (91 - 7) - 2 + 9$.
- 1183 := $(-1 + 7 \times 2) \times 91 - 7 - 2 + 9$.
- 1184 := $(-17 + 2 \times 91) \times 7 + 29$.
- 1185 := $1 \times 7 \times (2 + 9 + 1) \times 7 \times 2 + 9$.
- 1186 := $1 - 7 + 2 \times (91 - 7 + 2^9)$.
- 1187 := $-1 - 72 + (9 + 1) \times 7 \times 2 \times 9$.
- 1188 := $(-1 + 7) \times 2 \times ((9 + 1) \times 7 + 29)$.
- 1189 := $1 - 72 + (9 + 1) \times 7 \times 2 \times 9$.
- 1190 := $17 \times (2 + 9 + 1 + 7^2 + 9)$.
- 1191 := $(17 - 2) \times (9 - 1 + 72) - 9$.
- 1192 := $(-1 + 7) \times (291 - 7) - 2^9$.
- 1193 := $1 + (7^2 - 9) \times 17 + 2^9$.
- 1194 := $1 + 7 \times 2 \times 91 - 72 - 9$.
- 1195 := $17^2 + 917 - 2 - 9$.
- 1196 := $(1 + 7 + 2 \times 9) \times (17 + 29)$.
- 1197 := $(-1 + 72 - 9 - 1 + 72) \times 9$.
- 1198 := $1 + (72 - 9) \times (1 + 7 + 2 + 9)$.
- 1199 := $17^2 + 917 + 2 - 9$.
- 1200 := $-17 - 2^9 + 1729$.
- 1201 := $172 \times (9 + 1) - 7 - 2^9$.
- 1202 := $1 - 7 \times 2 + 9 \times (17 - 2) \times 9$.
- 1203 := $-1 + 7 + (-2 + 9 \times (17 - 2)) \times 9$.
- 1204 := $(-1 \times 7 + 2 + 91) \times (7 - 2 + 9)$.
- 1205 := $-1 + 72 \times (9 + 1 + 7) - 2 \times 9$.
- 1206 := $(1 + 7 - 2 \times (9 \times 1 - 72)) \times 9$.
- 1207 := $1 + 72 \times (9 + 1 + 7) - 2 \times 9$.
- 1208 := $-1 - 7 + 2 \times (91 \times 7 - 29)$.
- 1209 := $1729 - 1 - 7 - 2^9$.
- 1210 := $(17 + 2 + 91) \times (-7 + 2 \times 9)$.
- 1211 := $1729 + 1 - 7 - 2^9$.
- 1212 := $1 + 7 \times 29 \times (-1 + 7) + 2 - 9$.
- 1213 := $(-1 \times 7 + 2 + 91) \times 7 \times 2 + 9$.
- 1214 := $1 + (-7 + 2 + 91) \times 7 \times 2 + 9$.
- 1215 := $-1^7 + (29 - 1 + 7)^2 - 9$.
- 1216 := $(1 + 7)^2 \times (9 - 1 - 7 + 2 \times 9)$.
- 1217 := $17^2 + 917 + 2 + 9$.
- 1218 := $(-1 + 7) \times 2 \times 91 + 7 \times 2 \times 9$.
- 1219 := $1 + (7^2 + 9) \times (-1 - 7 + 29)$.
- 1220 := $-1 + 72 + 91 \times 7 + 2^9$.
- 1221 := $-1 + 729 + 17 \times 29$.
- 1222 := $1 \times 729 + 17 \times 29$.
- 1223 := $1 + 729 + 17 \times 29$.
- 1224 := $1 - (7 + (2 - 91) \times 7) \times 2 - 9$.
- 1225 := $1 + 7 - 2^9 + 1729$.
- 1226 := $1 + 7 \times 2 \times 91 + 7 \times (2 - 9)$.
- 1227 := $1 \times 7 + 2 \times (91 + 7 + 2^9)$.
- 1228 := $(17 \times 2 \times 9 + 1) \times (-7 + 2 + 9)$.
- 1229 := $1 \times 7 \times 2 + 9 \times (17 - 2) \times 9$.
- 1230 := $(1^7 + 29) \times (1 + 7^2 - 9)$.

- 1231 := $17 \times (2 + (9 + 1) \times 7) - 2 + 9$.
- 1232 := $(1 \times 7 - 29) \times (1 + 7) \times (2 - 9)$.
- 1233 := $1 + (7 - 29) \times (1 + 7) \times (2 - 9)$.
- 1234 := $17 - 2^9 + 1729$.
- 1235 := $1 \times 729 + 1 - 7 + 2^9$.
- 1236 := $1729 - 17 \times 29$.
- 1237 := $-1^7 + 2 \times (91 \times 7 - 2 \times 9)$.
- 1238 := $1^7 \times 2 \times (91 \times 7 - 2 \times 9)$.
- 1239 := $-1 + 7 + (2 + 9 \times (17 - 2)) \times 9$.
- 1240 := $(1 + 7) \times (29 + 1 \times 7 \times 2 \times 9)$.
- 1241 := $17 + 2 \times ((9 + 1) \times 7 - 2) \times 9$.
- 1242 := $-17 \times 2 \times 9 + 172 \times 9$.
- 1243 := $172 + 9 \times 17 \times (-2 + 9)$.
- 1244 := $-1^7 + 2 \times 91 \times 7 - 29$.
- 1245 := $-17 + 2 + (9 + 1) \times 7 \times 2 \times 9$.
- 1246 := $1 \times 7 \times ((29 - 1) \times 7 - 2 \times 9)$.
- 1247 := $1 \times 729 - 1 + 7 + 2^9$.
- 1248 := $-1 + 7 + 2^9 + 1 + 729$.
- 1249 := $1 \times 7 \times 2 \times 91 - 7 - 2 \times 9$.
- 1250 := $172 \times 9 - 17^2 - 9$.
