

# Patterned Single Letter Representations of Natural Numbers

Inder J. Taneja<sup>1</sup>

## Abstract

*This work brings patterned representations of natural numbers from 1 to 1000 in terms of single letter **a**. For any value of letter **a** from 1 to 9, the results are always same. To bring these results, only basic operations, such as **addition**, **subtraction**, **multiplication** and **division** are used. This work is extension of author's [11] work in patterned form. Patterns representations are some what similar to symmetrical extensions. For similar kind of work in different way refer Taneja [12].*

## Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
1.1	Single Letter Representations . . . . .	1
1.2	Patterned Representations . . . . .	3
<b>2</b>	<b>Patterns in Fraction-Type Single Letter Representations</b>	<b>7</b>

## 1 Introduction

### 1.1 Single Letter Representations

Let us consider

$$f^n(10) = 10^n + 10^{n-1} + \dots + 10^2 + 10 + 10^0,$$

For  $a \in \{1, 2, 3, 4, 5, 6, 7, 8, 9\}$ , we can write

$$af^n(10) = \underbrace{aaa\dots a}_{(n+1)\text{-times}},$$

---

<sup>1</sup>Formerly, Professor of Mathematics, Federal University of Santa Catarina, Florianópolis, SC, Brazil (1978-2012). Also worked at Delhi University, India (1976-1978).  
 E-mail: [ijtaneja@gmail.com](mailto:ijtaneja@gmail.com);  
 Web-sites: <https://inderjtaneja.com>; <https://indertaneja.com>;  
 Twitter: @IJTANEJA; Instagram: @crazynumbers.

In particular,

$$\begin{aligned}
 aa &:= f^1(10) = a10 + a \\
 aaa &:= f^2(10) = a10^2 + a10 + a \\
 aaaa &:= f^3(10) = a10^3 + a10^2 + a10 + a \\
 aaaaa &:= f^4(10) = a10^4 + a10^3 + a10^2 + a10 + a \\
 &\dots
 \end{aligned} \tag{1}$$

For example, one can write

$$\begin{aligned}
 \mathbf{5} &:= \frac{aa - a}{a + a} = \frac{11 - 1}{1 + 1} = \frac{22 - 2}{2 + 2} = \frac{33 - 3}{3 + 3} = \frac{44 - 4}{4 + 4} = \frac{55 - 5}{5 + 5} = \frac{66 - 6}{6 + 6} = \frac{77 - 7}{7 + 7} = \frac{88 - 8}{8 + 8} = \frac{99 - 9}{9 + 9} \\
 \mathbf{56} &:= \frac{aaa + a}{a + a} = \frac{111 + 1}{1 + 1} = \frac{222 + 2}{2 + 2} = \frac{333 + 3}{3 + 3} = \frac{444 + 4}{4 + 4} = \frac{555 + 5}{5 + 5} = \frac{666 + 6}{6 + 6} = \frac{777 + 7}{7 + 7} = \frac{888 + 8}{8 + 8} = \frac{999 + 9}{9 + 9} \\
 \mathbf{111} &:= \frac{aaa}{a} = \frac{111}{1} = \frac{222}{2} = \frac{333}{3} = \frac{444}{4} = \frac{555}{5} = \frac{666}{6} = \frac{777}{7} = \frac{888}{8} = \frac{999}{9} \\
 &\dots
 \end{aligned} \tag{2}$$

Detailed study on **single digit** representations can be seen in Taneja [4, 6, 7, 8]. Here below are more examples:

$$\begin{aligned}
 \mathbf{717} &:= (1 + 1)^{11} - 11^{(1+1+1)} &= 22^2 + 222 + 22/2 &= 3^{(3+3)} - 3 - 3 \times 3 \\
 &= 4 \times (4 \times 44 + 4) - 4 + 4/4 &= (55 \times (55 + 5 + 5) + 5 + 5)/5 &= (6 \times 6/(6 + 6))^6 - 6 - 6 \\
 &= 777 - 7 \times 7 - 77/7 &= 8 \times 88 + (88 + 8 + 8)/8 &= 9 \times 9 \times 9 - (99 + 9)/9 \\
 \mathbf{923} &= (1 + 1)^{(11-1)} + 11 - 111 - 1 &= 2 \times (22^2 - 22) - 2/2 &= 33 + 33 \times 3^3 - 3/3 \\
 &= 44 + 44 \times (4 \times 4 + 4) - 4/4 &= 5 \times (55 + 5) + (5^5 - 5 - 5)/5 &= (6 + 6 + 6/6) \times (66 + 6 - 6/6) \\
 &= 77 \times (77 + 7)/7 - 7/7 &= 888 + 8 + 8 + 8 + 88/8 &= 9 \times 99 + 9 + (99 + 99 + 9)/9 \\
 \mathbf{995} &= (11 - 1)^{(1+1+1)} - (11 - 1)/(1 + 1) &= 22 + 2 \times (22^2 + 2) + 2/2 &= 3 \times 333 - 3 - 3/3 \\
 &= 4 \times (4^4 - 4 - 4) + 4 - 4/4 &= 5 \times (5 + 5) \times (5 \times 5 - 5) - 5 &= 666 + 6 \times 66 - 66 - 6/6 \\
 &= (7 + 7) \times (77 - 7) + 7 + 7 + 7/7 &= 888 + 88 + 8 + 88/8 &= 999 - (9 + 9 + 9 + 9)/9.
 \end{aligned}$$

We see that the above numbers are written in **fractional-type** given by author [9]. The similar kind of work is done by author [4, 10] for **single letter**  $a$ . See below some examples,

$$\begin{aligned}
 \mathbf{717} &:= ((aaa - a) \times aa / (a + a) + aaa + a) / a \\
 \mathbf{923} &:= (aaaaa - aa - aa - aa - a - a) / (aa + a) \\
 \mathbf{995} &:= (aaaa - aaa - a - a - a - a - a) \\
 &\dots \dots
 \end{aligned} \tag{3}$$

Above results are valid for any value of  $a \in \{1, 2, 3, 4, 5, 6, 7, 8, 9\}$  with the properties given in (1). The another advantage in working with **single letter** is that the representations are uniform. These types of representations, let us call as **running-type** and are already studied by author [6]. The same three numbers can also be represented as **fractional-type** See below:

$$\begin{aligned}
 \mathbf{717} &:= \frac{\frac{(aaa - a) \times aa}{a + a} + aaa + a}{a} = \frac{(aaa - a) \times aa + (aaa + a) \times (a + a)}{(a + a) \times a} \\
 \mathbf{923} &:= \frac{aaaaa - aa - aa - aa - a - a}{aa + a} \\
 \mathbf{995} &:= \frac{aaaa - aaa - a - a - a - a - a}{a} \quad \dots \quad \dots
 \end{aligned} \tag{4}$$

For more details of this type of work refer Taneja [13].

## 1.2 Patterned Representations

Let's see some examples of patterns with single letter  $a$  done by author in another work [12]:

**Example 1.1.**

$$\begin{aligned}
 \mathbf{11} &= \mathbf{1} \times \mathbf{11} & &:= \frac{a \times aa}{a \times a} \\
 \mathbf{1221} &= \mathbf{11} \times \mathbf{111} & &:= \frac{aa \times aaa}{a \times a} \\
 \mathbf{123321} &= \mathbf{111} \times \mathbf{1111} & &:= \frac{aaa \times aaaa}{a \times a} \\
 \mathbf{12344321} &= \mathbf{1111} \times \mathbf{11111} & &:= \frac{aaaa \times aaaaa}{a \times a} \\
 \mathbf{1234554321} &= \mathbf{11111} \times \mathbf{111111} & &:= \frac{aaaaa \times aaaaaa}{a \times a} \\
 \mathbf{123456654321} &= \mathbf{111111} \times \mathbf{1111111} & &:= \frac{aaaaaa \times aaaaaaa}{a \times a} \\
 \mathbf{12345677654321} &= \mathbf{1111111} \times \mathbf{11111111} & &:= \frac{aaaaaaa \times aaaaaaaa}{a \times a} \\
 \mathbf{1234567887654321} &= \mathbf{11111111} \times \mathbf{111111111} & &:= \frac{aaaaaaaa \times aaaaaaaaaa}{a \times a} \\
 \mathbf{123456789987654321} &= \mathbf{111111111} \times \mathbf{1111111111} & &:= \frac{aaaaaaaaa \times aaaaaaaaaa}{a \times a}
 \end{aligned}$$

**Example 1.2.**

$$\begin{aligned}
 1 &= 0 \times 9 + 1 & := \frac{a}{a} \\
 11 &= 1 \times 9 + 2 & := \frac{aa}{a} \\
 111 &= 12 \times 9 + 3 & := \frac{aaa}{a} \\
 1111 &= 123 \times 9 + 4 & := \frac{aaaa}{a} \\
 11111 &= 1234 \times 9 + 5 & := \frac{aaaaa}{a} \\
 111111 &= 12345 \times 9 + 6 & := \frac{aaaaaa}{a} \\
 1111111 &= 123456 \times 9 + 7 & := \frac{aaaaaaa}{a} \\
 11111111 &= 1234567 \times 9 + 8 & := \frac{aaaaaaaa}{a} \\
 111111111 &= 12345678 \times 9 + 9 & := \frac{aaaaaaaaa}{a} \\
 1111111111 &= 123456789 \times 9 + 10 & := \frac{aaaaaaaaaa}{a}
 \end{aligned}$$

**Example 1.3.**

$$\begin{aligned}
 77 &= 76 + 1 & := \frac{aa}{a} \times \frac{aa - a - a - a - a}{a} \\
 777 &= 765 + 12 & := \frac{aaa}{a} \times \frac{aa - a - a - a - a}{a} \\
 7777 &= 7654 + 123 & := \frac{aaaa}{a} \times \frac{aa - a - a - a - a}{a} \\
 777777 &= 76543 + 1234 & := \frac{aaaaa}{a} \times \frac{aa - a - a - a - a}{a} \\
 7777777 &= 765432 + 12345 & := \frac{aaaaaa}{a} \times \frac{aa - a - a - a - a}{a} \\
 77777777 &= 7654321 + 123456 & := \frac{aaaaaaa}{a} \times \frac{aa - a - a - a - a}{a} \\
 777777777 &= 76543210 + 1234567 & := \frac{aaaaaaaa}{a} \times \frac{aa - a - a - a - a}{a}
 \end{aligned}$$

**Example 1.4.**

$$\begin{aligned}
 88 &= 9 \times 9 + 7 & := \frac{aa - a - a - a}{a} \times \frac{aa}{a} \\
 888 &= 98 \times 9 + 6 & := \frac{aa - a - a - a}{a} \times \frac{aaaa}{a} \\
 8888 &= 987 \times 9 + 5 & := \frac{aa - a - a - a}{a} \times \frac{aaaaa}{a} \\
 88888 &= 9876 \times 9 + 4 & := \frac{aa - a - a - a}{a} \times \frac{aaaaaa}{a} \\
 888888 &= 98765 \times 9 + 3 & := \frac{aa - a - a - a}{a} \times \frac{aaaaaaa}{a} \\
 8888888 &= 987654 \times 9 + 2 & := \frac{aa - a - a - a}{a} \times \frac{aaaaaaaa}{a} \\
 88888888 &= 9876543 \times 9 + 1 & := \frac{aa - a - a - a}{a} \times \frac{aaaaaaaaa}{a} \\
 888888888 &= 98765432 \times 9 + 0 & := \frac{aa - a - a - a}{a} \times \frac{aaaaaaaaaa}{a} \\
 8888888888 &= 987654321 \times 9 - 1 & := \frac{aa - a - a - a}{a} \times \frac{aaaaaaaaaaa}{a} \\
 88888888888 &= 9876543210 \times 9 - 2 & := \frac{aa - a - a - a}{a} \times \frac{aaaaaaaaaaaa}{a}
 \end{aligned}$$

**Example 1.5.**

$$\begin{aligned}
 121 &= 11 \times 11 & := \frac{aa \times aa}{a \times a \times a} \\
 1221 &= 11 \times 111 & := \frac{aa \times aaa}{a \times a \times a} \\
 12221 &= 11 \times 1111 & := \frac{aa \times aaaa}{a \times a \times a} \\
 122221 &= 11 \times 11111 & := \frac{aa \times aaaaa}{a \times a \times a} \\
 1222221 &= 11 \times 111111 & := \frac{aa \times aaaaaa}{a \times a \times a}
 \end{aligned}$$

**Example 1.6.**

$$\begin{aligned}
 16^2 &= 256 & := \left( \frac{aa + aa + aa - a}{a + a} \right)^{\frac{a+a}{a}} \\
 166^2 &= 27556 & := \left( \frac{aaa + aaa + aaa - a}{a + a} \right)^{\frac{a+a}{a}} \\
 1666^2 &= 2775556 & := \left( \frac{aaaa + aaaa + aaaa - a}{a + a} \right)^{\frac{a+a}{a}} \\
 16666^2 &= 277755556 & := \left( \frac{aaaaa + aaaaa + aaaaa - a}{a + a} \right)^{\frac{a+a}{a}} \\
 166666^2 &= 27777555556 & := \left( \frac{aaaaaa + aaaaaa + aaaaaa - a}{a + a} \right)^{\frac{a+a}{a}}
 \end{aligned}$$

**Example 1.7.**

$$\begin{aligned}
 34^2 = 1156 &:= \left( \frac{aa + aa + aa + a}{a} \right)^{\frac{a+a}{a}} \\
 334^2 = 111556 &:= \left( \frac{aaa + aaa + aaa + a}{a} \right)^{\frac{a+a}{a}} \\
 3334^2 = 11115556 &:= \left( \frac{aaaa + aaaa + aaaa + a}{a} \right)^{\frac{a+a}{a}} \\
 33334^2 = 1111155556 &:= \left( \frac{aaaaa + aaaaa + aaaaa + a}{a} \right)^{\frac{a+a}{a}} \\
 333334^2 = 111111555556 &:= \left( \frac{aaaaaa + aaaaaa + aaaaaa + a}{a} \right)^{\frac{a+a}{a}}
 \end{aligned}$$

More details on examples refer to author's work [12]. Let's write representations of six numbers given in Expressions (2) and (4) in pattern forms:

$$\begin{aligned}
 5 &:= \frac{aa - a}{a + a} \\
 55 &:= \frac{aaa - a}{a + a} \\
 555 &:= \frac{aaaa - a}{a + a} \\
 5555 &:= \frac{aaaaa - a}{a + a}
 \end{aligned}$$

$$\begin{aligned}
 6 &:= \frac{aaa + a}{a + a} \\
 56 &:= \frac{aaaa + a}{a + a} \\
 556 &:= \frac{aaaaa + a}{a + a} \\
 5556 &:= \frac{aaaaaa + a}{a + a}
 \end{aligned}$$

$$\begin{aligned}
 111 &:= \frac{aaa}{a} \\
 1111 &:= \frac{aaaa}{a} \\
 11111 &:= \frac{aaaaa}{a} \\
 111111 &:= \frac{aaaaaa}{a}
 \end{aligned}$$

$$\begin{aligned}
 717 &:= \frac{(aaa - a) \times aa + (aaa + a) \times (a + a)}{(a + a) \times a} \\
 1717 &:= \frac{(aaa - a) \times aa + (aaaa + a) \times (a + a)}{(a + a) \times a} \\
 11717 &:= \frac{(aaa - a) \times aa + (aaaaa + a) \times (a + a)}{(a + a) \times a} \\
 111717 &:= \frac{(aaa - a) \times aa + (aaaaaa + a) \times (a + a)}{(a + a) \times a}
 \end{aligned}$$

$$\begin{aligned}
 923 &:= \frac{aaaaa - aa - aa - aa - a - a}{aa + a} \\
 925923 &:= \frac{aaaaaaaa - aa - aa - aa - a - a}{aa + a} \\
 925925923 &:= \frac{aaaaaaaaaaa - aa - aa - aa - a - a}{aa + a} \\
 925925925923 &:= \frac{aaaaaaaaaaaaa - aa - aa - aa - a - a}{aa + a}
 \end{aligned}$$

$$\begin{aligned}
 995 &:= \frac{aaaa - aaa - a - a - a - a - a}{a} \\
 9995 &:= \frac{aaaaa - aaaa - a - a - a - a - a}{a} \\
 99995 &:= \frac{aaaaaa - aaaaa - a - a - a - a - a}{a} \\
 999995 &:= \frac{aaaaaaa - aaaaaa - a - a - a - a - a}{a}
 \end{aligned}$$

The aim of this work is to write the numbers 1 to 1000 in patterns forms similar to as given in above six numbers. It is done in section below. In another work we have written same numbers for the digits 1 to 9 separately (refer [13]).