- 1251 := $1 + (7 - 2) \times (9 + 1) \times (7 + 2 \times 9)$.
- 1252 := $1 - 7 - 2 + (91 + 7^2) \times 9$.
- 1253 := $(17 - 2) \times (91 - 7) + 2 - 9$.
- 1254 := $(-1 + 7^2 + 9) \times 1 \times (-7 + 29)$.
- 1255 := $-1 + 7 \times 2 \times 91 - 7 - 2 - 9$.
- 1256 := $1 \times 7 \times 2 \times 91 - 7 - 2 - 9$.
- 1257 := $1 + 7 \times 2 \times 91 - 7 - 2 - 9$.
- 1258 := $17 + 2^9 + 1 \times 729$.
- 1259 := $17 + 2^9 + 1 + 729$.
- 1260 := $(1 \times 7 + 29 - 1) \times (7 + 29)$.
- 1261 := $1 + 7 \times 2 \times 91 - 7 + 2 - 9$.
- 1262 := $-1 + 7 + 2 \times 91 \times 7 - 2 \times 9$.
- 1263 := $1 + 7 + (-2 + 91) \times 7 \times 2 + 9$.
- 1264 := $1 + 7 + 2 \times 91 \times 7 - 2 \times 9$.
- 1265 := $-1 + 7 \times 2 \times 91 - 72/9$.
- 1266 := $1 \times 7 \times 2 \times 91 - 72/9$.
- 1267 := $(17 - 2) \times (91 - 7) - 2 + 9$.
- 1268 := $-17^2 + 9 + 172 \times 9$.
- 1269 := $1 \times 7 + 2 + (91 + 7^2) \times 9$.
- 1270 := $1 - 7 + 2 + 91 \times (7 - 2 + 9)$.
- 1271 := $(17 - 2) \times (91 - 7) + 2 + 9$.
- 1272 := $(1 + (((72 \times 9) - 17) \times 2)) + 9$.
- 1273 := $-1^7 + 91 \times (7 - 2 + 9)$.
- 1274 := $1 \times 7 \times 2 \times (91 + 7 + 2 - 9)$.
- 1275 := $1 + 7 \times 2 + (9 + 1) \times 7 \times 2 \times 9$.
- 1276 := $17 \times (2 + 9 \times (1 + 7)) + 2 \times 9$.
- 1277 := $-17 - 2 + 9 \times (1 + 7) \times 2 \times 9$.
- 1278 := $(-1^7 - 29 + 172) \times 9$.
- 1279 := $1 - 7 + 2 \times 91 \times 7 + 2 + 9$.
- 1280 := $-1 \times 7 + (-29 + 172) \times 9$.
- 1281 := $1^7 \times 2 \times 91 \times 7 - 2 + 9$.
- 1282 := $1^7 + 2 \times 91 \times 7 - 2 + 9$.
- 1283 := $1 + 7 \times 2 \times 91 + 72/9$.
- 1284 := $17 + 2 + 91 \times 7 \times 2 - 9$.
- 1285 := $1 \times 7 \times 2 \times 91 - 7 + 2 \times 9$.
- 1286 := $(-1 + 72) \times 9 - 1 + 72 \times 9$.
- 1287 := $1 \times 7 + 2^{9-1} \times 7 - 2^9$.
- 1288 := $(17 + 29) \times (-1^7 + 29)$.
- 1289 := $(1 + 7^2) \times (9 + 17) - 2 - 9$.
- 1290 := $(1 + 7) \times 2 + 91 \times (7 - 2 + 9)$.
- 1291 := $1 \times (-7 + 2) + 9 \times (1 + 7) \times 2 \times 9$.
- 1292 := $1 \times 7 + 2 + 91 \times 7 \times 2 + 9$.
- 1293 := $1^7 \times (2 + 91) \times 7 \times 2 - 9$.
- 1294 := $17 \times (29 + 17) + 2^9$.
- 1295 := $-172 + (91 + 72) \times 9$.
- 1296 := $(-1 + 7)^{2-9 \times 1-7+2 \times 9}$.
- 1297 := $1 + 72 \times 9 + 1 \times 72 \times 9$.
- 1298 := $-1 \times 7 + 2 \times 9 \times 1 \times 72 + 9$.
- 1299 := $1 \times 7 + 2 \times 91 \times 7 + 2 \times 9$.
- 1300 := $1 + 7 + 2 \times 91 \times 7 + 2 \times 9$.
- 1301 := $-1 - 7 + (2 + 9) \times 17 \times (-2 + 9)$.
- 1302 := $(17 - 2) \times 91 - 72 + 9$.
- 1303 := $(1 + 7 + 2 + 91 \times 7) \times 2 + 9$.
- 1304 := $(-1^{72} + 9) \times (172 - 9)$.
- 1305 := $1 \times 72 \times 9 + (1 + 72) \times 9$.
- 1306 := $172 + 9 \times 1 \times 7 \times 2 \times 9$.
- 1307 := $-1 \times 7 + 2 \times 9 \times ((1 + 7)^2 + 9)$.
- 1308 := $(-1 + 7) \times 2 + 9 \times (1 + 7) \times 2 \times 9$.
- 1309 := $1 \times 7 + (2 + 91) \times (7 - 2 + 9)$.
- 1310 := $1 + 7^2 + (9 + 1) \times 7 \times 2 \times 9$.
- 1311 := $(1 + 7^2) \times (9 + 17) + 2 + 9$.
- 1312 := $(172 - 9 + 1) \times 72/9$.
- 1313 := $-1 + (72 + 9 - 1 - 7) \times 2 \times 9$.
- 1314 := $1 \times 7^2 + 91 \times 7 \times 2 - 9$.
- 1315 := $-1 + 7 + (-2 + 9) \times 17 \times (2 + 9)$.
- 1316 := $1 \times 7 \times (-2 + 9 + 172 + 9)$.
- 1317 := $17 \times 2 + 91 \times 7 \times 2 + 9$.