## 2 Patterns in Fraction-Type Single Letter Representations

Below are **fraction-type** representations of natural numbers from 1 to 1000 using **single letter**  $a$ , with the property given in (1), where  $a \in \{1, 2, 3, 4, 5, 6, 7, 8, 9\}$ . We write these representations as **patterns in single letters representations**. In order to bring these representations only basic operations, such as, **addition**, **subtraction**, **multiplication** and **division** are used. By no means, we can say that these representations are unique. There may have alternative ways of representations with less or more number of letters " $a$ ". Any way, if these representations are not minimum, but are very near to minimum.

$$\begin{aligned} 1 &:= \frac{a}{a} \\ 11 &:= \frac{aa}{a} \\ 111 &:= \frac{aaa}{a} \\ 1111 &:= \frac{aaaa}{a} \end{aligned}$$

$$\begin{aligned} 2 &:= \frac{a+a}{a} \\ 12 &:= \frac{aa+a}{a} \\ 112 &:= \frac{aaa+a}{a} \\ 1112 &:= \frac{aaaa+a}{a} \end{aligned}$$

$$\begin{aligned} 3 &:= \frac{a+a+a}{a} \\ 13 &:= \frac{aa+a+a}{a} \\ 113 &:= \frac{aaa+a+a}{a} \\ 1113 &:= \frac{aaaa+a+a}{a} \end{aligned}$$

$$\begin{aligned} 4 &:= \frac{a+a+a+a}{a} \\ 14 &:= \frac{aa+a+a+a}{a} \\ 114 &:= \frac{aaa+a+a+a}{a} \\ 1114 &:= \frac{aaaa+a+a+a}{a} \end{aligned}$$

$$\begin{aligned} 5 &:= \frac{aa-a}{a+a} \\ 55 &:= \frac{aaa-a}{a+a} \\ 555 &:= \frac{aaaa-a}{a+a} \\ 5555 &:= \frac{aaaaa-a}{a+a} \end{aligned}$$

$$\begin{aligned} 6 &:= \frac{aa+a}{a+a} \\ 56 &:= \frac{aaa+a}{a+a} \\ 556 &:= \frac{aaaa+a}{a+a} \\ 5556 &:= \frac{aaaaa+a}{a+a} \end{aligned}$$

$$\begin{aligned} 7 &:= \frac{aa+a+a+a}{a+a} \\ 57 &:= \frac{aaa+a+a+a}{a+a} \\ 557 &:= \frac{aaaa+a+a+a}{a+a} \\ 5557 &:= \frac{aaaaa+a+a+a}{a+a} \end{aligned}$$

$$\begin{aligned} 8 &:= \frac{aa-a-a-a}{a} \\ 98 &:= \frac{aaa-aa-a-a}{a} \\ 998 &:= \frac{aaaa-aaa-a-a}{a} \\ 9998 &:= \frac{aaaaa-aaaa-a-a}{a} \end{aligned}$$

$$\begin{aligned} 9 &:= \frac{aa - a - a}{a} \\ 99 &:= \frac{aaa - aa - a}{a} \\ 999 &:= \frac{aaaa - aaa - a}{a} \\ 9999 &:= \frac{aaaaa - aaaa - a}{a} \end{aligned}$$

$$\begin{aligned} 10 &:= \frac{aa - a}{a} \\ 110 &:= \frac{aaa - a}{a} \\ 1110 &:= \frac{aaaa - a}{a} \\ 11110 &:= \frac{aaaaa - a}{a} \end{aligned}$$

$$\begin{aligned} 11 &:= \frac{aa}{a} \\ 111 &:= \frac{aaa}{a} \\ 1111 &:= \frac{aaaa}{a} \\ 11111 &:= \frac{aaaaa}{a} \end{aligned}$$

$$\begin{aligned} 12 &:= \frac{aa + a}{a} \\ 112 &:= \frac{aaa + a}{a} \\ 1112 &:= \frac{aaaa + a}{a} \\ 11112 &:= \frac{aaaaa + a}{a} \end{aligned}$$

$$\begin{aligned} 13 &:= \frac{aa + a + a}{a} \\ 113 &:= \frac{aaa + a + a}{a} \\ 1113 &:= \frac{aaaa + a + a}{a} \\ 11113 &:= \frac{aaaaa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 14 &:= \frac{aa + a + a + a}{a} \\ 114 &:= \frac{aaa + a + a + a}{a} \\ 1114 &:= \frac{aaaa + a + a + a}{a} \\ 11114 &:= \frac{aaaaa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 15 &:= \frac{aa + a + a + a + a}{a} \\ 115 &:= \frac{aaa + a + a + a + a}{a} \\ 1115 &:= \frac{aaaa + a + a + a + a}{a} \\ 11115 &:= \frac{aaaaa + a + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 16 &:= \frac{aa - a}{a + a} + \frac{aa}{a} \\ 116 &:= \frac{aa - a}{a + a} + \frac{aaa}{a} \\ 1116 &:= \frac{aa - a}{a + a} + \frac{aaaa}{a} \\ 11116 &:= \frac{aa - a}{a + a} + \frac{aaaaa}{a} \end{aligned}$$

$$\begin{aligned} 17 &:= \frac{aa + a}{a + a} + \frac{aa}{a} \\ 117 &:= \frac{aa + a}{a + a} + \frac{aaa}{a} \\ 1117 &:= \frac{aa + a}{a + a} + \frac{aaaa}{a} \\ 11117 &:= \frac{aa + a}{a + a} + \frac{aaaaa}{a} \end{aligned}$$

$$\begin{aligned} 18 &:= \frac{(aa - a - a) \times (a + a)}{a \times a} \\ 198 &:= \frac{(aa - a - a) \times (aa + aa)}{a \times a} \\ 1998 &:= \frac{(aa - a - a) \times (aaa + aaa)}{a \times a} \\ 19998 &:= \frac{(aa - a - a) \times (aaaa + aaaa)}{a \times a} \end{aligned}$$



$$\begin{aligned} 19 &:= \frac{aa + aa - a - a - a}{a} \\ 119 &:= \frac{aaa + aa - a - a - a}{a} \\ 1119 &:= \frac{aaaa + aa - a - a - a}{a} \\ 11119 &:= \frac{aaaaa + aa - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 20 &:= \frac{aa + aa - a - a}{a} \\ 120 &:= \frac{aaa + aa - a - a}{a} \\ 1120 &:= \frac{aaaa + aa - a - a}{a} \\ 11120 &:= \frac{aaaaa + aa - a - a}{a} \end{aligned}$$

$$\begin{aligned} 21 &:= \frac{aa + aa - a}{a} \\ 121 &:= \frac{aaa + aa - a}{a} \\ 1121 &:= \frac{aaaa + aa - a}{a} \\ 11121 &:= \frac{aaaaa + aa - a}{a} \end{aligned}$$

$$\begin{aligned} 22 &:= \frac{aa + aa}{a} \\ 122 &:= \frac{aaa + aa}{a} \\ 1222 &:= \frac{aaaa + aaa}{a} \\ 12222 &:= \frac{aaaaa + aaaa}{a} \end{aligned}$$

$$\begin{aligned} 23 &:= \frac{aa + aa + a}{a} \\ 123 &:= \frac{aaa + aa + a}{a} \\ 1223 &:= \frac{aaaa + aaa + a}{a} \\ 12223 &:= \frac{aaaaa + aaaa + a}{a} \end{aligned}$$

$$\begin{aligned} 24 &:= \frac{aa + aa + a + a}{a} \\ 124 &:= \frac{aaa + aa + a + a}{a} \\ 1124 &:= \frac{aaaa + aa + a + a}{a} \\ 11124 &:= \frac{aaaaa + aa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 25 &:= \frac{aa + aa + a + a + a}{a} \\ 125 &:= \frac{aaa + aa + a + a + a}{a} \\ 1125 &:= \frac{aaaa + aa + a + a + a}{a} \\ 11125 &:= \frac{aaaaa + aa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 26 &:= \frac{(aa + a + a) \times (a + a)}{a \times a} \\ 226 &:= \frac{(aaa + a + a) \times (a + a)}{a \times a} \\ 2226 &:= \frac{(aaaa + a + a) \times (a + a)}{a \times a} \\ 22226 &:= \frac{(aaaaa + a + a) \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 27 &:= \frac{aaa - a - a - a}{a + a + a + a} \\ 277 &:= \frac{aaaa - a - a - a}{a + a + a + a} \\ 2777 &:= \frac{aaaaa - a - a - a}{a + a + a + a} \\ 27777 &:= \frac{aaaaa - a - a - a}{a + a + a + a} \end{aligned}$$

$$\begin{aligned} 28 &:= \frac{aaa + a}{a + a + a + a} \\ 228 &:= \frac{aaaa + a}{a + a + a + a} \\ 2778 &:= \frac{aaaaa + a}{a + a + a + a} \\ 27778 &:= \frac{aaaaa + a}{a + a + a + a} \end{aligned}$$

$$\begin{aligned} 29 &:= \frac{aa + aa + aa - a - a - a - a}{a} \\ 129 &:= \frac{aa + aa + aaa - a - a - a - a}{a} \\ 1129 &:= \frac{aa + aa + aaaa - a - a - a - a}{a} \\ 11129 &:= \frac{aa + aa + aaaaa - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 30 &:= \frac{aa + aa + aa - a - a - a}{a} \\ 130 &:= \frac{aa + aa + aaa - a - a - a}{a} \\ 1130 &:= \frac{aa + aa + aaaa - a - a - a}{a} \\ 11130 &:= \frac{aa + aa + aaaaa - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 31 &:= \frac{aa + aa + aa - a - a}{a} \\ 131 &:= \frac{aa + aa + aaa - a - a}{a} \\ 1131 &:= \frac{aa + aa + aaaa - a - a}{a} \\ 11131 &:= \frac{aa + aa + aaaaa - a - a}{a} \end{aligned}$$

$$\begin{aligned} 32 &:= \frac{aa + aa + aa - a}{a} \\ 132 &:= \frac{aa + aa + aaa - a}{a} \\ 1132 &:= \frac{aa + aa + aaaa - a}{a} \\ 11132 &:= \frac{aa + aa + aaaaa - a}{a} \end{aligned}$$

$$\begin{aligned} 33 &:= \frac{aa + aa + aa}{a} \\ 133 &:= \frac{aa + aa + aaa}{a} \\ 1133 &:= \frac{aa + aa + aaaa}{a} \\ 11133 &:= \frac{aa + aa + aaaaa}{a} \end{aligned}$$

$$\begin{aligned} 34 &:= \frac{aa + aa + aa + a}{a} \\ 134 &:= \frac{aa + aa + aaa + a}{a} \\ 1134 &:= \frac{aa + aa + aaaa + a}{a} \\ 11134 &:= \frac{aa + aa + aaaaa + a}{a} \end{aligned}$$

$$\begin{aligned} 35 &:= \frac{aa + aa + aa + a + a}{a} \\ 135 &:= \frac{aa + aa + aaa + a + a}{a} \\ 1135 &:= \frac{aa + aa + aaaa + a + a}{a} \\ 11135 &:= \frac{aa + aa + aaaaa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 36 &:= \frac{aa + aa + aa + a + a + a}{a} \\ 136 &:= \frac{aa + aa + aaa + a + a + a}{a} \\ 1136 &:= \frac{aa + aa + aaaa + a + a + a}{a} \\ 11136 &:= \frac{aa + aa + aaaaa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 37 &:= \frac{aaa}{a + a + a} \\ 370 &:= \frac{aaaa - a}{a + a + a} \\ 3700 &:= \frac{aaaaa - aa}{a + a + a} \\ 37000 &:= \frac{aaaaaa - aaa}{a + a + a} \end{aligned}$$

$$\begin{aligned} 38 &:= \frac{aaa - aa - aa - aa - a - a}{a + a} \\ 538 &:= \frac{aaaa - aa - aa - aa - a - a}{a + a} \\ 5538 &:= \frac{aaaaa - aa - aa - aa - a - a}{a + a} \\ 55538 &:= \frac{aaaaaa - aa - aa - aa - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 39 &:= \frac{aaa - aa - aa - aa}{a + a} \\ 539 &:= \frac{aaaa - aa - aa - aa}{a + a} \\ 5539 &:= \frac{aaaaa - aa - aa - aa}{a + a} \\ 55539 &:= \frac{aaaaaa - aa - aa - aa}{a + a} \end{aligned}$$

$$\begin{aligned} 40 &:= \frac{(a + a + a + a) \times (aa - a)}{a \times a} \\ 440 &:= \frac{(a + a + a + a) \times (aaa - a)}{a \times a} \\ 4440 &:= \frac{(a + a + a + a) \times (aaaa - a)}{a \times a} \\ 44440 &:= \frac{(a + a + a + a) \times (aaaaa - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 41 &:= \frac{aaa + aa + a}{a + a + a} \\ 411 &:= \frac{aaaa + aaa + aa}{a + a + a} \\ 4111 &:= \frac{aaaaa + aaaa + aaa}{a + a + a} \\ 41111 &:= \frac{aaaaaa + aaaaa + aaaa}{a + a + a} \end{aligned}$$

$$\begin{aligned} 42 &:= \frac{(aa + aa - a) \times (a + a)}{a \times a} \\ 242 &:= \frac{(aaa + aa - a) \times (a + a)}{a \times a} \\ 2242 &:= \frac{(aaaa + aa - a) \times (a + a)}{a \times a} \\ 22242 &:= \frac{(aaaaa + aa - a) \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 43 &:= \frac{(a + a + a + a) \times aa - a \times a}{a \times a} \\ 443 &:= \frac{(a + a + a + a) \times aaa - a \times a}{a \times a} \\ 4443 &:= \frac{(a + a + a + a) \times aaaa - a \times a}{a \times a} \\ 44443 &:= \frac{(a + a + a + a) \times aaaaa - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 44 &:= \frac{(a + a + a + a) \times aa}{a \times a} \\ 444 &:= \frac{(a + a + a + a) \times aaa}{a \times a} \\ 4444 &:= \frac{(a + a + a + a) \times aaaa}{a \times a} \\ 44444 &:= \frac{(a + a + a + a) \times aaaaa}{a \times a} \end{aligned}$$

$$\begin{aligned} 45 &:= \frac{aaa + a}{a + a} - \frac{aa}{a} \\ 445 &:= \frac{aaaa + a}{a + a} - \frac{aaa}{a} \\ 4445 &:= \frac{aaaaa + a}{a + a} - \frac{aaaa}{a} \\ 44445 &:= \frac{aaaaaa + a}{a + a} - \frac{aaaaa}{a} \end{aligned}$$

$$\begin{aligned} 46 &:= \frac{(aa + aa + a) \times (a + a)}{a \times a} \\ 246 &:= \frac{(aaa + aa + a) \times (a + a)}{a \times a} \\ 2246 &:= \frac{(aaaa + aa + a) \times (a + a)}{a \times a} \\ 22246 &:= \frac{(aaaaa + aa + a) \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 47 &:= \frac{(aa + aa + a) \times (a + a) + a \times a}{a \times a} \\ 247 &:= \frac{(aaa + aa + a) \times (a + a) + a \times a}{a \times a} \\ 2247 &:= \frac{(aaaa + aa + a) \times (a + a) + a \times a}{a \times a} \\ 22247 &:= \frac{(aaaaa + aa + a) \times (a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 48 &:= \frac{aaa - aa - a - a - a - a}{a + a} \\ 548 &:= \frac{aaaa - aa - a - a - a - a}{a + a} \\ 5548 &:= \frac{aaaaa - aa - a - a - a - a}{a + a} \\ 55548 &:= \frac{aaaaaa - aa - a - a - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 49 &:= \frac{aaa - aa - a - a}{a + a} \\ 549 &:= \frac{aaaa - aa - a - a}{a + a} \\ 5549 &:= \frac{aaaaa - aa - a - a}{a + a} \\ 55549 &:= \frac{aaaaaa - aa - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 50 &:= \frac{aaa - aa}{a + a} \\ 550 &:= \frac{aaaa - aa}{a + a} \\ 5550 &:= \frac{aaaaa - aa}{a + a} \\ 55550 &:= \frac{aaaaaa - aa}{a + a} \end{aligned}$$

$$\begin{aligned} 51 &:= \frac{aaa - aa + a + a}{a + a} \\ 551 &:= \frac{aaaa - aa + a + a}{a + a} \\ 5551 &:= \frac{aaaaa - aa + a + a}{a + a} \\ 55551 &:= \frac{aaaaaa - aa + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 52 &:= \frac{(aa + a + a) \times (a + a + a + a)}{a \times a} \\ 452 &:= \frac{(aaa + a + a) \times (a + a + a + a)}{a \times a} \\ 4452 &:= \frac{(aaaa + a + a) \times (a + a + a + a)}{a \times a} \\ 44452 &:= \frac{(aaaaa + a + a) \times (a + a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 53 &:= \frac{aaa - a}{a + a} - \frac{a + a}{a} \\ 553 &:= \frac{aaaa - a}{a + a} - \frac{a + a}{a} \\ 5553 &:= \frac{aaaaa - a}{a + a} - \frac{a + a}{a} \\ 55553 &:= \frac{aaaaaa - a}{a + a} - \frac{a + a}{a} \end{aligned}$$

$$\begin{aligned} 54 &:= \frac{aaa - a - a - a}{a + a} \\ 554 &:= \frac{aaaa - a - a - a}{a + a} \\ 5554 &:= \frac{aaaaa - a - a - a}{a + a} \\ 55554 &:= \frac{aaaaaa - a - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 55 &:= \frac{aaa - a}{a + a} \\ 555 &:= \frac{aaaa - a}{a + a} \\ 5555 &:= \frac{aaaaa - a}{a + a} \\ 55555 &:= \frac{aaaaaa - a}{a + a} \end{aligned}$$

$$\begin{aligned} 56 &:= \frac{aaa + a}{a + a} \\ 556 &:= \frac{aaaa + a}{a + a} \\ 5556 &:= \frac{aaaaa + a}{a + a} \\ 55556 &:= \frac{aaaaaa + a}{a + a} \end{aligned}$$

$$\begin{aligned} 57 &:= \frac{aaa + a + a + a}{a + a} \\ 557 &:= \frac{aaaa + a + a + a}{a + a} \\ 5557 &:= \frac{aaaaa + a + a + a}{a + a} \\ 55557 &:= \frac{aaaaaa + a + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 58 &:= \frac{aaa + a}{a + a} + \frac{a + a}{a} \\ 558 &:= \frac{aaaa + a}{a + a} + \frac{a + a}{a} \\ 5558 &:= \frac{aaaaa + a}{a + a} + \frac{a + a}{a} \\ 55558 &:= \frac{aaaaaa + a}{a + a} + \frac{a + a}{a} \end{aligned}$$

$$\begin{aligned} 59 &:= \frac{aaa + aa - a - a - a - a}{a + a} \\ 559 &:= \frac{aaaa + aa - a - a - a - a}{a + a} \\ 5559 &:= \frac{aaaaa + aa - a - a - a - a}{a + a} \\ 55559 &:= \frac{aaaaaa + aa - a - a - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 60 &:= \frac{aaa + aa - a - a}{a + a} \\ 610 &:= \frac{aaaa + aaa - a - a}{a + a} \\ 6110 &:= \frac{aaaaa + aaaa - a - a}{a + a} \\ 61110 &:= \frac{aaaaaa + aaaaa - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 61 &:= \frac{aaa + aa}{a + a} \\ 561 &:= \frac{aaaa + aa}{a + a} \\ 5561 &:= \frac{aaaaa + aa}{a + a} \\ 55561 &:= \frac{aaaaaa + aa}{a + a} \end{aligned}$$

$$\begin{aligned} 62 &:= \frac{aaa + aa + a + a}{a + a} \\ 612 &:= \frac{aaaa + aaa + a + a}{a + a} \\ 6112 &:= \frac{aaaaa + aaaa + a + a}{a + a} \\ 61112 &:= \frac{aaaaaa + aaaaa + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 63 &:= \frac{aaa + aa + a + a + a + a}{a + a} \\ 613 &:= \frac{aaaa + aaa + a + a + a + a}{a + a} \\ 6113 &:= \frac{aaaaa + aaaa + a + a + a + a}{a + a} \\ 61113 &:= \frac{aaaaaa + aaaaa + a + a + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 64 &:= \frac{(aa + a) \times aa - (a + a) \times (a + a)}{(a + a) \times a} \\ 614 &:= \frac{(aaa + a) \times aa - (a + a) \times (a + a)}{(a + a) \times a} \\ 6114 &:= \frac{(aaaa + a) \times aa - (a + a) \times (a + a)}{(a + a) \times a} \\ 61114 &:= \frac{(aaaaa + a) \times aa - (a + a) \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 65 &:= \frac{aaa + aa + aa - a - a - a}{a + a} \\ 565 &:= \frac{aaaa + aa + aa - a - a - a}{a + a} \\ 5565 &:= \frac{aaaaa + aa + aa - a - a - a}{a + a} \\ 55565 &:= \frac{aaaaaa + aa + aa - a - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 66 &:= \frac{aaa + aa + aa - a}{a + a} \\ 566 &:= \frac{aaaa + aa + aa - a}{a + a} \\ 5566 &:= \frac{aaaaa + aa + aa - a}{a + a} \\ 55566 &:= \frac{aaaaaa + aa + aa - a}{a + a} \end{aligned}$$

$$\begin{aligned} 67 &:= \frac{aaa + aa + aa + a}{a + a} \\ 567 &:= \frac{aaaa + aa + aa + a}{a + a} \\ 5567 &:= \frac{aaaaa + aa + aa + a}{a + a} \\ 55567 &:= \frac{aaaaaa + aa + aa + a}{a + a} \end{aligned}$$

$$\begin{aligned} 68 &:= \frac{aaa + a}{a + a} + \frac{aa + a}{a} \\ 568 &:= \frac{aaaa + a}{a + a} + \frac{aa + a}{a} \\ 5568 &:= \frac{aaaaa + a}{a + a} + \frac{aa + a}{a} \\ 55568 &:= \frac{aaaaaa + a}{a + a} + \frac{aa + a}{a} \end{aligned}$$

$$\begin{aligned} 69 &:= \frac{aaa + a}{a + a} + \frac{aa + a + a}{a} \\ 569 &:= \frac{aaaa + a}{a + a} + \frac{aa + a + a}{a} \\ 5569 &:= \frac{aaaaa + a}{a + a} + \frac{aa + a + a}{a} \\ 55569 &:= \frac{aaaaaa + a}{a + a} + \frac{aa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 70 &:= \frac{aaa + a}{a + a} + \frac{aa + a + a + a}{a} \\ 570 &:= \frac{aaaa + a}{a + a} + \frac{aa + a + a + a}{a} \\ 5570 &:= \frac{aaaaa + a}{a + a} + \frac{aa + a + a + a}{a} \\ 55570 &:= \frac{aaaaaa + a}{a + a} + \frac{aa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 71 &:= \frac{aaa + a}{a + a} + \frac{aa + a + a + a + a}{a} \\ 571 &:= \frac{aaaa + a}{a + a} + \frac{aa + a + a + a + a}{a} \\ 5571 &:= \frac{aaaaa + a}{a + a} + \frac{aa + a + a + a + a}{a} \\ 55571 &:= \frac{aaaaaa + a}{a + a} + \frac{aa + a + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 72 &:= \frac{(aa + a) \times (aa + a)}{(a + a) \times a} \\ 672 &:= \frac{(aaa + a) \times (aa + a)}{(a + a) \times a} \\ 6672 &:= \frac{(aaaa + a) \times (aa + a)}{(a + a) \times a} \\ 66672 &:= \frac{(aaaaa + a) \times (aa + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 73 &:= \frac{aaa + aa + a + a}{a + a} + \frac{aa}{a} \\ 723 &:= \frac{aaaa + aaa + a + a}{a + a} + \frac{aaa}{a} \\ 7223 &:= \frac{aaaaa + aaaa + a + a}{a + a} + \frac{aaaa}{a} \\ 72223 &:= \frac{aaaaaa + aaaaa + a + a}{a + a} + \frac{aaaaa}{a} \end{aligned}$$

$$\begin{aligned} 74 &:= \frac{aaa + aa + a + a}{a + a} + \frac{aa + a}{a} \\ 724 &:= \frac{aaaa + aaa + a + a}{a + a} + \frac{aaa + a}{a} \\ 7224 &:= \frac{aaaaa + aaaa + a + a}{a + a} + \frac{aaaa + a}{a} \\ 72224 &:= \frac{aaaaaa + aaaaa + a + a}{a + a} + \frac{aaaaa + a}{a} \end{aligned}$$

$$\begin{aligned} 75 &:= \frac{aaa - aa - aa - aa - a - a - a}{a} \\ 975 &:= \frac{aaaa - aaa - aa - aa - a - a - a}{a} \\ 9975 &:= \frac{aaaaa - aaaa - aa - aa - a - a - a}{a} \\ 99975 &:= \frac{aaaaaa - aaaaa - aa - aa - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 76 &:= \frac{aaa - aa - aa - aa - a - a}{a} \\ 976 &:= \frac{aaaa - aaa - aa - aa - a - a}{a} \\ 9976 &:= \frac{aaaaa - aaaa - aa - aa - a - a}{a} \\ 99976 &:= \frac{aaaaaa - aaaaa - aa - aa - a - a}{a} \end{aligned}$$

$$\begin{aligned} 77 &:= \frac{aaa - aa - aa - aa - a}{a} \\ 977 &:= \frac{aaaa - aaa - aa - aa - a}{a} \\ 9977 &:= \frac{aaaaa - aaaa - aa - aa - a}{a} \\ 99977 &:= \frac{aaaaaa - aaaaa - aa - aa - a}{a} \end{aligned}$$

$$\begin{aligned} 78 &:= \frac{aaa - aa - aa - aa}{a} \\ 978 &:= \frac{aaaa - aaa - aa - aa}{a} \\ 9978 &:= \frac{aaaaa - aaaa - aa - aa}{a} \\ 99978 &:= \frac{aaaaaa - aaaaa - aa - aa}{a} \end{aligned}$$

$$\begin{aligned} 79 &:= \frac{aaa - aa - aa - aa + a}{a} \\ 979 &:= \frac{aaaa - aaa - aa - aa + a}{a} \\ 9979 &:= \frac{aaaaa - aaaa - aa - aa + a}{a} \\ 99979 &:= \frac{aaaaaa - aaaaa - aa - aa + a}{a} \end{aligned}$$

$$\begin{aligned} 80 &:= \frac{aaa - aa - aa - aa + a + a}{a} \\ 980 &:= \frac{aaaa - aaa - aa - aa + a + a}{a} \\ 9980 &:= \frac{aaaaa - aaaa - aa - aa + a + a}{a} \\ 99980 &:= \frac{aaaaaa - aaaaa - aa - aa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 81 &:= \frac{(aa - a - a) \times (aa - a - a)}{a \times a} \\ 981 &:= \frac{(aaa - a - a) \times (aa - a - a)}{a \times a} \\ 9981 &:= \frac{(aaaa - a - a) \times (aa - a - a)}{a \times a} \\ 99981 &:= \frac{(aaaaa - a - a) \times (aa - a - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 82 &:= \frac{(aa - a - a) \times (aa - a - a) + a \times a}{a \times a} \\ 982 &:= \frac{(aa - a - a) \times (aaa - a - a) + a \times a}{a \times a} \\ 9982 &:= \frac{(aa - a - a) \times (aaaa - a - a) + a \times a}{a \times a} \\ 99982 &:= \frac{(aa - a - a) \times (aaaaa - a - a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 83 &:= \frac{(aa - a - a) \times (aa - a - a) + a \times (a + a)}{a \times a} \\ 983 &:= \frac{(aa - a - a) \times (aaa - a - a) + a \times (a + a)}{a \times a} \\ 9983 &:= \frac{(aa - a - a) \times (aaaa - a - a) + a \times (a + a)}{a \times a} \\ 99983 &:= \frac{(aa - a - a) \times (aaaaa - a - a) + a \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 84 &:= \frac{(aa - a - a - a - a) \times (aa + a)}{a \times a} \\ 784 &:= \frac{(aa - a - a - a - a) \times (aaa + a)}{a \times a} \\ 7784 &:= \frac{(aa - a - a - a - a) \times (aaaa + a)}{a \times a} \\ 77784 &:= \frac{(aa - a - a - a - a) \times (aaaaa + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 85 &:= \frac{aaa - aa - aa - a - a - a - a}{a} \\ 985 &:= \frac{aaaa - aaa - aa - a - a - a - a}{a} \\ 9985 &:= \frac{aaaaa - aaaa - aa - a - a - a - a}{a} \\ 99985 &:= \frac{aaaaaa - aaaaa - aa - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 86 &:= \frac{(aa - a - a - a) \times aa - (a + a) \times a}{a \times a} \\ 886 &:= \frac{(aa - a - a - a) \times aaa - (a + a) \times a}{a \times a} \\ 8886 &:= \frac{(aa - a - a - a) \times aaaa - (a + a) \times a}{a \times a} \\ 88886 &:= \frac{(aa - a - a - a) \times aaaaa - (a + a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 87 &:= \frac{(aa - a - a - a) \times aa - a \times a}{a \times a} \\ 887 &:= \frac{(aa - a - a - a) \times aaa - a \times a}{a \times a} \\ 8887 &:= \frac{(aa - a - a - a) \times aaaa - a \times a}{a \times a} \\ 88887 &:= \frac{(aa - a - a - a) \times aaaaa - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 88 &:= \frac{aaa - aa - aa - a}{a} \\ 988 &:= \frac{aaaa - aaa - aa - a}{a} \\ 9988 &:= \frac{aaaaa - aaaa - aa - a}{a} \\ 99988 &:= \frac{aaaaaa - aaaaa - aa - a}{a} \end{aligned}$$

$$\begin{aligned} 89 &:= \frac{aaa - aa - aa}{a} \\ 989 &:= \frac{aaaa - aaa - aa}{a} \\ 9989 &:= \frac{aaaaa - aaaa - aa}{a} \\ 999989 &:= \frac{aaaaaa - aaaaa - aa}{a} \end{aligned}$$

$$\begin{aligned} 90 &:= \frac{aaa - aa - aa + a}{a} \\ 990 &:= \frac{aaaa - aaa - aa + a}{a} \\ 9990 &:= \frac{aaaaa - aaaa - aa + a}{a} \\ 999990 &:= \frac{aaaaaa - aaaaa - aa + a}{a} \end{aligned}$$

$$\begin{aligned} 91 &:= \frac{aaa - aa - aa + a + a}{a} \\ 991 &:= \frac{aaaa - aaa - aa + a + a}{a} \\ 9991 &:= \frac{aaaaa - aaaa - aa + a + a}{a} \\ 99991 &:= \frac{aaaaaa - aaaaa - aa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 92 &:= \frac{aaa - aa - aa + a + a + a}{a} \\ 992 &:= \frac{aaaa - aaa - aa + a + a + a}{a} \\ 9992 &:= \frac{aaaaa - aaaa - aa + a + a + a}{a} \\ 99992 &:= \frac{aaaaaa - aaaaa - aa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 93 &:= \frac{aaa - aa - aa + a + a + a + a}{a} \\ 993 &:= \frac{aaaa - aaa - aa + a + a + a + a}{a} \\ 9993 &:= \frac{aaaaa - aaaa - aa + a + a + a + a}{a} \\ 99993 &:= \frac{aaaaaa - aaaaa - aa + a + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 94 &:= \frac{aaa - aa - a - a - a - a - a - a}{a} \\ 994 &:= \frac{aaaa - aaa - a - a - a - a - a - a}{a} \\ 9994 &:= \frac{aaaaa - aaaa - a - a - a - a - a - a}{a} \\ 99994 &:= \frac{aaaaaa - aaaaa - a - a - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 95 &:= \frac{aaa - aa - a - a - a - a - a - a}{a} \\ 995 &:= \frac{aaaa - aaa - a - a - a - a - a - a}{a} \\ 9995 &:= \frac{aaaaa - aaaa - a - a - a - a - a - a}{a} \\ 99995 &:= \frac{aaaaaa - aaaaa - a - a - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 96 &:= \frac{aaa - aa - a - a - a - a - a - a}{a} \\ 996 &:= \frac{aaaa - aaa - a - a - a - a - a - a}{a} \\ 9996 &:= \frac{aaaaa - aaaa - a - a - a - a - a - a}{a} \\ 99996 &:= \frac{aaaaaa - aaaaa - a - a - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 97 &:= \frac{aaa - aa - a - a - a - a - a - a}{a} \\ 997 &:= \frac{aaaa - aaa - a - a - a - a - a - a}{a} \\ 9997 &:= \frac{aaaaa - aaaa - a - a - a - a - a - a}{a} \\ 99997 &:= \frac{aaaaaa - aaaaa - a - a - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 98 &:= \frac{aaa - aa - a - a - a - a - a - a}{a} \\ 998 &:= \frac{aaaa - aaa - a - a - a - a - a - a}{a} \\ 9998 &:= \frac{aaaaa - aaaa - a - a - a - a - a - a}{a} \\ 99998 &:= \frac{aaaaaa - aaaaa - a - a - a - a - a - a}{a} \end{aligned}$$



$$\begin{aligned} 99 &:= \frac{aaa - aa - a}{a} \\ 999 &:= \frac{aaaa - aaa - a}{a} \\ 9999 &:= \frac{aaaaa - aaaa - a}{a} \\ 99999 &:= \frac{aaaaaa - aaaaa - a}{a} \end{aligned}$$

$$\begin{aligned} 100 &:= \frac{aaa - aa}{a} \\ 1100 &:= \frac{aaaa - aa}{a} \\ 11100 &:= \frac{aaaaa - aa}{a} \\ 111100 &:= \frac{aaaaaa - aa}{a} \end{aligned}$$

$$\begin{aligned} 101 &:= \frac{aaa - aa + a}{a} \\ 1001 &:= \frac{aaaa - aaa + a}{a} \\ 10001 &:= \frac{aaaaa - aaaa + a}{a} \\ 100001 &:= \frac{aaaaaa - aaaaa + a}{a} \end{aligned}$$

$$\begin{aligned} 102 &:= \frac{aaa - aa + a + a}{a} \\ 1102 &:= \frac{aaaa - aa + a + a}{a} \\ 11102 &:= \frac{aaaaa - aa + a + a}{a} \\ 111102 &:= \frac{aaaaaa - aa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 103 &:= \frac{aaa - aa + a + a + a}{a} \\ 1003 &:= \frac{aaaa - aaa + a + a + a}{a} \\ 10003 &:= \frac{aaaaa - aaaa + a + a + a}{a} \\ 100003 &:= \frac{aaaaaa - aaaaa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 104 &:= \frac{aaa - aa + a + a + a + a}{a} \\ 1004 &:= \frac{aaaa - aaa + a + a + a + a}{a} \\ 10004 &:= \frac{aaaaa - aaaa + a + a + a + a}{a} \\ 100004 &:= \frac{aaaaaa - aaaaa + a + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 105 &:= \frac{aaa - a - a - a - a - a - a}{a} \\ 1105 &:= \frac{aaaa - a - a - a - a - a - a}{a} \\ 11105 &:= \frac{aaaaa - a - a - a - a - a - a}{a} \\ 111105 &:= \frac{aaaaaa - a - a - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 106 &:= \frac{aaa - a - a - a - a - a}{a} \\ 1106 &:= \frac{aaaa - a - a - a - a - a}{a} \\ 11106 &:= \frac{aaaaa - a - a - a - a - a}{a} \\ 111106 &:= \frac{aaaaaa - a - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 107 &:= \frac{aaa - a - a - a - a}{a} \\ 1107 &:= \frac{aaaa - a - a - a - a}{a} \\ 11107 &:= \frac{aaaaa - a - a - a - a}{a} \\ 111107 &:= \frac{aaaaaa - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 108 &:= \frac{aaa - a - a - a}{a} \\ 1108 &:= \frac{aaaa - a - a - a}{a} \\ 11108 &:= \frac{aaaaa - a - a - a}{a} \\ 111108 &:= \frac{aaaaaa - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 109 &:= \frac{aaa - a - a}{a} \\ 1109 &:= \frac{aaaa - a - a}{a} \\ 11109 &:= \frac{aaaaa - a - a}{a} \\ 111109 &:= \frac{aaaaaa - a - a}{a} \end{aligned}$$

$$\begin{aligned} 110 &:= \frac{aaa - a}{a} \\ 1110 &:= \frac{aaaa - a}{a} \\ 11110 &:= \frac{aaaaa - a}{a} \\ 111110 &:= \frac{aaaaaa - a}{a} \end{aligned}$$

$$\begin{aligned} 111 &:= \frac{aaa}{a} \\ 1111 &:= \frac{aaaa}{a} \\ 11111 &:= \frac{aaaaa}{a} \\ 111111 &:= \frac{aaaaaa}{a} \end{aligned}$$

$$\begin{aligned} 112 &:= \frac{aaa + a}{a} \\ 1112 &:= \frac{aaaa + a}{a} \\ 11112 &:= \frac{aaaaa + a}{a} \\ 111112 &:= \frac{aaaaaa + a}{a} \end{aligned}$$

$$\begin{aligned} 113 &:= \frac{aaa + a + a}{a} \\ 1113 &:= \frac{aaaa + a + a}{a} \\ 11113 &:= \frac{aaaaa + a + a}{a} \\ 111113 &:= \frac{aaaaaa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 114 &:= \frac{aaa + a + a + a}{a} \\ 1114 &:= \frac{aaaa + a + a + a}{a} \\ 11114 &:= \frac{aaaaa + a + a + a}{a} \\ 111114 &:= \frac{aaaaaa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 115 &:= \frac{aaa + a + a + a + a}{a} \\ 1115 &:= \frac{aaaa + a + a + a + a}{a} \\ 11115 &:= \frac{aaaaa + a + a + a + a}{a} \\ 111115 &:= \frac{aaaaaa + a + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 116 &:= \frac{aa - a}{a + a} + \frac{aaa}{a} \\ 1116 &:= \frac{aa - a}{a + a} + \frac{aaaa}{a} \\ 11116 &:= \frac{aa - a}{a + a} + \frac{aaaaa}{a} \\ 111116 &:= \frac{aa - a}{a + a} + \frac{aaaaaa}{a} \end{aligned}$$

$$\begin{aligned} 117 &:= \frac{aa + a}{a + a} + \frac{aaa}{a} \\ 1117 &:= \frac{aa + a}{a + a} + \frac{aaaa}{a} \\ 11117 &:= \frac{aa + a}{a + a} + \frac{aaaaa}{a} \\ 111117 &:= \frac{aa + a}{a + a} + \frac{aaaaaa}{a} \end{aligned}$$

$$\begin{aligned} 118 &:= \frac{aaa + aa - a - a - a - a}{a} \\ 1118 &:= \frac{aaaa + aa - a - a - a - a}{a} \\ 11118 &:= \frac{aaaaa + aa - a - a - a - a}{a} \\ 111118 &:= \frac{aaaaaa + aa - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 119 &:= \frac{aaa + aa - a - a - a}{a} \\ 1119 &:= \frac{aaaa + aa - a - a - a}{a} \\ 11119 &:= \frac{aaaaa + aa - a - a - a}{a} \\ 111119 &:= \frac{aaaaaa + aa - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 120 &:= \frac{aaa + aa - a - a}{a} \\ 1120 &:= \frac{aaaa + aa - a - a}{a} \\ 11120 &:= \frac{aaaaa + aa - a - a}{a} \\ 111120 &:= \frac{aaaaaa + aa - a - a}{a} \end{aligned}$$

$$\begin{aligned} 121 &:= \frac{aaa + aa - a}{a} \\ 1221 &:= \frac{aaaa + aaa - a}{a} \\ 12221 &:= \frac{aaaaa + aaaa - a}{a} \\ 122221 &:= \frac{aaaaaa + aaaaa - a}{a} \end{aligned}$$

$$\begin{aligned} 122 &:= \frac{aaa + aa}{a} \\ 1122 &:= \frac{aaaa + aa}{a} \\ 11122 &:= \frac{aaaaa + aa}{a} \\ 111122 &:= \frac{aaaaaa + aa}{a} \end{aligned}$$

$$\begin{aligned} 123 &:= \frac{aaa + aa + a}{a} \\ 1123 &:= \frac{aaaa + aa + a}{a} \\ 11123 &:= \frac{aaaaa + aa + a}{a} \\ 111123 &:= \frac{aaaaaa + aa + a}{a} \end{aligned}$$