- 1318 := $1 \times 7 + (2 + 91) \times 7 \times 2 + 9$.
- 1319 := $(17 + 2) \times (9 + 1) \times 7 - 2 - 9$.
- 1320 := $(1 - 7) \times 2 \times (9 + 1) \times (7 - 2 \times 9)$.
- 1321 := $1 \times 7 + 2 \times 9 \times ((1 + 7)^2 + 9)$.
- 1322 := $1 + 7 + (2 \times 9 \times (1 + 7) + 2) \times 9$.
- 1323 := $(-1 \times 7 + (2 + 9) \times 1 \times 7 \times 2) \times 9$.
- 1324 := $1 + 7 \times 2 \times 91 + 7 \times (-2 + 9)$.
- 1325 := $-1 \times 7 + 2 \times (91 \times 7 + 29)$.
- 1326 := $(1 + 7) \times 2 \times (91 - 7) - 2 \times 9$.
- 1327 := $17 \times (2 + 9) \times 1 \times 7 + 2 \times 9$.
- 1328 := $(1 + 7) \times 2 \times (91 - 72/9)$.
- 1329 := $(1 + 7)^2 + 91 \times 7 \times 2 - 9$.
- 1330 := $1 \times 7 \times (2 \times 91 + 72/9)$.
- 1331 := $-1 + 72 + (9 + 1) \times 7 \times 2 \times 9$.
- 1332 := $(-1 + 72 + 9 + 1 - 7) \times 2 \times 9$.
- 1333 := $-1 + (7^2 + 9) \times (1 - 7 + 29)$.
- 1334 := $1 \times (7^2 + 9) \times (1 - 7 + 29)$.
- 1335 := $1 + (7^2 + 9) \times (1 - 7 + 29)$.
- 1336 := $(1 + 7) \times ((29 - 1) \times 7 - 29)$.
- 1337 := $1 \times 7 \times 2 \times 91 + 72 - 9$.
- 1338 := $1 + 7 + 2 \times (9 \times 17 + 2^9)$.
- 1339 := $1 \times 7 + 2 \times (91 \times 7 + 29)$.
- 1340 := $17 + 2 \times 9 \times (1 + 72) + 9$.

- 1341 := $(-1 \times 7 \times 2 + 91 + 72) \times 9$.
- 1342 := $-1 + 7 \times 2 \times (91 + 7) - 29$.
- 1343 := $-1 \times 7 + (29 + 1) \times (7 - 2) \times 9$.
- 1344 := $(1 \times 7 - 2 + 91) \times (7 - 2 + 9)$.
- 1345 := $17 \times (-2 + 9 \times 1) \times 7 + 2^9$.
- 1346 := $1 + 7^2 + 9 \times (1 + 7) \times 2 \times 9$.
- 1347 := $-1 + 7 + (-2 + 9 \times 17 - 2) \times 9$.
- 1348 := $17 + (2 + 9)^{-1-7+2+9}$.
- 1349 := $(-1 + 72) \times (-9 + 17 + 2 + 9)$.
- 1350 := $-1 + 7 \times (2^{9-1} - 72 + 9)$.
- 1351 := $1 \times 7 \times (2^{9-1} - 72 + 9)$.
- 1352 := $(1 + 7) \times (-2 + 9 \times 17 + 2 \times 9)$.
- 1353 := $(-1 + 72 + 9) \times 17 + 2 - 9$.
- 1354 := $-1 + 7 \times 2 \times 91 + 72 + 9$.
- 1355 := $1 - 7 + 2 + (9 \times 17 - 2) \times 9$.
- 1356 := $1 + 72 + 91 \times 7 \times 2 + 9$.
- 1357 := $(17 - 2) \times 91 - 72/9$.
- 1358 := $-17 + (2 + 9) \times (-1 + 7 \times 2 \times 9)$.
- 1359 := $(1 + 7 - 29 + 172) \times 9$.
- 1360 := $(-1 + 72 + 9) \times (-1 + 7 + 2 + 9)$.
- 1361 := $(17 - 2) \times 91 + 7 - 2 - 9$.
- 1362 := $1^7 + 2 + (9 \times 17 - 2) \times 9$.
- 1363 := $1^7 \times (29 - 1) \times 7^2 - 9$.
- 1364 := $1 \times 7 - 2 + (9 \times 17 - 2) \times 9$.
- 1365 := $(17 - 2) \times 91/7 \times (-2 + 9)$.
- 1366 := $1 + 7 \times 2 \times (91 + 7) + 2 - 9$.
- 1367 := $(-1 + 72) \times 9 - 1 + 729$.
- 1368 := $1 \times 72 \times (9 + 1) + 72 \times 9$.
- 1369 := $17 \times 2 \times (9 - 1) \times (7 - 2) + 9$.
- 1370 := $1 + (7^2 - 9) \times 17 \times 2 + 9$.
- 1371 := $-1 + 7^2 \times (-9 + 1 + 7 + 29)$.
- 1372 := $1 \times 7^2 \times (-9 + 1 + 7 + 29)$.
- 1373 := $1 + 7^2 \times (-9 + 1 + 7 + 29)$.
- 1374 := $(1 - 7) \times 29 + 172 \times 9$.
- 1375 := $(-1 + 7 + (-2 + 9) \times 17) \times (2 + 9)$.
- 1376 := $172 \times (9 - 1^{729})$.
- 1377 := $1 \times 729 \times 1 + 72 \times 9$.
- 1378 := $1 \times 729 + 1 + 72 \times 9$.
- 1379 := $1 + 729 + 1 + 72 \times 9$.
- 1380 := $1 + 7 \times 2 \times (91 + 7) - 2 + 9$.
- 1381 := $172 \times (9 - 1) + 7 \times 2 - 9$.
- 1382 := $-1^7 + 29 \times (-1 + 7^2) - 9$.