$$\begin{aligned} 124 &:= \frac{aaa + aa + a + a}{a} \\ 1124 &:= \frac{aaaa + aa + a + a}{a} \\ 11124 &:= \frac{aaaaa + aa + a + a}{a} \\ 111124 &:= \frac{aaaaaa + aa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 125 &:= \frac{aaa + aa + a + a + a}{a} \\ 1125 &:= \frac{aaaa + aa + a + a + a}{a} \\ 11125 &:= \frac{aaaaa + aa + a + a + a}{a} \\ 111125 &:= \frac{aaaaaa + aa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 126 &:= \frac{aaa + aa + a + a + a + a}{a} \\ 1126 &:= \frac{aaaa + aa + a + a + a + a}{a} \\ 11126 &:= \frac{aaaaa + aa + a + a + a + a}{a} \\ 111126 &:= \frac{aaaaaa + aa + a + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 127 &:= \frac{aaa + aa + a + a + a + a + a}{a} \\ 1127 &:= \frac{aaaa + aa + a + a + a + a + a}{a} \\ 11127 &:= \frac{aaaaa + aa + a + a + a + a + a}{a} \\ 111127 &:= \frac{aaaaaa + aa + a + a + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 128 &:= \frac{aaa + aa + a + a + a + a + a + a}{a} \\ 1128 &:= \frac{aaaa + aa + a + a + a + a + a + a}{a} \\ 11128 &:= \frac{aaaaa + aa + a + a + a + a + a + a}{a} \\ 111128 &:= \frac{aaaaaa + aa + a + a + a + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 129 &:= \frac{aa + aa + aaa - a - a - a - a}{a} \\ 1129 &:= \frac{aa + aa + aaaa - a - a - a - a}{a} \\ 11129 &:= \frac{aa + aa + aaaaa - a - a - a - a}{a} \\ 111129 &:= \frac{aa + aa + aaaaaa - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 130 &:= \frac{aa + aa + aaa - a - a - a}{a} \\ 1130 &:= \frac{aa + aa + aaaa - a - a - a}{a} \\ 11130 &:= \frac{aa + aa + aaaaa - a - a - a}{a} \\ 111130 &:= \frac{aa + aa + aaaaaa - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 131 &:= \frac{aa + aa + aaa - a - a}{a} \\ 1131 &:= \frac{aa + aa + aaaa - a - a}{a} \\ 11131 &:= \frac{aa + aa + aaaaa - a - a}{a} \\ 111131 &:= \frac{aa + aa + aaaaaa - a - a}{a} \end{aligned}$$

$$\begin{aligned} 132 &:= \frac{aa + aa + aaa - a}{a} \\ 1132 &:= \frac{aa + aa + aaaa - a}{a} \\ 11132 &:= \frac{aa + aa + aaaaa - a}{a} \\ 111132 &:= \frac{aa + aa + aaaaaa - a}{a} \end{aligned}$$

$$\begin{aligned} 133 &:= \frac{aaa + aa + aa}{a} \\ 1133 &:= \frac{aaaa + aa + aa}{a} \\ 11133 &:= \frac{aaaaa + aa + aa}{a} \\ 111133 &:= \frac{aaaaa + aa + aa}{a} \end{aligned}$$

$$\begin{aligned} 134 &:= \frac{aaa + aa + aa + a}{a} \\ 1134 &:= \frac{aaaa + aa + aa + a}{a} \\ 11134 &:= \frac{aaaaa + aa + aa + a}{a} \\ 111134 &:= \frac{aaaaaa + aa + aa + a}{a} \end{aligned}$$

$$\begin{aligned} 135 &:= \frac{aaa + aa + aa + a + a}{a} \\ 1135 &:= \frac{aaaa + aa + aa + a + a}{a} \\ 11135 &:= \frac{aaaaa + aa + aa + a + a}{a} \\ 111135 &:= \frac{aaaaaa + aa + aa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 136 &:= \frac{aaa + aa + aa + a + a + a}{a} \\ 1136 &:= \frac{aaaa + aa + aa + a + a + a}{a} \\ 11136 &:= \frac{aaaaa + aa + aa + a + a + a}{a} \\ 111136 &:= \frac{aaaaaa + aa + aa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 137 &:= \frac{aaa + aa + aa + a + a + a + a}{a} \\ 1137 &:= \frac{aaaa + aa + aa + a + a + a + a}{a} \\ 11137 &:= \frac{aaaaa + aa + aa + a + a + a + a}{a} \\ 111137 &:= \frac{aaaaaa + aa + aa + a + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 138 &:= \frac{aaa + aa + aa + a + a + a + a + a}{a} \\ 1138 &:= \frac{aaaa + aa + aa + a + a + a + a + a}{a} \\ 11138 &:= \frac{aaaaa + aa + aa + a + a + a + a + a}{a} \\ 111138 &:= \frac{aaaaaa + aa + aa + a + a + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 139 &:= \frac{aaaa + a}{aa - a - a - a} \\ 1389 &:= \frac{aaaaa + a}{aa - a - a - a} \\ 13889 &:= \frac{aaaaaa + a}{aa - a - a - a} \\ 138889 &:= \frac{aaaaaaa + a}{aa - a - a - a} \end{aligned}$$

$$\begin{aligned} 140 &:= \frac{(aa + a + a + a) \times (aa - a)}{a \times a} \\ 1140 &:= \frac{(aaa + a + a + a) \times (aa - a)}{a \times a} \\ 11140 &:= \frac{(aaaa + a + a + a) \times (aa - a)}{a \times a} \\ 111140 &:= \frac{(aaaaa + a + a + a) \times (aa - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 141 &:= \frac{(aa + a + a) \times aa - (a + a) \times a}{a \times a} \\ 1441 &:= \frac{(aa + a + a) \times aaa - (a + a) \times a}{a \times a} \\ 14441 &:= \frac{(aa + a + a) \times aaaa - (a + a) \times a}{a \times a} \\ 144441 &:= \frac{(aa + a + a) \times aaaaa - (a + a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 142 &:= \frac{(aa + a + a) \times aa - a \times a}{a \times a} \\ 1242 &:= \frac{(aaa + a + a) \times aa - a \times a}{a \times a} \\ 12242 &:= \frac{(aaaa + a + a) \times aa - a \times a}{a \times a} \\ 122242 &:= \frac{(aaaaa + a + a) \times aa - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 143 &:= \frac{(aa + a + a) \times aa}{a \times a} \\ 1243 &:= \frac{(aaa + a + a) \times aa}{a \times a} \\ 12243 &:= \frac{(aaaa + a + a) \times aa}{a \times a} \\ 122243 &:= \frac{(aaaaa + a + a) \times aa}{a \times a} \end{aligned}$$

$$\begin{aligned} 144 &:= \frac{aaa + aa + aa + aa}{a} \\ 1144 &:= \frac{aaaa + aa + aa + aa}{a} \\ 11144 &:= \frac{aaaaa + aa + aa + aa}{a} \\ 111144 &:= \frac{aaaaaa + aa + aa + aa}{a} \end{aligned}$$

$$\begin{aligned} 145 &:= \frac{(aa + a) \times (aa + a) + a \times a}{a \times a} \\ 1335 &:= \frac{(aaa + a) \times (aa + a) + a \times a}{a \times a} \\ 13345 &:= \frac{(aaaa + a) \times (aa + a) + a \times a}{a \times a} \\ 133345 &:= \frac{(aaaaa + a) \times (aa + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 146 &:= \frac{aaa + aa + aa + aa + a + a}{a} \\ 1146 &:= \frac{aaaa + aa + aa + aa + a + a}{a} \\ 11146 &:= \frac{aaaaa + aa + aa + aa + a + a}{a} \\ 111146 &:= \frac{aaaaaa + aa + aa + aa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 147 &:= \frac{aaa + aa + aa + aa + a + a + a}{a} \\ 1147 &:= \frac{aaaa + aa + aa + aa + a + a + a}{a} \\ 11147 &:= \frac{aaaaa + aa + aa + aa + a + a + a}{a} \\ 111147 &:= \frac{aaaaaa + aa + aa + aa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 148 &:= \frac{aaa \times a + aaa \times (a + a + a)}{a \times (a + a + a)} \\ 1148 &:= \frac{aaa \times a + aaaa \times (a + a + a)}{a \times (a + a + a)} \\ 11148 &:= \frac{aaa \times a + aaaaa \times (a + a + a)}{a \times (a + a + a)} \\ 111148 &:= \frac{aaa \times a + aaaaaa \times (a + a + a)}{a \times (a + a + a)} \end{aligned}$$

$$\begin{aligned} 149 &:= \frac{aaa \times a + (aaa + a) \times (a + a + a)}{a \times (a + a + a)} \\ 1149 &:= \frac{aaa \times a + (aaaa + a) \times (a + a + a)}{a \times (a + a + a)} \\ 11149 &:= \frac{aaa \times a + (aaaaa + a) \times (a + a + a)}{a \times (a + a + a)} \\ 111149 &:= \frac{aaa \times a + (aaaaaa + a) \times (a + a + a)}{a \times (a + a + a)} \end{aligned}$$

$$\begin{aligned} 150 &:= \frac{(aa + a + a + a + a) \times (aa - a)}{a \times a} \\ 1650 &:= \frac{(aa + a + a + a + a) \times (aaa - a)}{a \times a} \\ 16650 &:= \frac{(aa + a + a + a + a) \times (aaaa - a)}{a \times a} \\ 166650 &:= \frac{(aa + a + a + a + a) \times (aaaaa - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 151 &:= \frac{(aa + a + a + a) \times aa - a \times (a + a + a)}{a \times a} \\ 1551 &:= \frac{(aa + a + a + a) \times aaa - a \times (a + a + a)}{a \times a} \\ 15551 &:= \frac{(aa + a + a + a) \times aaaa - a \times (a + a + a)}{a \times a} \\ 155551 &:= \frac{(aa + a + a + a) \times aaaaa - a \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 152 &:= \frac{(aa + a + a + a) \times aa - a \times (a + a)}{a \times a} \\ 1552 &:= \frac{(aa + a + a + a) \times aaa - a \times (a + a)}{a \times a} \\ 15552 &:= \frac{(aa + a + a + a) \times aaaa - a \times (a + a)}{a \times a} \\ 155552 &:= \frac{(aa + a + a + a) \times aaaaa - a \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 153 &:= \frac{(aa + a + a + a) \times aa - a \times a}{a \times a} \\ 1553 &:= \frac{(aa + a + a + a) \times aaa - a \times a}{a \times a} \\ 15553 &:= \frac{(aa + a + a + a) \times aaaa - a \times a}{a \times a} \\ 155553 &:= \frac{(aa + a + a + a) \times aaaaa - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 154 &:= \frac{(aa + a + a + a) \times aa}{a \times a} \\ 1554 &:= \frac{(aa + a + a + a) \times aaa}{a \times a} \\ 15554 &:= \frac{(aa + a + a + a) \times aaaa}{a \times a} \\ 155554 &:= \frac{(aa + a + a + a) \times aaaaa}{a \times a} \end{aligned}$$

$$\begin{aligned} 155 &:= \frac{aaa + aa + aa + aa + aa}{a} \\ 1155 &:= \frac{aaaa + aa + aa + aa + aa}{a} \\ 11155 &:= \frac{aaaaa + aa + aa + aa + aa}{a} \\ 111155 &:= \frac{aaaaaa + aa + aa + aa + aa}{a} \end{aligned}$$

$$\begin{aligned} 156 &:= \frac{aaa + aa + aa + aa + aa + a}{a} \\ 1156 &:= \frac{aaaa + aa + aa + aa + aa + a}{a} \\ 11156 &:= \frac{aaaaa + aa + aa + aa + aa + a}{a} \\ 111156 &:= \frac{aaaaaa + aa + aa + aa + aa + a}{a} \end{aligned}$$

$$\begin{aligned} 157 &:= \frac{aaa + aa + aa + aa + aa + a + a}{a} \\ 1157 &:= \frac{aaaa + aa + aa + aa + aa + a + a}{a} \\ 11157 &:= \frac{aaaaa + aa + aa + aa + aa + a + a}{a} \\ 111157 &:= \frac{aaaaaa + aa + aa + aa + aa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 158 &:= \frac{(aa + a + a) \times (aa + a) + (a + a) \times a}{a \times a} \\ 1358 &:= \frac{(aaa + a + a) \times (aa + a) + (a + a) \times a}{a \times a} \\ 13358 &:= \frac{(aaaa + a + a) \times (aa + a) + (a + a) \times a}{a \times a} \\ 133358 &:= \frac{(aaaaa + a + a) \times (aa + a) + (a + a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 159 &:= \frac{(aa + a + a) \times (aa + a) + (a + a + a) \times a}{a \times a} \\ 1359 &:= \frac{(aaa + a + a) \times (aa + a) + (a + a + a) \times a}{a \times a} \\ 13359 &:= \frac{(aaaa + a + a) \times (aa + a) + (a + a + a) \times a}{a \times a} \\ 133359 &:= \frac{(aaaaa + a + a) \times (aa + a) + (a + a + a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 160 &:= \frac{(aa + a + a + a + a + a) \times (aa - a)}{a \times a} \\ 1160 &:= \frac{(aaa + a + a + a + a + a) \times (aa - a)}{a \times a} \\ 11160 &:= \frac{(aaaa + a + a + a + a + a) \times (aa - a)}{a \times a} \\ 111160 &:= \frac{(aaaaa + a + a + a + a + a) \times (aa - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 161 &:= \frac{aaa \times (a + a + a) - aa \times a}{(a + a) \times a} \\ 1661 &:= \frac{aaaa \times (a + a + a) - aa \times a}{(a + a) \times a} \\ 16661 &:= \frac{aaaaa \times (a + a + a) - aa \times a}{(a + a) \times a} \\ 166661 &:= \frac{aaaaaa \times (a + a + a) - aa \times a}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 162 &:= \frac{(aaa - a - a - a) \times (a + a + a)}{(a + a) \times a} \\ 1662 &:= \frac{(aaaa - a - a - a) \times (a + a + a)}{(a + a) \times a} \\ 16662 &:= \frac{(aaaaa - a - a - a) \times (a + a + a)}{(a + a) \times a} \\ 166662 &:= \frac{(aaaaaa - a - a - a) \times (a + a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 163 &:= \frac{(aa + a + a + a + a) \times aa - (a + a) \times a}{a \times a} \\ 1263 &:= \frac{(aaa + a + a + a + a) \times aa - (a + a) \times a}{a \times a} \\ 12263 &:= \frac{(aaaa + a + a + a + a) \times aa - (a + a) \times a}{a \times a} \\ 122263 &:= \frac{(aaaaa + a + a + a + a) \times aa - (a + a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 164 &:= \frac{(aa + a + a + a + a) \times aa - a \times a}{a \times a} \\ 1264 &:= \frac{(aaa + a + a + a + a) \times aa - a \times a}{a \times a} \\ 12264 &:= \frac{(aaaa + a + a + a + a) \times aa - a \times a}{a \times a} \\ 122264 &:= \frac{(aaaaa + a + a + a + a) \times aa - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 165 &:= \frac{(aa + a + a + a + a) \times aa}{a \times a} \\ 1665 &:= \frac{(aa + a + a + a + a) \times aaa}{a \times a} \\ 16665 &:= \frac{(aa + a + a + a + a) \times aaaa}{a \times a} \\ 166665 &:= \frac{(aa + a + a + a + a) \times aaaaa}{a \times a} \end{aligned}$$

$$\begin{aligned} 166 &:= \frac{aaa + aaa + aaa - a}{a + a} \\ 1166 &:= \frac{aaaa + aaaa + aaa - a}{a + a} \\ 11166 &:= \frac{aaaaa + aaaaa + aaa - a}{a + a} \\ 111166 &:= \frac{aaaaaa + aaaaaa + aaa - a}{a + a} \end{aligned}$$

$$\begin{aligned} 167 &:= \frac{aaa + aaa + aaa + a}{a + a} \\ 1167 &:= \frac{aaaa + aaaa + aaa + a}{a + a} \\ 11167 &:= \frac{aaaaa + aaaaa + aaa + a}{a + a} \\ 111167 &:= \frac{aaaaaa + aaaaaa + aaa + a}{a + a} \end{aligned}$$

$$\begin{aligned} 168 &:= \frac{aaa + a}{a + a} + \frac{aaa + a}{a} \\ 1668 &:= \frac{aaaa + a}{a + a} + \frac{aaaa + a}{a} \\ 16668 &:= \frac{aaaaa + a}{a + a} + \frac{aaaaa + a}{a} \\ 166668 &:= \frac{aaaaaa + a}{a + a} + \frac{aaaaaa + a}{a} \end{aligned}$$

$$\begin{aligned} 169 &:= \frac{aaa + a}{a + a} + \frac{aaa + a + a}{a} \\ 1669 &:= \frac{aaaa + a}{a + a} + \frac{aaaa + a + a}{a} \\ 16669 &:= \frac{aaaaa + a}{a + a} + \frac{aaaaa + a + a}{a} \\ 166669 &:= \frac{aaaaaa + a}{a + a} + \frac{aaaaaa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 170 &:= \frac{aaa + aa}{a + a} + \frac{aaa - a - a}{a} \\ 1670 &:= \frac{aaaa + aa}{a + a} + \frac{aaaa - a - a}{a} \\ 16670 &:= \frac{aaaaa + aa}{a + a} + \frac{aaaaa - a - a}{a} \\ 166670 &:= \frac{aaaaaa + aa}{a + a} + \frac{aaaaaa - a - a}{a} \end{aligned}$$

$$\begin{aligned} 171 &:= \frac{aaa + aa}{a + a} + \frac{aaa - a}{a} \\ 1671 &:= \frac{aaaa + aa}{a + a} + \frac{aaaa - a}{a} \\ 16671 &:= \frac{aaaaa + aa}{a + a} + \frac{aaaaa - a}{a} \\ 166671 &:= \frac{aaaaaa + aa}{a + a} + \frac{aaaaaa - a}{a} \end{aligned}$$

$$\begin{aligned} 172 &:= \frac{aaa + aa}{a + a} + \frac{aaa}{a} \\ 1672 &:= \frac{aaaa + aa}{a + a} + \frac{aaaa}{a} \\ 16672 &:= \frac{aaaaa + aa}{a + a} + \frac{aaaaa}{a} \\ 166672 &:= \frac{aaaaaa + aa}{a + a} + \frac{aaaaaa}{a} \end{aligned}$$

$$\begin{aligned} 173 &:= \frac{aaa + aa}{a + a} + \frac{aaa + a}{a} \\ 1673 &:= \frac{aaaa + aa}{a + a} + \frac{aaaa + a}{a} \\ 16673 &:= \frac{aaaaa + aa}{a + a} + \frac{aaaaa + a}{a} \\ 166673 &:= \frac{aaaaaa + aa}{a + a} + \frac{aaaaaa + a}{a} \end{aligned}$$