- 1383 := $-1 + 7 + (2 \times 9 + 1) \times 72 + 9$.
- 1384 := $1 \times 7 + (2 \times 9 + 1) \times 72 + 9$.
- 1385 := $-1 + (7 + 2) \times (91 + 72 - 9)$.
- 1386 := $(1 + 7 - 29) \times (1 - 7) \times (2 + 9)$.
- 1387 := $17 \times (-2 + 91) - 7 \times 2 \times 9$.
- 1388 := $1 \times (7 + 2) \times 9 \times 17 + 2 + 9$.
- 1389 := $1 + (72 + 9) \times 17 + 2 + 9$.
- 1390 := $-1 + 7 \times 2 \times (91 + 7 + 2) - 9$.
- 1391 := $1 + 7 \times 2 \times (91 + 7) + 2 \times 9$.
- 1392 := $(-1 - 7 + 2 \times 91) \times 72/9$.
- 1393 := $1 \times 7 \times (2 \times 9 + 172 + 9)$.
- 1394 := $-1 \times 7 + 29 \times (-1 + 7^2) + 9$.
- 1395 := $(-1 + 7) \times 2 \times 9 \times (-1 + 7 \times 2) - 9$.
- 1396 := $(1 + 72) \times (91 - 72) + 9$.
- 1397 := $(1 \times 7 \times 2 \times 9 + 1^7) \times (2 + 9)$.
- 1398 := $(1 + 7) \times 2 \times 91 - 7^2 - 9$.
- 1399 := $172 \times (9 - 1) + 7 \times 2 + 9$.
- 1400 := $1 \times 7 - 2 + (9 \times 17 + 2) \times 9$.
- 1401 := $172 \times (9 - 1) + 7 + 2 \times 9$.
- 1402 := $1 + 7 \times 2 \times (91 + 7) + 29$.
- 1403 := $17 + (2 + 9 \times 1) \times 7 \times 2 \times 9$.
- 1404 := $(17^2 - 9 - 1) \times (7 - 2) + 9$.
- 1405 := $172 \times (-9 + 17) + 29$.
- 1406 := $1 - 7 + 29 \times 1 \times 7^2 - 9$.
- 1407 := $-1 + (72 + (9 - 1) \times 7) \times (2 + 9)$.
- 1408 := $1 \times (72 + (9 - 1) \times 7) \times (2 + 9)$.
- 1409 := $1 + (72 + (9 - 1) \times 7) \times (2 + 9)$.
- 1410 := $1 + 7 \times 2 \times (91 + 7 + 2) + 9$.
- 1411 := $1 \times 7 + 2 \times 9 \times (1 + 7 \times (2 + 9))$.
- 1412 := $172 \times (9 - 1) + 7 + 29$.
- 1413 := $(-1 + 729 - 17) \times 2 - 9$.
- 1414 := $(-1 + 7 \times 29 + 1) \times 7 + 2 - 9$.
- 1415 := $-1 + 7 \times (29 + 172) + 9$.
- 1416 := $(1 + 7) \times 2 \times 91 - 7^2 + 9$.
- 1417 := $(-1 + 7 \times 2) \times (91 + 7 + 2 + 9)$.
- 1418 := $-1 \times 7^2 + (91 + 72) \times 9$.
- 1419 := $-1 + 7 + (2 + 9 \times 17 + 2) \times 9$.
- 1420 := $(-1 + 72) \times (-9 \times 1^7 + 29)$.
- 1421 := $(17 - 2 - 9 + 1) \times 7 \times 29$.
- 1422 := $1 + 7 \times 29 \times (-1 + 72/9)$.
- 1423 := $1729 - 17 \times 2 \times 9$.
- 1424 := $(1 + 7) \times ((29 - 1) \times 7 - 2 \times 9)$.
- 1425 := $1 - 7 + 2 + 917 + 2^9$.
- 1426 := $-1^7 - 2 + 917 + 2^9$.
- 1427 := $-1^7 \times 2 + 917 + 2^9$.
- 1428 := $(17 - 2) \times 91 + 72 - 9$.
- 1429 := $1^{72} \times 917 + 2^9$.
- 1430 := $-1 - 7 + 2 \times (-9 - 1 + 729)$.
- 1431 := $(-1 + 729 - 17) \times 2 + 9$.
- 1432 := $(-1 + 7 \times 29 + 1) \times 7 + 2 + 9$.
- 1433 := $1 + 7 \times 29 \times 1 \times 7 + 2 + 9$.
- 1434 := $1 - 7 + 2 \times (-9 \times 1 + 729)$.
- 1435 := $1 + 7 - 2 + 917 + 2^9$.
- 1436 := $1 + 7 + (-2 + 9) \times (1 + 7 \times 29)$.
- 1437 := $1 \times 7 + 29 \times 1 \times 7^2 + 9$.
- 1438 := $-1 + 7 \times 29 \times 1 \times 7 + 2 \times 9$.
- 1439 := $1 \times 7 \times 29 \times 1 \times 7 + 2 \times 9$.
- 1440 := $1^7 \times 2 \times (9 - 1 + 72) \times 9$.
- 1441 := $1^7 + 2 \times (9 - 1 + 72) \times 9$.
- 1442 := $1^7 \times 2 \times (-9 + 1 + 729)$.
- 1443 := $1^7 + 2 \times (-9 + 1 + 729)$.
- 1444 := $1 + 7 \times 2 + 917 + 2^9$.
- 1445 := $17 \times (2 + 9 \times (1 + 7) + 2 + 9)$.
- 1446 := $1^7 \times 291 \times (7 - 2) - 9$.
- 1447 := $-1 + 72/9 \times (172 + 9)$.
- 1448 := $1 \times 72/9 \times (172 + 9)$.
- 1449 := $1729 - 17^2 + 9$.
- 1450 := $17 \times (-2 + 91) - 72 + 9$.

- 1451 := $-(1+7) \times 2 + 9 \times (172-9)$.