$$\begin{aligned} 174 &:= \frac{aaa + aa}{a + a} + \frac{aaa + a + a}{a} \\ 1674 &:= \frac{aaaa + aa}{a + a} + \frac{aaaa + a + a}{a} \\ 16674 &:= \frac{aaaaa + aa}{a + a} + \frac{aaaaa + a + a}{a} \\ 166674 &:= \frac{aaaaaa + aa}{a + a} + \frac{aaaaaa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 175 &:= \frac{(aa + a + a + a + a + a) \times aa - a \times a}{a \times a} \\ 1775 &:= \frac{(aa + a + a + a + a + a) \times aaa - a \times a}{a \times a} \\ 17775 &:= \frac{(aa + a + a + a + a + a) \times aaaa - a \times a}{a \times a} \\ 177775 &:= \frac{(aa + a + a + a + a + a) \times aaaaa - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 176 &:= \frac{(aa + a + a + a + a + a) \times aa}{a \times a} \\ 1776 &:= \frac{(aa + a + a + a + a + a) \times aaa}{a \times a} \\ 17776 &:= \frac{(aa + a + a + a + a + a) \times aaaa}{a \times a} \\ 177776 &:= \frac{(aa + a + a + a + a + a) \times aaaaa}{a \times a} \end{aligned}$$

$$\begin{aligned} 177 &:= \frac{(aa + a) \times aa + (a + a) \times aaa}{(a + a) \times a} \\ 1777 &:= \frac{(aa + a) \times aa + (a + a) \times aaaa}{(a + a) \times a} \\ 17777 &:= \frac{(aa + a) \times aa + (a + a) \times aaaaa}{(a + a) \times a} \\ 177777 &:= \frac{(aa + a) \times aa + (a + a) \times aaaaaa}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 178 &:= \frac{(aaa - aa - aa) \times (a + a)}{a \times a} \\ 2178 &:= \frac{(aaaa - aa - aa) \times (a + a)}{a \times a} \\ 22178 &:= \frac{(aaaaa - aa - aa) \times (a + a)}{a \times a} \\ 222178 &:= \frac{(aaaaaa - aa - aa) \times (a + a)}{a \times a} \end{aligned}$$



$$\begin{aligned} 179 &:= \frac{(aaa - aa - aa) \times (a + a) + a \times a}{a \times a} \\ 2179 &:= \frac{(aaaa - aa - aa) \times (a + a) + a \times a}{a \times a} \\ 22179 &:= \frac{(aaaaa - aa - aa) \times (a + a) + a \times a}{a \times a} \\ 222179 &:= \frac{(aaaaaa - aa - aa) \times (a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 180 &:= \frac{(aa + a + a + a + a) \times (aa + a)}{a \times a} \\ 1680 &:= \frac{(aa + a + a + a + a) \times (aaa + a)}{a \times a} \\ 16680 &:= \frac{(aa + a + a + a + a) \times (aaaa + a)}{a \times a} \\ 166680 &:= \frac{(aa + a + a + a + a) \times (aaaaa + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 181 &:= \frac{(aa + a + a + a + a) \times (aa + a) + a \times a}{a \times a} \\ 1381 &:= \frac{(aaa + a + a + a + a) \times (aa + a) + a \times a}{a \times a} \\ 13381 &:= \frac{(aaaa + a + a + a + a) \times (aa + a) + a \times a}{a \times a} \\ 133381 &:= \frac{(aaaaa + a + a + a + a) \times (aa + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 182 &:= \frac{(aa + a + a + a) \times (aa + a + a)}{a \times a} \\ 1482 &:= \frac{(aaa + a + a + a) \times (aa + a + a)}{a \times a} \\ 14482 &:= \frac{(aaaa + a + a + a) \times (aa + a + a)}{a \times a} \\ 144482 &:= \frac{(aaaaa + a + a + a) \times (aa + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 183 &:= \frac{(aa + a + a + a) \times (aa + a + a) + a \times a}{a \times a} \\ 1483 &:= \frac{(aaa + a + a + a) \times (aa + a + a) + a \times a}{a \times a} \\ 14483 &:= \frac{(aaaa + a + a + a) \times (aa + a + a) + a \times a}{a \times a} \\ 144483 &:= \frac{(aaaaa + a + a + a) \times (aa + a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 184 &:= \frac{(aaa + aa) \times (a + a + a) + a \times (a + a)}{(a + a) \times a} \\ 1684 &:= \frac{(aaaa + aa) \times (a + a + a) + a \times (a + a)}{(a + a) \times a} \\ 16684 &:= \frac{(aaaaa + aa) \times (a + a + a) + a \times (a + a)}{(a + a) \times a} \\ 166684 &:= \frac{(aaaaaa + aa) \times (a + a + a) + a \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 185 &:= \frac{(aaaa - a) \times (a + a)}{(aa + a) \times a} \\ 185185 &:= \frac{(aaaaaaa - a) \times (a + a)}{(aa + a) \times a} \\ 185185185 &:= \frac{(aaaaaaaaa - a) \times (a + a)}{(aa + a) \times a} \\ 185185185185 &:= \frac{(aaaaaaaaaaaaa - a) \times (a + a)}{(aa + a) \times a} \end{aligned}$$

$$\begin{aligned} 186 &:= \frac{(aa + aa - a) \times (aa - a - a) - a \times (a + a + a)}{a \times a} \\ 1086 &:= \frac{(aaa + aa - a) \times (aa - a - a) - a \times (a + a + a)}{a \times a} \\ 10086 &:= \frac{(aaaa + aa - a) \times (aa - a - a) - a \times (a + a + a)}{a \times a} \\ 100086 &:= \frac{(aaaaa + aa - a) \times (aa - a - a) - a \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 187 &:= \frac{(aa + aa - a) \times (aa - a - a) - (a + a) \times a}{a \times a} \\ 1087 &:= \frac{(aaa + aa - a) \times (aa - a - a) - (a + a) \times a}{a \times a} \\ 10087 &:= \frac{(aaaa + aa - a) \times (aa - a - a) - (a + a) \times a}{a \times a} \\ 100087 &:= \frac{(aaaaa + aa - a) \times (aa - a - a) - (a + a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 188 &:= \frac{(aa + aa - a) \times (aa - a - a) - a \times a}{a \times a} \\ 1088 &:= \frac{(aaa + aa - a) \times (aa - a - a) - a \times a}{a \times a} \\ 10088 &:= \frac{(aaaa + aa - a) \times (aa - a - a) - a \times a}{a \times a} \\ 100088 &:= \frac{(aaaaa + aa - a) \times (aa - a - a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 189 &:= \frac{(aa + aa - a) \times (aa - a - a)}{a \times a} \\ 1089 &:= \frac{(aaa + aa - a) \times (aa - a - a)}{a \times a} \\ 10089 &:= \frac{(aaaa + aa - a) \times (aa - a - a)}{a \times a} \\ 100089 &:= \frac{(aaaaa + aa - a) \times (aa - a - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 190 &:= \frac{(aa + aa - a) \times (aa - a - a) + a \times a}{a \times a} \\ 1090 &:= \frac{(aaa + aa - a) \times (aa - a - a) + a \times a}{a \times a} \\ 10090 &:= \frac{(aaaa + aa - a) \times (aa - a - a) + a \times a}{a \times a} \\ 100090 &:= \frac{(aaaaa + aa - a) \times (aa - a - a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 191 &:= \frac{(aa + aa - a) \times (aa - a - a) + a \times (a + a)}{a \times a} \\ 1091 &:= \frac{(aaa + aa - a) \times (aa - a - a) + a \times (a + a)}{a \times a} \\ 10091 &:= \frac{(aaaa + aa - a) \times (aa - a - a) + a \times (a + a)}{a \times a} \\ 100091 &:= \frac{(aaaaa + aa - a) \times (aa - a - a) + a \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 192 &:= \frac{(aa + aa - a) \times (aa - a - a) + a \times (a + a + a)}{a \times a} \\ 1092 &:= \frac{(aaa + aa - a) \times (aa - a - a) + a \times (a + a + a)}{a \times a} \\ 10092 &:= \frac{(aaaa + aa - a) \times (aa - a - a) + a \times (a + a + a)}{a \times a} \\ 100092 &:= \frac{(aaaaa + aa - a) \times (aa - a - a) + a \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 193 &:= \frac{(aaa - aa - a - a - a) \times (a + a) - a \times a}{a \times a} \\ 2193 &:= \frac{(aaaa - aa - a - a - a) \times (a + a) - a \times a}{a \times a} \\ 22193 &:= \frac{(aaaaa - aa - a - a - a) \times (a + a) - a \times a}{a \times a} \\ 222193 &:= \frac{(aaaaaa - aa - a - a - a) \times (a + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 194 &:= \frac{(aa + a + a + a + a) \times (aa + a + a) - a \times a}{a \times a} \\ 1694 &:= \frac{(aa + a + a + a + a) \times (aaa + a + a) - a \times a}{a \times a} \\ 16694 &:= \frac{(aa + a + a + a + a) \times (aaaa + a + a) - a \times a}{a \times a} \\ 166694 &:= \frac{(aa + a + a + a + a) \times (aaaaa + a + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 195 &:= \frac{(aa + a + a + a + a) \times (aa + a + a)}{a \times a} \\ 1695 &:= \frac{(aa + a + a + a + a) \times (aaa + a + a)}{a \times a} \\ 16695 &:= \frac{(aa + a + a + a + a) \times (aaaa + a + a)}{a \times a} \\ 166695 &:= \frac{(aa + a + a + a + a) \times (aaaaa + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 196 &:= \frac{aaa + aaa - aa - aa - a - a - a - a}{a} \\ 1196 &:= \frac{aaaa + aaa - aa - aa - a - a - a - a}{a} \\ 11196 &:= \frac{aaaaa + aaa - aa - aa - a - a - a - a}{a} \\ 111196 &:= \frac{aaaaaa + aaa - aa - aa - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 197 &:= \frac{aaa + aaa - aa - aa - a - a - a}{a} \\ 1197 &:= \frac{aaaa + aaa - aa - aa - a - a - a}{a} \\ 11197 &:= \frac{aaaaa + aaa - aa - aa - a - a - a}{a} \\ 111197 &:= \frac{aaaaaa + aaa - aa - aa - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 198 &:= \frac{(aa - a - a) \times (aa + aa)}{a \times a} \\ 1998 &:= \frac{(aa - a - a) \times (aaa + aaa)}{a \times a} \\ 19998 &:= \frac{(aa - a - a) \times (aaaa + aaaa)}{a \times a} \\ 199998 &:= \frac{(aa - a - a) \times (aaaaa + aaaaa)}{a \times a} \end{aligned}$$

$$\begin{aligned} 199 &:= \frac{aaa + aaa - aa - aa - a}{a} \\ 1199 &:= \frac{aaaa + aaa - aa - aa - a}{a} \\ 11199 &:= \frac{aaaaa + aaa - aa - aa - a}{a} \\ 111199 &:= \frac{aaaaaa + aaa - aa - aa - a}{a} \end{aligned}$$

$$\begin{aligned} 200 &:= \frac{aaa + aaa - aa - aa}{a} \\ 1200 &:= \frac{aaaa + aaa - aa - aa}{a} \\ 11200 &:= \frac{aaaaa + aaa - aa - aa}{a} \\ 111200 &:= \frac{aaaaaa + aaa - aa - aa}{a} \end{aligned}$$

$$\begin{aligned} 201 &:= \frac{aaaa \times (a + a) - aa \times a}{aa \times a} \\ 20201 &:= \frac{aaaaaa \times (a + a) - aa \times a}{aa \times a} \\ 2020201 &:= \frac{aaaaaaaa \times (a + a) - aa \times a}{aa \times a} \\ 202020201 &:= \frac{aaaaaaaaaa \times (a + a) - aa \times a}{aa \times a} \end{aligned}$$

$$\begin{aligned} 202 &:= \frac{(aaa - aa + a) \times (a + a)}{a \times a} \\ 2202 &:= \frac{(aaaa - aa + a) \times (a + a)}{a \times a} \\ 22202 &:= \frac{(aaaaa - aa + a) \times (a + a)}{a \times a} \\ 222202 &:= \frac{(aaaaaa - aa + a) \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 203 &:= \frac{aaaa \times (a + a) + a \times aa}{a \times aa} \\ 2020203 &:= \frac{aaaaaaaa \times (a + a) + a \times aa}{a \times aa} \\ 202020203 &:= \frac{aaaaaaaaaaaa \times (a + a) + a \times aa}{a \times aa} \\ 2020202020203 &:= \frac{aaaaaaaaaaaaaaaa \times (a + a) + a \times aa}{a \times aa} \end{aligned}$$

$$\begin{aligned} 204 &:= \frac{aaaa \times (a + a) + (a + a) \times aa}{a \times aa} \\ 20404 &:= \frac{aaaa \times (a + a) + (a + a) \times aaaaaa}{a \times aa} \\ 202020404 &:= \frac{aaaa \times (a + a) + (a + a) \times aaaaaaaaaa}{a \times aa} \\ 20202020404 &:= \frac{aaaa \times (a + a) + (a + a) \times aaaaaaaaaaaa}{a \times aa} \end{aligned}$$

$$\begin{aligned} 205 &:= \frac{aaa + aaa - aa - a - a - a - a - a - a}{a} \\ 1205 &:= \frac{aaaa + aaa - aa - a - a - a - a - a - a}{a} \\ 11205 &:= \frac{aaaaa + aaa - aa - a - a - a - a - a - a}{a} \\ 111205 &:= \frac{aaaaaa + aaa - aa - a - a - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 206 &:= \frac{aaa + aaa - aa - a - a - a - a - a}{a} \\ 1206 &:= \frac{aaaa + aaa - aa - a - a - a - a - a}{a} \\ 11206 &:= \frac{aaaaa + aaa - aa - a - a - a - a - a}{a} \\ 111206 &:= \frac{aaaaaa + aaa - aa - a - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 207 &:= \frac{aaa + aaa - aa - a - a - a - a}{a} \\ 1207 &:= \frac{aaaa + aaa - aa - a - a - a - a}{a} \\ 11207 &:= \frac{aaaaa + aaa - aa - a - a - a - a}{a} \\ 111207 &:= \frac{aaaaaa + aaa - aa - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 208 &:= \frac{aaa + aaa - aa - a - a - a}{a} \\ 1208 &:= \frac{aaaa + aaa - aa - a - a - a}{a} \\ 11208 &:= \frac{aaaaa + aaa - aa - a - a - a}{a} \\ 111208 &:= \frac{aaaaaa + aaa - aa - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 209 &:= \frac{aaa + aaa - aa - a - a}{a} \\ 1209 &:= \frac{aaaa + aaa - aa - a - a}{a} \\ 11209 &:= \frac{aaaaa + aaa - aa - a - a}{a} \\ 111209 &:= \frac{aaaaaa + aaa - aa - a - a}{a} \end{aligned}$$

$$\begin{aligned} 210 &:= \frac{(aa + aa - a) \times (aa - a)}{a \times a} \\ 1210 &:= \frac{(aaa + aa - a) \times (aa - a)}{a \times a} \\ 11210 &:= \frac{(aaaa + aa - a) \times (aa - a)}{a \times a} \\ 111210 &:= \frac{(aaaaa + aa - a) \times (aa - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 211 &:= \frac{aaa + aaa - aa}{a} \\ 1211 &:= \frac{aaaa + aaa - aa}{a} \\ 11211 &:= \frac{aaaaa + aaa - aa}{a} \\ 111211 &:= \frac{aaaaaa + aaa - aa}{a} \end{aligned}$$

$$\begin{aligned} 212 &:= \frac{aaa + aaa - aa + a}{a} \\ 1212 &:= \frac{aaaa + aaa - aa + a}{a} \\ 11212 &:= \frac{aaaaa + aaa - aa + a}{a} \\ 111212 &:= \frac{aaaaaa + aaa - aa + a}{a} \end{aligned}$$

$$\begin{aligned} 213 &:= \frac{aaa + aaa - aa + a + a}{a} \\ 1213 &:= \frac{aaaa + aaa - aa + a + a}{a} \\ 11213 &:= \frac{aaaaa + aaa - aa + a + a}{a} \\ 111213 &:= \frac{aaaaaa + aaa - aa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 214 &:= \frac{aaa + aaa - aa + a + a + a}{a} \\ 1214 &:= \frac{aaaa + aaa - aa + a + a + a}{a} \\ 11214 &:= \frac{aaaaa + aaa - aa + a + a + a}{a} \\ 111214 &:= \frac{aaaaaa + aaa - aa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 215 &:= \frac{aaa + aaa - aa + a + a + a + a}{a} \\ 1215 &:= \frac{aaaa + aaa - aa + a + a + a + a}{a} \\ 11215 &:= \frac{aaaaa + aaa - aa + a + a + a + a}{a} \\ 111215 &:= \frac{aaaaaa + aaa - aa + a + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 216 &:= \frac{aaa + aaa - aa + a + a + a + a + a}{a} \\ 1216 &:= \frac{aaaa + aaa - aa + a + a + a + a + a}{a} \\ 11216 &:= \frac{aaaaa + aaa - aa + a + a + a + a + a}{a} \\ 111216 &:= \frac{aaaaaa + aaa - aa + a + a + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 217 &:= \frac{aaa + aaa - aa + a + a + a + a + a + a}{a} \\ 1217 &:= \frac{aaaa + aaa - aa + a + a + a + a + a + a}{a} \\ 11217 &:= \frac{aaaaa + aaa - aa + a + a + a + a + a + a}{a} \\ 111217 &:= \frac{aaaaaa + aaa - aa + a + a + a + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 218 &:= \frac{aaa + aaa - a - a - a - a}{a} \\ 1218 &:= \frac{aaaa + aaa - a - a - a - a}{a} \\ 11218 &:= \frac{aaaaa + aaa - a - a - a - a}{a} \\ 111218 &:= \frac{aaaaaa + aaa - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 219 &:= \frac{aaa + aaa - a - a - a}{a} \\ 1219 &:= \frac{aaaa + aaa - a - a - a}{a} \\ 11219 &:= \frac{aaaaa + aaa - a - a - a}{a} \\ 111219 &:= \frac{aaaaaa + aaa - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 220 &:= \frac{aaa + aaa - a - a}{a} \\ 1220 &:= \frac{aaaa + aaa - a - a}{a} \\ 11220 &:= \frac{aaaaa + aaa - a - a}{a} \\ 111220 &:= \frac{aaaaaa + aaa - a - a}{a} \end{aligned}$$

$$\begin{aligned} 221 &:= \frac{aaa + aaa - a}{a} \\ 1221 &:= \frac{aaaa + aaa - a}{a} \\ 11221 &:= \frac{aaaaa + aaa - a}{a} \\ 111221 &:= \frac{aaaaaa + aaa - a}{a} \end{aligned}$$

$$\begin{aligned} 222 &:= \frac{aaa + aaa}{a} \\ 1222 &:= \frac{aaaa + aaa}{a} \\ 11222 &:= \frac{aaaaa + aaa}{a} \\ 111222 &:= \frac{aaaaaa + aaa}{a} \end{aligned}$$

$$\begin{aligned} 223 &:= \frac{aaa + aaa + a}{a} \\ 1223 &:= \frac{aaaa + aaa + a}{a} \\ 11223 &:= \frac{aaaaa + aaa + a}{a} \\ 111223 &:= \frac{aaaaaa + aaa + a}{a} \end{aligned}$$

$$\begin{aligned} 224 &:= \frac{aaa + aaa + a + a}{a} \\ 1224 &:= \frac{aaaa + aaa + a + a}{a} \\ 11224 &:= \frac{aaaaa + aaa + a + a}{a} \\ 111224 &:= \frac{aaaaaa + aaa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 225 &:= \frac{aaa + aaa + a + a + a}{a} \\ 1225 &:= \frac{aaaa + aaa + a + a + a}{a} \\ 11225 &:= \frac{aaaaa + aaa + a + a + a}{a} \\ 111225 &:= \frac{aaaaaa + aaa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 226 &:= \frac{aaa + aaa + a + a + a + a}{a} \\ 1226 &:= \frac{aaaa + aaa + a + a + a + a}{a} \\ 11226 &:= \frac{aaaaa + aaa + a + a + a + a}{a} \\ 111226 &:= \frac{aaaaaa + aaa + a + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 227 &:= \frac{aaa + aaa + a + a + a + a + a}{a} \\ 1227 &:= \frac{aaaa + aaa + a + a + a + a + a}{a} \\ 11227 &:= \frac{aaaaa + aaa + a + a + a + a + a}{a} \\ 111227 &:= \frac{aaaaaa + aaa + a + a + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 228 &:= \frac{aaa + aaa + aa - a - a - a - a - a}{a} \\ 1228 &:= \frac{aaaa + aaa + aa - a - a - a - a - a}{a} \\ 11228 &:= \frac{aaaaa + aaa + aa - a - a - a - a - a}{a} \\ 111228 &:= \frac{aaaaaa + aaa + aa - a - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 229 &:= \frac{aaa + aaa + aa - a - a - a - a}{a} \\ 1229 &:= \frac{aaaa + aaa + aa - a - a - a - a}{a} \\ 11229 &:= \frac{aaaaa + aaa + aa - a - a - a - a}{a} \\ 111229 &:= \frac{aaaaaa + aaa + aa - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 230 &:= \frac{aa + aaa + aaa - a - a - a}{a} \\ 1230 &:= \frac{aa + aaa + aaaa - a - a - a}{a} \\ 11230 &:= \frac{aa + aaa + aaaaa - a - a - a}{a} \\ 111230 &:= \frac{aa + aaa + aaaaaa - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 231 &:= \frac{aaa + aaa + aa - a - a}{a} \\ 1231 &:= \frac{aaaa + aaa + aa - a - a}{a} \\ 11231 &:= \frac{aaaaa + aaa + aa - a - a}{a} \\ 111231 &:= \frac{aaaaa + aaa + aa - a - a}{a} \end{aligned}$$

$$\begin{aligned} 232 &:= \frac{aaa + aaa + aa - a}{a} \\ 1232 &:= \frac{aaaa + aaa + aa - a}{a} \\ 11232 &:= \frac{aaaaa + aaa + aa - a}{a} \\ 111232 &:= \frac{aaaaa + aaa + aa - a}{a} \end{aligned}$$

$$\begin{aligned} 233 &:= \frac{aaa + aaa + aa}{a} \\ 1233 &:= \frac{aaaa + aaa + aa}{a} \\ 11233 &:= \frac{aaaaa + aaa + aa}{a} \\ 111233 &:= \frac{aaaaaa + aaa + aa}{a} \end{aligned}$$

$$\begin{aligned} 234 &:= \frac{aaa + aaa + aa + a}{a} \\ 1234 &:= \frac{aaaa + aaa + aa + a}{a} \\ 11234 &:= \frac{aaaaa + aaa + aa + a}{a} \\ 111234 &:= \frac{aaaaaa + aaa + aa + a}{a} \end{aligned}$$

$$\begin{aligned} 235 &:= \frac{aaa + aaa + aa + a + a}{a} \\ 1235 &:= \frac{aaaa + aaa + aa + a + a}{a} \\ 11235 &:= \frac{aaaaa + aaa + aa + a + a}{a} \\ 111235 &:= \frac{aaaaaa + aaa + aa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 236 &:= \frac{aaa + aaa + aa + a + a + a}{a} \\ 1236 &:= \frac{aaaa + aaa + aa + a + a + a}{a} \\ 11236 &:= \frac{aaaaa + aaa + aa + a + a + a}{a} \\ 111236 &:= \frac{aaaaaa + aaa + aa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 237 &:= \frac{aaa + aaa + aa + a + a + a + a}{a} \\ 1237 &:= \frac{aaaa + aaa + aa + a + a + a + a}{a} \\ 11237 &:= \frac{aaaaa + aaa + aa + a + a + a + a}{a} \\ 111237 &:= \frac{aaaaaa + aaa + aa + a + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 238 &:= \frac{(aa + aa) \times aa - a \times (a + a + a + a)}{a \times a} \\ 2438 &:= \frac{(aa + aa) \times aaa - a \times (a + a + a + a)}{a \times a} \\ 24438 &:= \frac{(aa + aa) \times aaaa - a \times (a + a + a + a)}{a \times a} \\ 244438 &:= \frac{(aa + aa) \times aaaaa - a \times (a + a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 239 &:= \frac{(aa + aa) \times aa - a \times (a + a + a)}{a \times a} \\ 2439 &:= \frac{(aa + aa) \times aaa - a \times (a + a + a)}{a \times a} \\ 24439 &:= \frac{(aa + aa) \times aaaa - a \times (a + a + a)}{a \times a} \\ 244439 &:= \frac{(aa + aa) \times aaaaa - a \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 240 &:= \frac{(aa + aa) \times aa - a \times (a + a)}{a \times a} \\ 2440 &:= \frac{(aa + aa) \times aaa - a \times (a + a)}{a \times a} \\ 24440 &:= \frac{(aa + aa) \times aaaa - a \times (a + a)}{a \times a} \\ 244440 &:= \frac{(aa + aa) \times aaaaa - a \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 241 &:= \frac{(aa + aa) \times aa - a \times a}{a \times a} \\ 2441 &:= \frac{(aa + aa) \times aaa - a \times a}{a \times a} \\ 24441 &:= \frac{(aa + aa) \times aaaa - a \times a}{a \times a} \\ 244441 &:= \frac{(aa + aa) \times aaaaa - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 242 &:= \frac{(aa + aa) \times aa}{a \times a} \\ 2442 &:= \frac{(aa + aa) \times aaa}{a \times a} \\ 24442 &:= \frac{(aa + aa) \times aaaa}{a \times a} \\ 244442 &:= \frac{(aa + aa) \times aaaaa}{a \times a} \end{aligned}$$

$$\begin{aligned} 243 &:= \frac{(aa + aa) \times aa + a \times a}{a \times a} \\ 2443 &:= \frac{(aa + aa) \times aaa + a \times a}{a \times a} \\ 24443 &:= \frac{(aa + aa) \times aaaa + a \times a}{a \times a} \\ 244443 &:= \frac{(aa + aa) \times aaaaa + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 244 &:= \frac{(aaa + aa) \times (a + a)}{a \times a} \\ 2244 &:= \frac{(aaaa + aa) \times (a + a)}{a \times a} \\ 22244 &:= \frac{(aaaaa + aa) \times (a + a)}{a \times a} \\ 222244 &:= \frac{(aaaaaa + aa) \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 245 &:= \frac{(aaa + aa) \times (a + a) + a \times a}{a \times a} \\ 2245 &:= \frac{(aaaa + aa) \times (a + a) + a \times a}{a \times a} \\ 22245 &:= \frac{(aaaaa + aa) \times (a + a) + a \times a}{a \times a} \\ 222245 &:= \frac{(aaaaaa + aa) \times (a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 246 &:= \frac{(aaa + a) \times (a + a) + (a + a) \times aa}{a \times a} \\ 2246 &:= \frac{(aaaa + a) \times (a + a) + (a + a) \times aa}{a \times a} \\ 22246 &:= \frac{(aaaaa + a) \times (a + a) + (a + a) \times aa}{a \times a} \\ 222246 &:= \frac{(aaaaaa + a) \times (a + a) + (a + a) \times aa}{a \times a} \end{aligned}$$

$$\begin{aligned} 247 &:= \frac{(aaa + aa + a) \times (a + a) + a \times a}{a \times a} \\ 2247 &:= \frac{(aaaa + aa + a) \times (a + a) + a \times a}{a \times a} \\ 22247 &:= \frac{(aaaaa + aa + a) \times (a + a) + a \times a}{a \times a} \\ 222247 &:= \frac{(aaaaaa + aa + a) \times (a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 248 &:= \frac{(aaa + aa + a + a) \times (a + a)}{a \times a} \\ 2248 &:= \frac{(aaaa + aa + a + a) \times (a + a)}{a \times a} \\ 22248 &:= \frac{(aaaaa + aa + a + a) \times (a + a)}{a \times a} \\ 222248 &:= \frac{(aaaaaa + aa + a + a) \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 249 &:= \frac{(aaa + aa + a + a) \times (a + a) + a \times a}{a \times a} \\ 2249 &:= \frac{(aaaa + aa + a + a) \times (a + a) + a \times a}{a \times a} \\ 22249 &:= \frac{(aaaaa + aa + a + a) \times (a + a) + a \times a}{a \times a} \\ 222249 &:= \frac{(aaaaaa + aa + a + a) \times (a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 250 &:= \frac{aaaa - aaa}{a + a + a + a} \\ 2500 &:= \frac{aaaaa - aaaa}{a + a + a + a} \\ 25000 &:= \frac{aaaaaa - aaaaa}{a + a + a + a} \\ 250000 &:= \frac{aaaaaaa - aaaaaa}{a + a + a + a} \end{aligned}$$

$$\begin{aligned} 251 &:= \frac{(aa + aa + a) \times aa - a \times (a + a)}{a \times a} \\ 2551 &:= \frac{(aa + aa + a) \times aaa - a \times (a + a)}{a \times a} \\ 25551 &:= \frac{(aa + aa + a) \times aaaa - a \times (a + a)}{a \times a} \\ 255551 &:= \frac{(aa + aa + a) \times aaaaa - a \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 252 &:= \frac{(aa + aa + a) \times aa - a \times a}{a \times a} \\ 2552 &:= \frac{(aa + aa + a) \times aaa - a \times a}{a \times a} \\ 25552 &:= \frac{(aa + aa + a) \times aaaa - a \times a}{a \times a} \\ 255552 &:= \frac{(aa + aa + a) \times aaaaa - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 253 &:= \frac{(aa + aa + a) \times aa}{a \times a} \\ 2553 &:= \frac{(aa + aa + a) \times aaa}{a \times a} \\ 25553 &:= \frac{(aa + aa + a) \times aaaa}{a \times a} \\ 255553 &:= \frac{(aa + aa + a) \times aaaaa}{a \times a} \end{aligned}$$

$$\begin{aligned} 254 &:= \frac{(aa + aa + a) \times aa + a \times a}{a \times a} \\ 2554 &:= \frac{(aa + aa + a) \times aaa + a \times a}{a \times a} \\ 25554 &:= \frac{(aa + aa + a) \times aaaa + a \times a}{a \times a} \\ 255554 &:= \frac{(aa + aa + a) \times aaaaa + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 255 &:= \frac{(aa + aa + a) \times aa + a \times (a + a)}{a \times a} \\ 2555 &:= \frac{(aa + aa + a) \times aaa + a \times (a + a)}{a \times a} \\ 25555 &:= \frac{(aa + aa + a) \times aaaa + a \times (a + a)}{a \times a} \\ 255555 &:= \frac{(aa + aa + a) \times aaaaa + a \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 256 &:= \frac{(aa + aa + a) \times aa + a \times (a + a + a)}{a \times a} \\ 2556 &:= \frac{(aa + aa + a) \times aaa + a \times (a + a + a)}{a \times a} \\ 25556 &:= \frac{(aa + aa + a) \times aaaa + a \times (a + a + a)}{a \times a} \\ 255556 &:= \frac{(aa + aa + a) \times aaaaa + a \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 257 &:= \frac{(aaa + aa + a) \times (a + a) + aa \times a}{a \times a} \\ 2257 &:= \frac{(aaaa + aa + a) \times (a + a) + aa \times a}{a \times a} \\ 22257 &:= \frac{(aaaaa + aa + a) \times (a + a) + aa \times a}{a \times a} \\ 222257 &:= \frac{(aaaaaa + aa + a) \times (a + a) + aa \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 258 &:= \frac{aaaa - a}{a + a + a} - \frac{aaa + a}{a} \\ 370258 &:= \frac{aaaaaaa - a}{a + a + a} - \frac{aaa + a}{a} \\ 370370258 &:= \frac{aaaaaaaaaaa - a}{a + a + a} - \frac{aaa + a}{a} \\ 370370370258 &:= \frac{aaaaaaaaaaaaa - a}{a + a + a} - \frac{aaa + a}{a} \end{aligned}$$



$$\begin{aligned} 259 &:= \frac{aaaa - a}{a + a + a} - \frac{aaa}{a} \\ 370259 &:= \frac{aaaaaaaa - a}{a + a + a} - \frac{aaa}{a} \\ 370370259 &:= \frac{aaaaaaaaaaa - a}{a + a + a} - \frac{aaa}{a} \\ 370370370259 &:= \frac{aaaaaaaaaaaaa - a}{a + a + a} - \frac{aaa}{a} \end{aligned}$$

$$\begin{aligned} 260 &:= \frac{(aa + a + a) \times (aa - a) \times (a + a)}{a \times a \times a} \\ 2260 &:= \frac{(aaa + a + a) \times (aa - a) \times (a + a)}{a \times a \times a} \\ 22260 &:= \frac{(aaaa + a + a) \times (aa - a) \times (a + a)}{a \times a \times a} \\ 222260 &:= \frac{(aaaaa + a + a) \times (aa - a) \times (a + a)}{a \times a \times a} \end{aligned}$$

$$\begin{aligned} 261 &:= \frac{(aa + aa) \times (aa + a) - (a + a + a) \times a}{a \times a} \\ 2661 &:= \frac{(aaa + aaa) \times (aa + a) - (a + a + a) \times a}{a \times a} \\ 26661 &:= \frac{(aaaa + aaaa) \times (aa + a) - (a + a + a) \times a}{a \times a} \\ 266661 &:= \frac{(aaaaa + aaaaa) \times (aa + a) - (a + a + a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 262 &:= \frac{(aa + aa) \times (aa + a) - (a + a) \times a}{a \times a} \\ 2662 &:= \frac{(aaa + aaa) \times (aa + a) - (a + a) \times a}{a \times a} \\ 26662 &:= \frac{(aaaa + aaaa) \times (aa + a) - (a + a) \times a}{a \times a} \\ 266662 &:= \frac{(aaaaa + aaaaa) \times (aa + a) - (a + a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 263 &:= \frac{(aa + aa) \times (aa + a) - a \times a}{a \times a} \\ 2663 &:= \frac{(aaa + aaa) \times (aa + a) - a \times a}{a \times a} \\ 26663 &:= \frac{(aaaa + aaaa) \times (aa + a) - a \times a}{a \times a} \\ 266663 &:= \frac{(aaaaa + aaaaa) \times (aa + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 264 &:= \frac{(aa + aa + a + a) \times aa}{a \times a} \\ 2664 &:= \frac{(aa + aa + a + a) \times aaa}{a \times a} \\ 26664 &:= \frac{(aa + aa + a + a) \times aaaa}{a \times a} \\ 266664 &:= \frac{(aa + aa + a + a) \times aaaaa}{a \times a} \end{aligned}$$

$$\begin{aligned} 265 &:= \frac{(aa + aa) \times (aa + a) + a \times a}{a \times a} \\ 2665 &:= \frac{(aaa + aaa) \times (aa + a) + a \times a}{a \times a} \\ 26665 &:= \frac{(aaaa + aaaa) \times (aa + a) + a \times a}{a \times a} \\ 266665 &:= \frac{(aaaaa + aaaaa) \times (aa + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 266 &:= \frac{(aaa + aa + a + aa - a) \times (a + a)}{a \times a} \\ 2266 &:= \frac{(aaaa + aa + a + aa - a) \times (a + a)}{a \times a} \\ 22266 &:= \frac{(aaaaa + aa + a + aa - a) \times (a + a)}{a \times a} \\ 222266 &:= \frac{(aaaaaa + aa + a + aa - a) \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 267 &:= \frac{(aa + aa) \times (aa + a) + (a + a + a) \times a}{a \times a} \\ 2667 &:= \frac{(aaa + aaa) \times (aa + a) + (a + a + a) \times a}{a \times a} \\ 26667 &:= \frac{(aaaa + aaaa) \times (aa + a) + (a + a + a) \times a}{a \times a} \\ 266667 &:= \frac{(aaaaa + aaaaa) \times (aa + a) + (a + a + a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 268 &:= \frac{(aaa + aa + a + aa) \times (a + a)}{a \times a} \\ 2268 &:= \frac{(aaaa + aa + a + aa) \times (a + a)}{a \times a} \\ 22268 &:= \frac{(aaaaa + aa + a + aa) \times (a + a)}{a \times a} \\ 222268 &:= \frac{(aaaaaa + aa + a + aa) \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 269 &:= \frac{(aaa + aa + a + aa + a) \times (a + a) - a \times a}{a \times a} \\ 2269 &:= \frac{(aaaa + aa + a + aa + a) \times (a + a) - a \times a}{a \times a} \\ 22269 &:= \frac{(aaaaa + aa + a + aa + a) \times (a + a) - a \times a}{a \times a} \\ 222269 &:= \frac{(aaaaaa + aa + a + aa + a) \times (a + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 270 &:= \frac{(aaa + aa + a + aa + a) \times (a + a)}{a \times a} \\ 2270 &:= \frac{(aaaa + aa + a + aa + a) \times (a + a)}{a \times a} \\ 22270 &:= \frac{(aaaaa + aa + a + aa + a) \times (a + a)}{a \times a} \\ 222270 &:= \frac{(aaaaaa + aa + a + aa + a) \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 271 &:= \frac{(aa + aa - a) \times (aa + a + a) - (a + a) \times a}{a \times a} \\ 2871 &:= \frac{(aaa + aaa - a) \times (aa + a + a) - (a + a) \times a}{a \times a} \\ 28871 &:= \frac{(aaaa + aaaa - a) \times (aa + a + a) - (a + a) \times a}{a \times a} \\ 288871 &:= \frac{(aaaaa + aaaaa - a) \times (aa + a + a) - (a + a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 272 &:= \frac{aaaa - aa - aa - a}{a + a + a + a} \\ 2772 &:= \frac{aaaaa - aa - aa - a}{a + a + a + a} \\ 27772 &:= \frac{aaaaa - aa - aa - a}{a + a + a + a} \\ 277772 &:= \frac{aaaaaaa - aa - aa - a}{a + a + a + a} \end{aligned}$$