- 1452 := $-1 - 7 \times 2 + (91+72) \times 9$.
- 1453 := $1 \times 7 + 291 \times (7-2) - 9$.
- 1454 := $1 - 7 \times 2 + (91+72) \times 9$.
- 1455 := $17 + 2 \times (-9-1+729)$.
- 1456 := $(1+7) \times (2 + (9+1) \times (7+2+9))$.
- 1457 := $1 \times 729 - 1 + 729$.
- 1458 := $(1 \times 7 + 2) \times 9 \times 1 \times (7+2+9)$.
- 1459 := $1 \times 729 + 1 + 729$.
- 1460 := $(1+7+2) \times (9 \times 17 + 2 - 9)$.
- 1461 := $(1+72) \times 91/7 + 2^9$.
- 1462 := $-1 \times 7 + 2 + (91+72) \times 9$.
- 1463 := $17 + 291 \times (7-2) - 9$.
- 1464 := $17 \times (-2+91) + 7 \times (2-9)$.
- 1465 := $1^7 \times (2^{9+1} + 7^2 \times 9)$.
- 1466 := $172 \times 9 - 1 - 72 - 9$.
- 1467 := $1^{72} \times (91+72) \times 9$.
- 1468 := $-1^7 + 2 + (91+72) \times 9$.
- 1469 := $-1 + 7^2 \times (9-1-7+29)$.
- 1470 := $172 \times 9 - 1 - 7 \times (2+9)$.
- 1471 := $(1+729+1^7) \times 2 + 9$.
- 1472 := $1 \times 7 - 2 + (91+72) \times 9$.
- 1473 := $1 + 7 - 2 + (91+72) \times 9$.
- 1474 := $1^7 \times 2 \times (9-1+729)$.
- 1475 := $-1^7 + (-2+91-7) \times 2 \times 9$.
- 1476 := $1^7 \times 2 \times (9+1+72) \times 9$.
- 1477 := $1 \times 7 \times (-2+9+1+7 \times 29)$.
- 1478 := $1 + 7 \times 2 \times 91 + 7 \times 29$.
- 1479 := $(-1+7) \times 2 + 9 \times (172-9)$.
- 1480 := $-1 + 7 \times 2 + (91+72) \times 9$.
- 1481 := $17 + 291 \times (7-2) + 9$.
- 1482 := $(1-7) \times ((2-9) \times 17 \times 2 - 9)$.
- 1483 := $(1+7) \times 2 + 9 \times (172-9)$.
- 1484 := $172 \times 9 - 1 - 72 + 9$.
- 1485 := $-1 \times 72 + 9 \times 172 + 9$.
- 1486 := $1 - 72 + 9 \times 172 + 9$.
- 1487 := $17 \times (2+9) \times (-1+7+2) - 9$.
- 1488 := $(-1+7+2 \times 9) \times (-1+72-9)$.
- 1489 := $(1+7) \times (2+9) \times 17 + 2 - 9$.
- 1490 := $17 \times (-2+91) - 7 \times 2 - 9$.
- 1491 := $-1 + (7^2+91) \times 7 + 2^9$.
- 1492 := $1 \times (7^2+91) \times 7 + 2^9$.
- 1493 := $17 + 2 \times 9 \times (1+72+9)$.
- 1494 := $(1+72+9+1) \times (7+2+9)$.
- 1495 := $1^7 + (2 \times (91-7) - 2) \times 9$.
- 1496 := $17 \times (291-7 \times 29)$.
- 1497 := $1729 - (1+7) \times 29$.
- 1498 := $1 \times 7 \times (-2 \times 9 + (1+7) \times 29)$.
- 1499 := $1 + 7 \times (-2 \times 9 + (1+7) \times 29)$.
- 1500 := $17 \times (2+91) - 72 - 9$.
- 1501 := $(1+7+2) \times 9 \times 17 - 29$.
- 1502 := $-17 - 29 + 172 \times 9$.
- 1503 := $(-1+7)^2 + 9 \times (172-9)$.
- 1504 := $(1+7) \times (-2+9+172+9)$.
- 1505 := $172 \times 9 - 17 \times 2 - 9$.
- 1506 := $(1^7+2) \times (9+17 \times 29)$.
- 1507 := $172 \times 9 - 1 - 7^2 + 9$.
- 1508 := $-1 \times 7^2 + 9 + 172 \times 9$.
- 1509 := $-1^7 - 2 + (91-7) \times 2 \times 9$.
- 1510 := $1^7 \times (-2 + (91-7) \times 2 \times 9)$.
- 1511 := $1^7 - 2 + (91-7) \times 2 \times 9$.
- 1512 := $(1 \times 7 + 2 \times 91) \times 72/9$.
- 1513 := $17 \times (-2+91) - 7 - 2 + 9$.
- 1514 := $(1+7) \times 2 \times 91 + 7^2 + 9$.
- 1515 := $1 \times 7 + 2 \times (9+17) \times 29$.
- 1516 := $1 \times 7^2 + (91+72) \times 9$.
- 1517 := $1 + 7^2 + (-9+172) \times 9$.
- 1518 := $17 \times (2+91) - 72 + 9$.
- 1519 := $(1+7+2) \times 9 \times 17 - 2 - 9$.
- 1520 := $172 \times 9 - 17 - 2 - 9$.
- 1521 := $(-1 \times 7 + 29 - 1) \times 72 + 9$.
- 1522 := $172 \times 9 - 1 - 7 - 2 \times 9$.
- 1523 := $-17 \times 2 + 9 + 172 \times 9$.
- 1524 := $-17 + 2 + 9 \times (17+2) \times 9$.
- 1525 := $1729 - 1 - 7 \times 29$.
- 1526 := $1 \times 7 \times 2 \times (91+7+2+9)$.
- 1527 := $1 + 7 \times 2 \times (91+7+2+9)$.
- 1528 := $1^7 + 2^9 \times (1^7+2) - 9$.
- 1529 := $-1 + (7-2) \times (9+1+7) \times 2 \times 9$.
- 1530 := $17 \times (2+9-1^7) \times 9$.
- 1531 := $172 \times 9 + 1 - 7 - 2 - 9$.
- 1532 := $1 - 7 + 2 + (9+1-7) \times 2^9$.
- 1533 := $(1+72) \times (9-17+29)$.
- 1534 := $(-1+7 \times 2) \times (-9+1+7 \times 2 \times 9)$.
- 1535 := $1 - 7 + 2 - 9 + 172 \times 9$.
- 1536 := $172 \times 9 + 17 - 29$.
- 1537 := $-1^7 \times 2 + 9 \times (17+2) \times 9$.
- 1538 := $172 \times 9 - 17 - 2 + 9$.
- 1539 := $172 \times 9 - 1 - 72/9$.
- 1540 := $(17+291) \times (7 \times 2 - 9)$.
- 1541 := $(1+7+2) \times 9 \times 17 + 2 + 9$.
- 1542 := $(-1-7+29) \times (1+72) + 9$.
- 1543 := $(-1+7) \times 291 - 7 \times 29$.
- 1544 := $-1^7 + 2^9 \times (-1+7)/2 + 9$.
- 1545 := $1 + 7 - 2 - 9 + 172 \times 9$.
- 1546 := $17 \times 2 + (91-7) \times 2 \times 9$.
- 1547 := $(1-7+2-9) \times 17 \times (2-9)$.
- 1548 := $1729 - 172 - 9$.
- 1549 := $1 + 7 + 2 + 9 \times 172 - 9$.
- 1550 := $(-1+72-9) \times (17 \times 2 - 9)$.
- 1551 := $(1+7 \times 2 \times (9+1)) \times (-7+2 \times 9)$.
- 1552 := $1 \times 7 \times (2^9 - 17^2) - 9$.
- 1553 := $172 \times 9 + 1 - 7 + 2 + 9$.
- 1554 := $17 - 2 + 9 \times (17+2) \times 9$.
- 1555 := $1729 + (1-7) \times 29$.
- 1556 := $172 \times 9 - 1^{72} + 9$.
- 1557 := $-1 \times 72 + 9 \times (172+9)$.
- 1558 := $172 \times 9 - 1 - 7 + 2 \times 9$.
- 1559 := $-1 \times 7 + 2 \times 9 + 172 \times 9$.
- 1560 := $1 - 7 + 2 \times 9 + 172 \times 9$.

- 1561 := $1 \times 7^2 + (91 - 7) \times 2 \times 9$.
- 1562 := $17 \times (-2 + 91) + 7 \times (-2 + 9)$.
- 1563 := $1 + 7 - 2 + 9 \times 172 + 9$.
- 1564 := $(-1 + 7^2 \times (9 - 1)) \times (-7 + 2 + 9)$.
- 1565 := $172 \times 9 - 1 + 7 + 2 + 9$.
- 1566 := $1729 - 172 + 9$.
- 1567 := $1 + 7 + 2 + 9 + 172 \times 9$.
- 1568 := $1 \times 7 \times 2 \times (9 - 1) \times (7 - 2 + 9)$.
- 1569 := $-1 - 7 + 29 + 172 \times 9$.
- 1570 := $-1 \times 7 + 29 + 172 \times 9$.
- 1571 := $1 \times 7 - 2 + 9 \times (-1 + 7) \times 29$.
- 1572 := $172 \times 9 - 1 + 7 + 2 \times 9$.
- 1573 := $1 \times 7 + 2 \times 9 + 172 \times 9$.
- 1574 := $172 \times 9 + 1 + 7 + 2 \times 9$.
- 1575 := $(17 - 2) \times (91 + 7 - 2 + 9)$.
- 1576 := $17 + 2 + 9 + 172 \times 9$.
- 1577 := $1^7 \times (29 + 172 \times 9)$.
- 1578 := $(17 + 2) \times (91 - 7) - 2 \times 9$.
- 1579 := $-1 - 7^2 + 9 \times (172 + 9)$.
- 1580 := $-1 \times 7^2 + 9 \times (172 + 9)$.
- 1581 := $1 + 7 \times 2 + 9 \times (-1 + 7) \times 29$.
- 1582 := $(1 + 7 \times 2 \times (9 - 1)) \times (7 - 2 + 9)$.
- 1583 := $-1 + 7 + 29 + 172 \times 9$.
- 1584 := $1 \times 7 + 29 + 172 \times 9$.
- 1585 := $172 \times 9 + 1 + 7 + 29$.
- 1586 := $1 + 7^2 + (9 + 1 - 7) \times 2^9$.
- 1587 := $172 \times 9 - 1 + 7^2 - 9$.
- 1588 := $1 \times 7^2 + 9 \times 172 - 9$.
- 1589 := $17 \times (2 + 91) + 72/9$.
- 1590 := $-17 \times 2 + (9 - 1) \times 7 \times 29$.
- 1591 := $17 \times 2 + 9 + 172 \times 9$.
- 1592 := $-1 + (-7 + 29 \times 1) \times 72 + 9$.
- 1593 := $(-1 \times 7 + 29 \times 1) \times 72 + 9$.
- 1594 := $((172 \times 9) + 17) + 29$.
- 1595 := $(17 \times (2 + 91)) + 7 - 2 + 9$.
- 1596 := $172 \times 9 - 1 + 7 \times (-2 + 9)$.
- 1597 := $(1 + 7) \times 2 \times (91 + 7) + 29$.
- 1598 := $17 \times (2 \times 9 - 1 + 7 \times (2 + 9))$.
- 1599 := $17 \times (2 + 91) + 7 + 2 + 9$.
- 1600 := $(1 + 7^2) \times (9 \times 1 + 7 \times 2 + 9)$.