$$\begin{aligned} 273 &:= \frac{(aa + aa - a) \times (aa + a + a)}{a \times a} \\ 2873 &:= \frac{(aaa + aaa - a) \times (aa + a + a)}{a \times a} \\ 28873 &:= \frac{(aaaa + aaaa - a) \times (aa + a + a)}{a \times a} \\ 288873 &:= \frac{(aaaaa + aaaaa - a) \times (aa + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 274 &:= \frac{(aa + aa + a + a + a) \times aa - a \times a}{a \times a} \\ 2774 &:= \frac{(aa + aa + a + a + a) \times aaa - a \times a}{a \times a} \\ 27774 &:= \frac{(aa + aa + a + a + a) \times aaaa - a \times a}{a \times a} \\ 277774 &:= \frac{(aa + aa + a + a + a) \times aaaaa - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 275 &:= \frac{aaaa - aa}{a + a + a + a} \\ 2775 &:= \frac{aaaaa - aa}{a + a + a + a} \\ 27775 &:= \frac{aaaaaaa - aa}{a + a + a + a} \\ 277775 &:= \frac{aaaaaaaa - aa}{a + a + a + a} \end{aligned}$$

$$\begin{aligned} 276 &:= \frac{(aa + aa + a) \times (aa + a)}{a \times a} \\ 2576 &:= \frac{(aa + aa + a) \times (aaa + a)}{a \times a} \\ 25576 &:= \frac{(aa + aa + a) \times (aaaa + a)}{a \times a} \\ 255576 &:= \frac{(aa + aa + a) \times (aaaaa + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 277 &:= \frac{aaaa - a - a - a}{a + a + a + a} \\ 2777 &:= \frac{aaaaa - a - a - a}{a + a + a + a} \\ 27777 &:= \frac{aaaaa - a - a - a}{a + a + a + a} \\ 277777 &:= \frac{aaaaaaa - a - a - a}{a + a + a + a} \end{aligned}$$

$$\begin{aligned} 278 &:= \frac{aaaa + a}{a + a + a + a} \\ 2778 &:= \frac{aaaaa + a}{a + a + a + a} \\ 27778 &:= \frac{aaaaaa + a}{a + a + a + a} \\ 277778 &:= \frac{aaaaaaa + a}{a + a + a + a} \end{aligned}$$

$$\begin{aligned} 279 &:= \frac{aaaa + a}{a + a + a + a} + \frac{a}{a} \\ 2779 &:= \frac{aaaaa + a}{a + a + a + a} + \frac{a}{a} \\ 27779 &:= \frac{aaaaaa + a}{a + a + a + a} + \frac{a}{a} \\ 277779 &:= \frac{aaaaaaa + a}{a + a + a + a} + \frac{a}{a} \end{aligned}$$

$$\begin{aligned} 280 &:= \frac{(aaa + a) \times (aa - a)}{(a + a) \times (a + a)} \\ 2780 &:= \frac{(aaaa + a) \times (aa - a)}{(a + a) \times (a + a)} \\ 27780 &:= \frac{(aaaaa + a) \times (aa - a)}{(a + a) \times (a + a)} \\ 277780 &:= \frac{(aaaaaa + a) \times (aa - a)}{(a + a) \times (a + a)} \end{aligned}$$

$$\begin{aligned} 281 &:= \frac{aaaa + aa + a + a}{a + a + a + a} \\ 2781 &:= \frac{aaaaa + aa + a + a}{a + a + a + a} \\ 27781 &:= \frac{aaaaaa + aa + a + a}{a + a + a + a} \\ 277781 &:= \frac{aaaaaaa + aa + a + a}{a + a + a + a} \end{aligned}$$

$$\begin{aligned} 282 &:= \frac{aaaa + aa + a + a}{a + a + a + a} + \frac{a}{a} \\ 2782 &:= \frac{aaaaa + aa + a + a}{a + a + a + a} + \frac{a}{a} \\ 27782 &:= \frac{aaaaaa + aa + a + a}{a + a + a + a} + \frac{a}{a} \\ 277782 &:= \frac{aaaaaaa + aa + a + a}{a + a + a + a} + \frac{a}{a} \end{aligned}$$

$$\begin{aligned} 283 &:= \frac{aaaa + aa + aa - a}{a + a + a + a} \\ 2783 &:= \frac{aaaaa + aa + aa - a}{a + a + a + a} \\ 27783 &:= \frac{aaaaaa + aa + aa - a}{a + a + a + a} \\ 277783 &:= \frac{aaaaaaa + aa + aa - a}{a + a + a + a} \end{aligned}$$

$$\begin{aligned} 284 &:= \frac{aaaa + a}{a + a + a + a} + \frac{aa + a}{a + a} \\ 2784 &:= \frac{aaaaa + a}{a + a + a + a} + \frac{aa + a}{a + a} \\ 27784 &:= \frac{aaaaaa + a}{a + a + a + a} + \frac{aa + a}{a + a} \\ 277784 &:= \frac{aaaaaaa + a}{a + a + a + a} + \frac{aa + a}{a + a} \end{aligned}$$

$$\begin{aligned} 285 &:= \frac{(aa + a + a) \times (aa + aa) - a \times a}{a \times a} \\ 2485 &:= \frac{(aaa + a + a) \times (aa + aa) - a \times a}{a \times a} \\ 24485 &:= \frac{(aaaa + a + a) \times (aa + aa) - a \times a}{a \times a} \\ 244485 &:= \frac{(aaaaa + a + a) \times (aa + aa) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 286 &:= \frac{(aa + a + a) \times (aa + aa)}{a \times a} \\ 2886 &:= \frac{(aa + a + a) \times (aaa + aaa)}{a \times a} \\ 28886 &:= \frac{(aa + a + a) \times (aaaa + aaaa)}{a \times a} \\ 288886 &:= \frac{(aa + a + a) \times (aaaaa + aaaaa)}{a \times a} \end{aligned}$$

$$\begin{aligned} 287 &:= \frac{(aa + a + a) \times (aa + aa) + a \times a}{a \times a} \\ 2487 &:= \frac{(aaa + a + a) \times (aa + aa) + a \times a}{a \times a} \\ 24487 &:= \frac{(aaaa + a + a) \times (aa + aa) + a \times a}{a \times a} \\ 244487 &:= \frac{(aaaaa + a + a) \times (aa + aa) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 288 &:= \frac{(aa + aa + a + a) \times (aa + a)}{a \times a} \\ 2688 &:= \frac{(aa + aa + a + a) \times (aaa + a)}{a \times a} \\ 26688 &:= \frac{(aa + aa + a + a) \times (aaaa + a)}{a \times a} \\ 266688 &:= \frac{(aa + aa + a + a) \times (aaaaa + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 289 &:= \frac{(aa + aa + a + a) \times (aa + a) + a \times a}{a \times a} \\ 2689 &:= \frac{(aa + aa + a + a) \times (aaa + a) + a \times a}{a \times a} \\ 26689 &:= \frac{(aa + aa + a + a) \times (aaaa + a) + a \times a}{a \times a} \\ 266689 &:= \frac{(aa + aa + a + a) \times (aaaaa + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 290 &:= \frac{(aaa + aa + aa + aa + a) \times (a + a)}{a \times a} \\ 2290 &:= \frac{(aaaa + aa + aa + aa + a) \times (a + a)}{a \times a} \\ 22290 &:= \frac{(aaaaa + aa + aa + aa + a) \times (a + a)}{a \times a} \\ 222290 &:= \frac{(aaaaaa + aa + aa + aa + a) \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 291 &:= \frac{aaaa \times (a + a + a) - (aa + a) \times aa}{a \times aa} \\ 30291 &:= \frac{aaaaaa \times (a + a + a) - (aa + a) \times aa}{a \times aa} \\ 3030291 &:= \frac{aaaaaaaa \times (a + a + a) - (aa + a) \times aa}{a \times aa} \\ 303030291 &:= \frac{aaaaaaaaaa \times (a + a + a) - (aa + a) \times aa}{a \times aa} \end{aligned}$$

$$\begin{aligned} 292 &:= \frac{aaaa \times (a + a + a) - aa \times aa}{a \times aa} \\ 30292 &:= \frac{aaaaaa \times (a + a + a) - aa \times aa}{a \times aa} \\ 3030292 &:= \frac{aaaaaaaa \times (a + a + a) - aa \times aa}{a \times aa} \\ 303030292 &:= \frac{aaaaaaaaaa \times (a + a + a) - aa \times aa}{a \times aa} \end{aligned}$$

$$\begin{aligned} 293 &:= \frac{(aaa - aa - a - a) \times (a + a + a) - a \times a}{a \times a} \\ 3293 &:= \frac{(aaaa - aa - a - a) \times (a + a + a) - a \times a}{a \times a} \\ 33293 &:= \frac{(aaaaa - aa - a - a) \times (a + a + a) - a \times a}{a \times a} \\ 333293 &:= \frac{(aaaaaa - aa - a - a) \times (a + a + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 294 &:= \frac{(aaa - aa - a - a) \times (a + a + a)}{a \times a} \\ 3294 &:= \frac{(aaaa - aa - a - a) \times (a + a + a)}{a \times a} \\ 33294 &:= \frac{(aaaaa - aa - a - a) \times (a + a + a)}{a \times a} \\ 333294 &:= \frac{(aaaaaa - aa - a - a) \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 295 &:= \frac{(aaa - aa - a - a) \times (a + a + a) + a \times a}{a \times a} \\ 3295 &:= \frac{(aaaa - aa - a - a) \times (a + a + a) + a \times a}{a \times a} \\ 33295 &:= \frac{(aaaaa - aa - a - a) \times (a + a + a) + a \times a}{a \times a} \\ 333295 &:= \frac{(aaaaaa - aa - a - a) \times (a + a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 296 &:= \frac{(aaa - aa - a) \times (a + a + a) - a \times a}{a \times a} \\ 3296 &:= \frac{(aaaa - aa - a) \times (a + a + a) - a \times a}{a \times a} \\ 33296 &:= \frac{(aaaaa - aa - a) \times (a + a + a) - a \times a}{a \times a} \\ 333296 &:= \frac{(aaaaaa - aa - a) \times (a + a + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 297 &:= \frac{(aaa - aa - a) \times (a + a + a)}{a \times a} \\ 3297 &:= \frac{(aaaa - aa - a) \times (a + a + a)}{a \times a} \\ 33297 &:= \frac{(aaaaa - aa - a) \times (a + a + a)}{a \times a} \\ 333297 &:= \frac{(aaaaaa - aa - a) \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 298 &:= \frac{(aaa - aa - a) \times (a + a + a) + a \times a}{a \times a} \\ 3298 &:= \frac{(aaaa - aa - a) \times (a + a + a) + a \times a}{a \times a} \\ 33298 &:= \frac{(aaaaa - aa - a) \times (a + a + a) + a \times a}{a \times a} \\ 333298 &:= \frac{(aaaaaa - aa - a) \times (a + a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 299 &:= \frac{(aaa - aa) \times (a + a + a) - a \times a}{a \times a} \\ 2999 &:= \frac{(aaaa - aaa) \times (a + a + a) - a \times a}{a \times a} \\ 29999 &:= \frac{(aaaaa - aaaa) \times (a + a + a) - a \times a}{a \times a} \\ 299999 &:= \frac{(aaaaaa - aaaaa) \times (a + a + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 300 &:= \frac{(aaa - aa) \times (a + a + a)}{a \times a} \\ 3000 &:= \frac{(aaaa - aaa) \times (a + a + a)}{a \times a} \\ 30000 &:= \frac{(aaaaa - aaaa) \times (a + a + a)}{a \times a} \\ 300000 &:= \frac{(aaaaaa - aaaaa) \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 301 &:= \frac{(aaa - aa) \times (a + a + a) + a \times a}{a \times a} \\ 3001 &:= \frac{(aaaa - aaa) \times (a + a + a) + a \times a}{a \times a} \\ 30001 &:= \frac{(aaaaa - aaaa) \times (a + a + a) + a \times a}{a \times a} \\ 300001 &:= \frac{(aaaaaa - aaaaa) \times (a + a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 302 &:= \frac{aaaa \times (a + a + a) - a \times aa}{a \times aa} \\ 30302 &:= \frac{aaaaaa \times (a + a + a) - a \times aa}{a \times aa} \\ 3030302 &:= \frac{aaaaaaaa \times (a + a + a) - a \times aa}{a \times aa} \\ 303030302 &:= \frac{aaaaaaaaaa \times (a + a + a) - a \times aa}{a \times aa} \end{aligned}$$

$$\begin{aligned} 303 &:= \frac{aaaa \times (a + a + a)}{aa \times a} \\ 30303 &:= \frac{aaaaaa \times (a + a + a)}{aa \times a} \\ 3030303 &:= \frac{aaaaaaaa \times (a + a + a)}{aa \times a} \\ 303030303 &:= \frac{aaaaaaaaaa \times (a + a + a)}{aa \times a} \end{aligned}$$

$$\begin{aligned} 304 &:= \frac{aaaa \times (a + a + a) + a \times aa}{a \times aa} \\ 30304 &:= \frac{aaaaaa \times (a + a + a) + a \times aa}{a \times aa} \\ 3030304 &:= \frac{aaaaaaaa \times (a + a + a) + a \times aa}{a \times aa} \\ 303030304 &:= \frac{aaaaaaaaaa \times (a + a + a) + a \times aa}{a \times aa} \end{aligned}$$

$$\begin{aligned} 305 &:= \frac{(aaa - aa + a) \times (a + a + a) + (a + a) \times a}{a \times a} \\ 3305 &:= \frac{(aaaa - aa + a) \times (a + a + a) + (a + a) \times a}{a \times a} \\ 33305 &:= \frac{(aaaaa - aa + a) \times (a + a + a) + (a + a) \times a}{a \times a} \\ 333305 &:= \frac{(aaaaaa - aa + a) \times (a + a + a) + (a + a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 306 &:= \frac{(aaaa + aa) \times (a + a + a)}{aa \times a} \\ 30306 &:= \frac{(aaaaaa + aa) \times (a + a + a)}{aa \times a} \\ 3030306 &:= \frac{(aaaaaaaa + aa) \times (a + a + a)}{aa \times a} \\ 303030306 &:= \frac{(aaaaaaaaaa + aa) \times (a + a + a)}{aa \times a} \end{aligned}$$

$$\begin{aligned} 307 &:= \frac{(aaa + a) \times aa - (a + a) \times (a + a)}{(a + a) \times (a + a)} \\ 3107 &:= \frac{(aaa + a) \times aaa - (a + a) \times (a + a)}{(a + a) \times (a + a)} \\ 31107 &:= \frac{(aaa + a) \times aaaa - (a + a) \times (a + a)}{(a + a) \times (a + a)} \\ 311107 &:= \frac{(aaa + a) \times aaaaa - (a + a) \times (a + a)}{(a + a) \times (a + a)} \end{aligned}$$

$$\begin{aligned} 308 &:= \frac{(aaa + a) \times aa}{(a + a) \times (a + a)} \\ 3058 &:= \frac{(aaaa + a) \times aa}{(a + a) \times (a + a)} \\ 30558 &:= \frac{(aaaaa + a) \times aa}{(a + a) \times (a + a)} \\ 305558 &:= \frac{(aaaaaa + a) \times aa}{(a + a) \times (a + a)} \end{aligned}$$

$$\begin{aligned} 309 &:= \frac{aaa + aaa + aaa - aa - aa - a - a}{a} \\ 1309 &:= \frac{aaaa + aaa + aaa - aa - aa - a - a}{a} \\ 11309 &:= \frac{aaaaa + aaa + aaa - aa - aa - a - a}{a} \\ 111309 &:= \frac{aaaaaa + aaa + aaa - aa - aa - a - a}{a} \end{aligned}$$

$$\begin{aligned} 310 &:= \frac{aaa + aaa + aaa - aa - aa - a}{a} \\ 1310 &:= \frac{aaaa + aaa + aaa - aa - aa - a}{a} \\ 11310 &:= \frac{aaaaa + aaa + aaa - aa - aa - a}{a} \\ 111310 &:= \frac{aaaaaa + aaa + aaa - aa - aa - a}{a} \end{aligned}$$

$$\begin{aligned} 311 &:= \frac{aaa + aaa + aaa - aa - aa}{a} \\ 1311 &:= \frac{aaaa + aaa + aaa - aa - aa}{a} \\ 11311 &:= \frac{aaaaa + aaa + aaa - aa - aa}{a} \\ 111311 &:= \frac{aaaaaa + aaa + aaa - aa - aa}{a} \end{aligned}$$

$$\begin{aligned} 312 &:= \frac{(aa + aa + a + a) \times (aa + a + a)}{a \times a} \\ 3192 &:= \frac{(aa + aa + a + a) \times (aaa + aa + aa)}{a \times a} \\ 31992 &:= \frac{(aa + aa + a + a) \times (aaaa + aaa + aaa)}{a \times a} \\ 319992 &:= \frac{(a + aa + a + a) \times (aaaaa + aaaa + aaaa)}{a \times a} \end{aligned}$$

$$\begin{aligned} 313 &:= \frac{aaaa \times (a + a) + aaa \times aa}{aa \times a} \\ 1313 &:= \frac{aaaa \times (a + a) + aaaa \times aa}{aa \times a} \\ 11313 &:= \frac{aaaa \times (a + a) + aaaaa \times aa}{aa \times a} \\ 111313 &:= \frac{aaaa \times (a + a) + aaaaaa \times aa}{aa \times a} \end{aligned}$$

$$\begin{aligned} 314 &:= \frac{aaaa \times (a + a) + (aaa + a) \times aa}{aa \times a} \\ 1314 &:= \frac{aaaa \times (a + a) + (aaaa + a) \times aa}{aa \times a} \\ 11314 &:= \frac{aaaa \times (a + a) + (aaaaa + a) \times aa}{aa \times a} \\ 111314 &:= \frac{aaaa \times (a + a) + (aaaaaa + a) \times aa}{aa \times a} \end{aligned}$$

$$\begin{aligned} 315 &:= \frac{aaaa \times (a + a) + (aaa + a + a) \times aa}{aa \times a} \\ 1315 &:= \frac{aaaa \times (a + a) + (aaaa + a + a) \times aa}{aa \times a} \\ 11315 &:= \frac{aaaa \times (a + a) + (aaaaa + a + a) \times aa}{aa \times a} \\ 111315 &:= \frac{aaaa \times (a + a) + (aaaaaa + a + a) \times aa}{aa \times a} \end{aligned}$$

$$\begin{aligned} 316 &:= \frac{aaaa \times (a + a) + (aaa + a + a + a) \times aa}{aa \times a} \\ 1316 &:= \frac{aaaa \times (a + a) + (aaaa + a + a + a) \times aa}{aa \times a} \\ 11316 &:= \frac{aaaa \times (a + a) + (aaaaa + a + a + a) \times aa}{aa \times a} \\ 111316 &:= \frac{aaaa \times (a + a) + (aaaaaa + a + a + a) \times aa}{aa \times a} \end{aligned}$$

$$\begin{aligned} 317 &:= \frac{(aaaa + aa) \times (a + a + a) + aa \times aa}{a \times aa} \\ 30317 &:= \frac{(aaaaaa + aa) \times (a + a + a) + aa \times aa}{a \times aa} \\ 3030317 &:= \frac{(aaaaaaaa + aa) \times (a + a + a) + aa \times aa}{a \times aa} \\ 303030317 &:= \frac{(aaaaaaaaaa + aa) \times (a + a + a) + aa \times aa}{a \times aa} \end{aligned}$$