- 1601 := $-1^7 + (-2 + 91) \times (7 + 2 + 9)$.
- 1602 := $(-1^7 - 2 + 9 + 172) \times 9$.
- 1603 := $(1 + 7)^2 + 9 \times 172 - 9$.
- 1604 := $-17 \times 2 + 91 \times (7 + 2 + 9)$.
- 1605 := $-1 + 7 \times 29 \times (1 + 7) - 2 \times 9$.
- 1606 := $1 \times 7^2 + 9 + 172 \times 9$.
- 1607 := $-17 + 29 \times (1 + 7) \times (-2 + 9)$.
- 1608 := $1 \times 72 + (9 + 1 - 7) \times 2^9$.
- 1609 := $-17 + 2 + (9 - 1) \times 7 \times 29$.
- 1610 := $17 \times (2 - 9) + 1729$.
- 1611 := $1 - 7 \times 2 + (9 - 1) \times 7 \times 29$.
- 1612 := $172 \times 9 + 1 + 72 - 9$.
- 1613 := $-1 \times 7 + 2 \times 9 \times (1 + 7 + 2) \times 9$.
- 1614 := $(-1 + 7) \times (291 + 7 - 29)$.
- 1615 := $17 \times (2 \times (9 + 17) \times 2 - 9)$.
- 1616 := $-1 - 7 + (29 - 1) \times (7^2 + 9)$.
- 1617 := $(-1 + 7 \times 2 + 9 - 1) \times 7 \times (2 + 9)$.
- 1618 := $1 + 7 \times 29 \times (1 + 7) + 2 - 9$.
- 1619 := $17 + (-2 + 91) \times (7 + 2 + 9)$.
- 1620 := $(17 + (2 \times 9 + 1)) \times (7 - 2) \times 9$.
- 1621 := $1 - 7 - 2 + 9 \times (172 + 9)$.
- 1622 := $-1 \times 7 + 2 \times 91 \times (7 + 2) - 9$.
- 1623 := $-1 - 7 + 2 + 9 \times (172 + 9)$.
- 1624 := $172 \times 9 - 1 + 7 \times (2 + 9)$.
- 1625 := $-(1 + 7)/2 + (9 + 172) \times 9$.
- 1626 := $1^7 \times 2 + (9 - 1) \times 7 \times 29$.
- 1627 := $-1^7 \times 2 + (9 + 172) \times 9$.
- 1628 := $172 \times 9 - 1 + 72 + 9$.
- 1629 := $1^7 \times 9 \times (172 + 9)$.
- 1630 := $1^7 \times 9 \times (172 + 9)$.
- 1631 := $1 \times 7 \times (2 \times (9 - 1) \times 7 \times 2 + 9)$.
- 1632 := $1 \times 72/9 \times (1 + 7 \times 29)$.
- 1633 := $(1 + 7)/2 + (9 + 172) \times 9$.
- 1634 := $-1 \times 7^2 + 9 \times 17 \times (2 + 9)$.
- 1635 := $(-1 + 7) \times (-2 \times 9 + 17^2) + 9$.
- 1636 := $1 + 7 \times 29 \times (1 + 7) + 2 + 9$.
- 1637 := $-1 + 7 + 2 + 9 \times (172 + 9)$.
- 1638 := $(1 \times 72 - 9) \times (1 + 7 + 2 \times 9)$.
- 1639 := $172 + (91 + 72) \times 9$.
- 1640 := $1^7 \times 2 \times (91 + 729)$.
- 1641 := $1^7 + 2 \times (91 + 729)$.
- 1642 := $((1 + 7) \times 29 + 1) \times 7 + 2 + 9$.
- 1643 := $17 \times (-2 + 91 + 7) + 2 + 9$.
- 1644 := $(-1 + 7) \times (2^{9-1} + 7 + 2 + 9)$.
- 1645 := $-1 - 7 + 29 \times (-1 + 7^2 + 9)$.
- 1646 := $(-1 + 72 + 91) \times 7 + 2^9$.
- 1647 := $(1 + (7 - 2 + 9 - 1) \times 7 \times 2) \times 9$.
- 1648 := $-1 \times 72 - 9 + 1729$.
- 1649 := $1729 + 1 - 72 - 9$.
- 1650 := $(1 + 7^2) \times (9 - 1 + 7 + 2 \times 9)$.
- 1651 := $1729 - 1 - 7 \times (2 + 9)$.
- 1652 := $(17 + 2 + 9) \times (1 + 7^2 + 9)$.
- 1653 := $1729 + 1 - 7 \times (2 + 9)$.
- 1654 := $-1 \times 7 + (-2 + 9 \times 17) \times (2 + 9)$.
- 1655 := $-17 + 2^{9+1} + 72 \times 9$.
- 1656 := $((1 - 7)^2 + 9 + 1) \times (7 + 29)$.
- 1657 := $17 + 2 \times (91 + 729)$.
- 1658 := $17 \times 2 + (9 - 1) \times 7 \times 29$.
- 1659 := $(1 - 7 \times 2 \times (9 + 1 + 7)) \times (2 - 9)$.
- 1660 := $-1^7 + (-2 + 9 \times 17) \times (2 + 9)$.
- 1661 := $1^7 \times (-2 + 9 \times 17) \times (2 + 9)$.
- 1662 := $(-1 + 7) \times (291 - 7 + 2 - 9)$.
- 1663 := $1729 + ((1 - 7) \times (2 + 9))$.
- 1664 := $(-1 + 7 \times 2) \times (9 \times 1 - 7)^{-2+9}$.
- 1665 := $1729 - 1 - 72 + 9$.
- 1666 := $1729 \times 1 - 72 + 9$.
- 1667 := $1 - 72 + 9 + 1729$.
- 1668 := $-1 - 7 \times 2 + 9 \times 17 \times (2 + 9)$.
- 1669 := $(17^2 - 9) \times (-1 + 7) - 2 - 9$.
- 1670 := $(1 - 7 + 29) \times (1 + 72) - 9$.

- $1671 := 172 \times (9 + 1) + 7 \times (2 - 9)$.
- $1672 := (1 + 7) \times (2 + 9 + 1 + 7) \times (2 + 9)$.
- $1673 := (1 \times 7 + 29 \times (1 + 7)) \times (-2 + 9)$.
- $1674 := (1 \times 7 - 2 + 9 + 172) \times 9$.
- $1675 := 172 \times 9 + 1 + 7 \times 2 \times 9$.
- $1676 := 1 + 7 \times (-2 + 9) \times 17 \times 2 + 9$.
- $1677 := (17 \times 2 + 9) \times (-1 + 7^2 - 9)$.
- $1678 := -1 \times 7 + 2 + 9 \times 17 \times (2 + 9)$.
- $1679 := 1 - 7 + 2 + 9 \times 17 \times (2 + 9)$.
- $1680 := -1^7 - 2 + 9 \times 17 \times (2 + 9)$.
- $1681 := -1^7 \times 2 + 9 \times 17 \times (2 + 9)$.
- $1682 := 1^7 - 2 + 9 \times 17 \times (2 + 9)$.
- $1683 := 1729 - 17 - 29$.
- $1684 := 1729 - (-1 + 7)^2 - 9$.
- $1685 := 1 - (7 - 2) \times 9 + 1729$.
- $1686 := -17 \times 2 - 9 + 1729$.
- $1687 := 1729 + (-1 + 7) \times (2 - 9)$.
- $1688 := (1 - 7 + 29) \times (1 + 72) + 9$.
- $1689 := -1 + 7 + (2 \times 91 + 7 - 2) \times 9$.
- $1690 := 1729 + 1 - 7^2 + 9$.
- $1691 := (17 + 2) \times (9 - 1 + 72 + 9)$.
- $1692 := (1 + 7 + 2 + 91 - 7) \times 2 \times 9$.
- $1693 := 1729 \times 1 - 7 - 29$.
- $1694 := 1729 + 1 - 7 - 29$.
- $1695 := (-1 + 7) \times 2 + 9 \times 17 \times (2 + 9)$.
- $1696 := (-1 + 7 + 2) \times (9 \times 1 + 7 \times 29)$.
- $1697 := (-1 + 7) \times 291 + 7 \times (2 - 9)$.
- $1698 := 172 \times (9 + 1) + 7 - 29$.
- $1699 := -1^7 - 29 + 1729$.
- $1700 := -1^7 \times 29 + 1729$.
- $1701 := 1729 - 17 - 2 - 9$.
- $1702 := 1729 - (-1 + 7)^2 + 9$.
- $1703 := 1729 - 1 - 7 - 2 \times 9$.
- $1704 := (1 - 7) \times (2 - (9 + 17) \times (2 + 9))$.
- $1705 := 1729 - 17 + 2 - 9$.
- $1706 := -1 + 7 - 29 + 1729$.
- $1707 := 1 \times 7 - 29 + 1729$.
- $1708 := 1729 + 1 + 7 - 29$.
- $1709 := 172 \times (9 + 1) + 7 - 2 \times 9$.
- $1710 := (17 + 2) \times (9 \times 1 + 72 + 9)$.
- $1711 := -1 \times 7 - 2 - 9 + 1729$.
- $1712 := (1 + 7) \times (2 + 9 \times 1 + 7 \times 29)$.
- $1713 := 172 \times (9 + 1^7) + 2 - 9$.
- $1714 := -1 - 7 + 2 - 9 + 1729$.
- $1715 := 1729 \times 1 - 7 + 2 - 9$.
- $1716 := 1729 + 1 - 7 + 2 - 9$.
- $1717 := 1729 + 17 - 29$.
- $1718 := 1 \times 7 - 2 \times 9 + 1729$.
- $1719 := -17 - 2 + 9 + 1729$.
- $1720 := 1729 - 1 - 72/9$.
- $1721 := 172 \times (9 + 1) + 7/(-2 + 9)$.
- $1722 := (1 + 7 \times (29 - 1 + 7)) \times (-2 + 9)$.
- $1723 := 1729 - 17 + 2 + 9$.
- $1724 := 1729 \times 1 - 7 \times 2 + 9$.
- $1725 := 1 \times 7 - 2 - 9 + 1729$.
- $1726 := 1729 + 1 + 7 - 2 - 9$.
- $1727 := 172 \times (9 + 1^7) - 2 + 9$.
- $1728 := 1729 - 1^{729}$.
- $1729 := 1729 \times 1^{729}$.

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REFERENCES

- [1] ABRAHAMS, M, Lots more numbers, deemed crazy sequential, IMPROBABLE RESEACH, <http://www.improbable.com/2013/06/08/lots-more-numbers-deemed-crazy-sequential/>
- [2] NUMBERHILE, <https://www.youtube.com/user/numberphile>. Work discussed:
The 10,958 Problem - <https://www.youtube.com/watch?v=-ruC5A9EzzE&t=69s>.
A 10958 Solution - <https://www.youtube.com/watch?v=pasyRUj7UwM&t=2s>.
- [3] I.J. TANEJA, Crazy Sequential Representation: Numbers from 0 to 11111 in terms of Increasing and Decreasing Orders of 1 to 9, Jan. 2014, pp.1-161, <http://arxiv.org/abs/1302.1479>.
- [4] I.J. TANEJA, Crazy Representations of Natural Numbers, Selfie Numbers, Fibonacci Sequence, and Selfie Fractions, *RGMIA Research Report Collection*, 19(2016), Article 179, pp.1-37, <http://rgmia.org/papers/v19/v19a179.pdf>.
- [5] I.J. TANEJA, Hardy-Ramanujan Number - 1729, *RGMIA Research Report Collection*, 20(2017), pp.1-50, Art 6, <http://rgmia.org/papers/v20/v20a06.pdf>