$$\begin{aligned} 318 &:= \frac{(aaa - a) \times (a + a + a) - (aa + a) \times a}{a \times a} \\ 3318 &:= \frac{(aaaa - a) \times (a + a + a) - (aa + a) \times a}{a \times a} \\ 33318 &:= \frac{(aaaaa - a) \times (a + a + a) - (aa + a) \times a}{a \times a} \\ 333318 &:= \frac{(aaaaaa - a) \times (a + a + a) - (aa + a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 319 &:= \frac{(aaa - a) \times (a + a + a) - aa \times a}{a \times a} \\ 3319 &:= \frac{(aaaa - a) \times (a + a + a) - aa \times a}{a \times a} \\ 33319 &:= \frac{(aaaaa - a) \times (a + a + a) - aa \times a}{a \times a} \\ 333319 &:= \frac{(aaaaaa - a) \times (a + a + a) - aa \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 320 &:= \frac{aaa + aaa + aaa - aa - a - a}{a} \\ 1320 &:= \frac{aaaa + aaa + aaa - aa - a - a}{a} \\ 11320 &:= \frac{aaaaa + aaa + aaa - aa - a - a}{a} \\ 111320 &:= \frac{aaaaaa + aaa + aaa - aa - a - a}{a} \end{aligned}$$

$$\begin{aligned} 321 &:= \frac{aaa + aaa + aaa - aa - a}{a} \\ 1321 &:= \frac{aaaa + aaa + aaa - aa - a}{a} \\ 11321 &:= \frac{aaaaa + aaa + aaa - aa - a}{a} \\ 111321 &:= \frac{aaaaaa + aaa + aaa - aa - a}{a} \end{aligned}$$

$$\begin{aligned} 322 &:= \frac{aaa + aaa + aaa - aa}{a} \\ 1322 &:= \frac{aaaa + aaa + aaa - aa}{a} \\ 11322 &:= \frac{aaaaa + aaa + aaa - aa}{a} \\ 111322 &:= \frac{aaaaaa + aaa + aaa - aa}{a} \end{aligned}$$

$$\begin{aligned} 323 &:= \frac{aaa + aaa + aaa - aa + a}{a} \\ 1323 &:= \frac{aaaa + aaa + aaa - aa + a}{a} \\ 11323 &:= \frac{aaaaa + aaa + aaa - aa + a}{a} \\ 111323 &:= \frac{aaaaaa + aaa + aaa - aa + a}{a} \end{aligned}$$

$$\begin{aligned} 324 &:= \frac{(aaa + a) \times (a + a + a) - aa \times a}{a \times a} \\ 3324 &:= \frac{(aaaa + a) \times (a + a + a) - aa \times a}{a \times a} \\ 33324 &:= \frac{(aaaaa + a) \times (a + a + a) - aa \times a}{a \times a} \\ 333324 &:= \frac{(aaaaaa + a) \times (a + a + a) - aa \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 325 &:= \frac{(aaa + a) \times (a + a + a) - aa \times a}{a \times a} \\ 3325 &:= \frac{(aaaa + a) \times (a + a + a) - aa \times a}{a \times a} \\ 33325 &:= \frac{(aaaaa + a) \times (a + a + a) - aa \times a}{a \times a} \\ 333325 &:= \frac{(aaaaaa + a) \times (a + a + a) - aa \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 326 &:= \frac{(aaa - a - a) \times (a + a + a) - a \times a}{a \times a} \\ 3326 &:= \frac{(aaaa - a - a) \times (a + a + a) - a \times a}{a \times a} \\ 33326 &:= \frac{(aaaaa - a - a) \times (a + a + a) - a \times a}{a \times a} \\ 333326 &:= \frac{(aaaaaa - a - a) \times (a + a + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 327 &:= \frac{(aaa - a - a) \times (a + a + a)}{a \times a} \\ 3327 &:= \frac{(aaaa - a - a) \times (a + a + a)}{a \times a} \\ 33327 &:= \frac{(aaaaa - a - a) \times (a + a + a)}{a \times a} \\ 333327 &:= \frac{(aaaaaa - a - a) \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 328 &:= \frac{(aaa - a - a) \times (a + a + a) + a \times a}{a \times a} \\ 3328 &:= \frac{(aaaa - a - a) \times (a + a + a) + a \times a}{a \times a} \\ 33328 &:= \frac{(aaaaa - a - a) \times (a + a + a) + a \times a}{a \times a} \\ 333328 &:= \frac{(aaaaaa - a - a) \times (a + a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 329 &:= \frac{(aaa - a) \times (a + a + a) - a \times a}{a \times a} \\ 3399 &:= \frac{(aaaa - a) \times (a + a + a) - a \times a}{a \times a} \\ 33399 &:= \frac{(aaaaa - a) \times (a + a + a) - a \times a}{a \times a} \\ 333399 &:= \frac{(aaaaaa - a) \times (a + a + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 330 &:= \frac{(aa + aa + aa) \times (aa - a)}{a \times a} \\ 3630 &:= \frac{(aa + aa + aa) \times (aaa - a)}{a \times a} \\ 36630 &:= \frac{(aa + aa + aa) \times (aaaa - a)}{a \times a} \\ 366630 &:= \frac{(aa + aa + aa) \times (aaaaa - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 331 &:= \frac{aaa + aaa + aaa - a - a}{a} \\ 1331 &:= \frac{aaa + aaa + aaaa - a - a}{a} \\ 11331 &:= \frac{aaa + aaa + aaaaa - a - a}{a} \\ 111331 &:= \frac{aaa + aaa + aaaaaa - a - a}{a} \end{aligned}$$

$$\begin{aligned} 332 &:= \frac{aaa + aaa + aaa - a}{a} \\ 1332 &:= \frac{aaa + aaa + aaaa - a}{a} \\ 11332 &:= \frac{aaa + aaa + aaaaa - a}{a} \\ 111332 &:= \frac{aaa + aaa + aaaaaa - a}{a} \end{aligned}$$

$$\begin{aligned} 333 &:= \frac{(a + a + a) \times aaa}{a \times a} \\ 3333 &:= \frac{(a + a + a) \times aaaa}{a \times a} \\ 33333 &:= \frac{(a + a + a) \times aaaaa}{a \times a} \\ 333333 &:= \frac{(a + a + a) \times aaaaaa}{a \times a} \end{aligned}$$

$$\begin{aligned} 334 &:= \frac{aaa + aaa + aaa + a}{a} \\ 1334 &:= \frac{aaa + aaa + aaaa + a}{a} \\ 11334 &:= \frac{aaa + aaa + aaaaa + a}{a} \\ 111334 &:= \frac{aaa + aaa + aaaaaa + a}{a} \end{aligned}$$

$$\begin{aligned} 335 &:= \frac{aaa + aaa + aaa + a + a}{a} \\ 1335 &:= \frac{aaa + aaa + aaaa + a + a}{a} \\ 11335 &:= \frac{aaa + aaa + aaaaa + a + a}{a} \\ 111335 &:= \frac{aaa + aaa + aaaaaa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 336 &:= \frac{aaa + aaa + aaa + a + a + a}{a} \\ 1336 &:= \frac{aaa + aaa + aaaa + a + a + a}{a} \\ 11336 &:= \frac{aaa + aaa + aaaaa + a + a + a}{a} \\ 111336 &:= \frac{aaa + aaa + aaaaaa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 337 &:= \frac{(aaa + a) \times (a + a + a) + a \times a}{a \times a} \\ 3337 &:= \frac{(aaaa + a) \times (a + a + a) + a \times a}{a \times a} \\ 33337 &:= \frac{(aaaaa + a) \times (a + a + a) + a \times a}{a \times a} \\ 333337 &:= \frac{(aaaaaa + a) \times (a + a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 338 &:= \frac{(aaa + a) \times (a + a + a) + (a + a) \times a}{a \times a} \\ 3338 &:= \frac{(aaaa + a) \times (a + a + a) + (a + a) \times a}{a \times a} \\ 33338 &:= \frac{(aaaaa + a) \times (a + a + a) + (a + a) \times a}{a \times a} \\ 333338 &:= \frac{(aaaaaa + a) \times (a + a + a) + (a + a) \times a}{a \times a} \end{aligned}$$



$$\begin{aligned} 339 &:= \frac{(aaa + a + a) \times (a + a + a)}{a \times a} \\ 3339 &:= \frac{(aaaa + a + a) \times (a + a + a)}{a \times a} \\ 33339 &:= \frac{(aaaaa + a + a) \times (a + a + a)}{a \times a} \\ 333339 &:= \frac{(aaaaaa + a + a) \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 340 &:= \frac{(aa + aa + aa + a) \times (aa - a)}{a \times a} \\ 1340 &:= \frac{(aaa + aa + aa + a) \times (aa - a)}{a \times a} \\ 11340 &:= \frac{(aaaa + aa + aa + a) \times (aa - a)}{a \times a} \\ 111340 &:= \frac{(aaaaa + aa + aa + a) \times (aa - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 341 &:= \frac{(aa + aa + aa - a - a) \times aa}{a \times a} \\ 3441 &:= \frac{(aa + aa + aa - a - a) \times aaa}{a \times a} \\ 34441 &:= \frac{(aa + aa + aa - a - a) \times aaaa}{a \times a} \\ 344441 &:= \frac{(aa + aa + aa - a - a) \times aaaaa}{a \times a} \end{aligned}$$

$$\begin{aligned} 342 &:= \frac{(aaa + a + a + a) \times (a + a + a)}{a \times a} \\ 3342 &:= \frac{(aaaa + a + a + a) \times (a + a + a)}{a \times a} \\ 33342 &:= \frac{(aaaaa + a + a + a) \times (a + a + a)}{a \times a} \\ 333342 &:= \frac{(aaaaaa + a + a + a) \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 343 &:= \frac{aaa + aaa + aaa + aa - a}{a} \\ 1343 &:= \frac{aaaa + aaa + aaa + aa - a}{a} \\ 11343 &:= \frac{aaaaa + aaa + aaa + aa - a}{a} \\ 111343 &:= \frac{aaaaaa + aaa + aaa + aa - a}{a} \end{aligned}$$

$$\begin{aligned} 344 &:= \frac{aaa + aaa + aaa + aa}{a} \\ 1344 &:= \frac{aaaa + aaa + aaa + aa}{a} \\ 11344 &:= \frac{aaaaa + aaa + aaa + aa}{a} \\ 111344 &:= \frac{aaaaaa + aaa + aaa + aa}{a} \end{aligned}$$

$$\begin{aligned} 345 &:= \frac{aaa + aaa + aaa + aa + a}{a} \\ 1345 &:= \frac{aaaa + aaa + aaa + aa + a}{a} \\ 11345 &:= \frac{aaaaa + aaa + aaa + aa + a}{a} \\ 111345 &:= \frac{aaaaaa + aaa + aaa + aa + a}{a} \end{aligned}$$

$$\begin{aligned} 346 &:= \frac{aaa + aaa + aaa + aa + a + a}{a} \\ 1346 &:= \frac{aaaa + aaa + aaa + aa + a + a}{a} \\ 11346 &:= \frac{aaaaa + aaa + aaa + aa + a + a}{a} \\ 111346 &:= \frac{aaaaaa + aaa + aaa + aa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 347 &:= \frac{(aaa + a) \times (a + a + a) + aa \times a}{a \times a} \\ 3347 &:= \frac{(aaaa + a) \times (a + a + a) + aa \times a}{a \times a} \\ 33347 &:= \frac{(aaaaa + a) \times (a + a + a) + aa \times a}{a \times a} \\ 333347 &:= \frac{(aaaaaa + a) \times (a + a + a) + aa \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 348 &:= \frac{(aaa + a) \times (a + a + a) + (aa + a) \times a}{a \times a} \\ 1348 &:= \frac{(aaaa + a) \times (a + a + a) + (aa + a) \times a}{a \times a} \\ 11348 &:= \frac{(aaaaa + a) \times (a + a + a) + (aa + a) \times a}{a \times a} \\ 111348 &:= \frac{(aaaaaa + a) \times (a + a + a) + (aa + a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} \mathbf{349} &:= \frac{(aaa + a) \times (a + a + a) + (aa + a + a) \times a}{a \times a} \\ \mathbf{3349} &:= \frac{(aaaa + a) \times (a + a + a) + (aa + a + a) \times a}{a \times a} \\ \mathbf{33349} &:= \frac{(aaaaa + a) \times (a + a + a) + (aa + a + a) \times a}{a \times a} \\ \mathbf{333349} &:= \frac{(aaaaaa + a) \times (a + a + a) + (aa + a + a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} \mathbf{350} &:= \frac{(aa + aa) \times aa + (aaa - a - a - a) \times a}{a \times a} \\ \mathbf{1350} &:= \frac{(aa + aa) \times aa + (aaaa - a - a - a) \times a}{a \times a} \\ \mathbf{11350} &:= \frac{(aa + aa) \times aa + (aaaaa - a - a - a) \times a}{a \times a} \\ \mathbf{111350} &:= \frac{(aa + aa) \times aa + (aaaaaa - a - a - a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} \mathbf{351} &:= \frac{(aa + aa) \times aa + (aaa - a - a) \times a}{a \times a} \\ \mathbf{1351} &:= \frac{(aa + aa) \times aa + (aaaa - a - a) \times a}{a \times a} \\ \mathbf{11351} &:= \frac{(aa + aa) \times aa + (aaaaa - a - a) \times a}{a \times a} \\ \mathbf{111351} &:= \frac{(aa + aa) \times aa + (aaaaaa - a - a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} \mathbf{352} &:= \frac{(aa + aa) \times aa + (aaa - a) \times a}{a \times a} \\ \mathbf{1352} &:= \frac{(aa + aa) \times aa + (aaaa - a) \times a}{a \times a} \\ \mathbf{11352} &:= \frac{(aa + aa) \times aa + (aaaaa - a) \times a}{a \times a} \\ \mathbf{111352} &:= \frac{(aa + aa) \times aa + (aaaaaa - a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} \mathbf{353} &:= \frac{(aa + aa) \times aa + aaa \times a}{a \times a} \\ \mathbf{1353} &:= \frac{(aa + aa) \times aa + aaaa \times a}{a \times a} \\ \mathbf{11353} &:= \frac{(aa + aa) \times aa + aaaaa \times a}{a \times a} \\ \mathbf{111353} &:= \frac{(aa + aa) \times aa + aaaaaa \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} \mathbf{354} &:= \frac{aaa + aaa + aaa + aa + aa - a}{a} \\ \mathbf{1354} &:= \frac{aaaa + aaa + aaa + aa + aa - a}{a} \\ \mathbf{11354} &:= \frac{aaaaa + aaa + aaa + aa + aa - a}{a} \\ \mathbf{111354} &:= \frac{aaaaaa + aaa + aaa + aa + aa - a}{a} \end{aligned}$$

$$\begin{aligned} \mathbf{355} &:= \frac{aaa + aaa + aaa + aa + aa}{a} \\ \mathbf{1355} &:= \frac{aaaa + aaa + aaa + aa + aa}{a} \\ \mathbf{11355} &:= \frac{aaaaa + aaa + aaa + aa + aa}{a} \\ \mathbf{111355} &:= \frac{aaaaaa + aaa + aaa + aa + aa}{a} \end{aligned}$$

$$\begin{aligned} \mathbf{356} &:= \frac{aaa + aaa + aaa + aa + aa + a}{a} \\ \mathbf{1356} &:= \frac{aaaa + aaa + aaa + aa + aa + a}{a} \\ \mathbf{11356} &:= \frac{aaaaa + aaa + aaa + aa + aa + a}{a} \\ \mathbf{111356} &:= \frac{aaaaaa + aaa + aaa + aa + aa + a}{a} \end{aligned}$$

$$\begin{aligned} \mathbf{357} &:= \frac{(aaa + aa + a) \times (a + a) + aaa \times a}{a \times a} \\ \mathbf{1357} &:= \frac{(aaa + aa + a) \times (a + a) + aaaa \times a}{a \times a} \\ \mathbf{11357} &:= \frac{(aaa + aa + a) \times (a + a) + aaaaa \times a}{a \times a} \\ \mathbf{111357} &:= \frac{(aaa + aa + a) \times (a + a) + aaaaaa \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} \mathbf{358} &:= \frac{(aaa + aa + a) \times (a + a) + (aaa + a) \times a}{a \times a} \\ \mathbf{1358} &:= \frac{(aaa + aa + a) \times (a + a) + (aaaa + a) \times a}{a \times a} \\ \mathbf{11358} &:= \frac{(aaa + aa + a) \times (a + a) + (aaaaa + a) \times a}{a \times a} \\ \mathbf{111358} &:= \frac{(aaa + aa + a) \times (a + a) + (aaaaaa + a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 359 &:= \frac{aaaa - aa - aa - aa - a}{a + a + a} \\ 370359 &:= \frac{aaaaaaaa - aa - aa - aa - a}{a + a + a} \\ 370370359 &:= \frac{aaaaaaaaaaa - aa - aa - aa - a}{a + a + a} \\ 370370370359 &:= \frac{aaaaaaaaaaaaa - aa - aa - aa - a}{a + a + a} \end{aligned}$$

$$\begin{aligned} 360 &:= \frac{(aaa + aa - a - a) \times (a + a + a)}{a \times a} \\ 3360 &:= \frac{(aaaa + aa - a - a) \times (a + a + a)}{a \times a} \\ 33360 &:= \frac{(aaaaa + aa - a - a) \times (a + a + a)}{a \times a} \\ 333360 &:= \frac{(aaaaaa + aa - a - a) \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 361 &:= \frac{(aaa + aa - a - a) \times (a + a + a) + a \times a}{a \times a} \\ 3361 &:= \frac{(aaaa + aa - a - a) \times (a + a + a) + a \times a}{a \times a} \\ 33361 &:= \frac{(aaaaa + aa - a - a) \times (a + a + a) + a \times a}{a \times a} \\ 333361 &:= \frac{(aaaaaa + aa - a - a) \times (a + a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 362 &:= \frac{(aa + aa + aa) \times aa - a \times a}{a \times a} \\ 3662 &:= \frac{(aa + aa + aa) \times aaa - a \times a}{a \times a} \\ 36662 &:= \frac{(aa + aa + aa) \times aaaa - a \times a}{a \times a} \\ 366662 &:= \frac{(aa + aa + aa) \times aaaaa - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 363 &:= \frac{(aa + aa + aa) \times aa}{a \times a} \\ 3663 &:= \frac{(aa + aa + aa) \times aaa}{a \times a} \\ 36663 &:= \frac{(aa + aa + aa) \times aaaa}{a \times a} \\ 366663 &:= \frac{(aa + aa + aa) \times aaaaa}{a \times a} \end{aligned}$$

$$\begin{aligned} 364 &:= \frac{(aa + aa + aa) \times aa + a \times a}{a \times a} \\ 3664 &:= \frac{(aa + aa + aa) \times aaa + a \times a}{a \times a} \\ 36664 &:= \frac{(aa + aa + aa) \times aaaa + a \times a}{a \times a} \\ 366664 &:= \frac{(aa + aa + aa) \times aaaaa + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 365 &:= \frac{(aaa + aa) \times (a + a + a) - a \times a}{a \times a} \\ 3365 &:= \frac{(aaaa + aa) \times (a + a + a) - a \times a}{a \times a} \\ 33365 &:= \frac{(aaaaa + aa) \times (a + a + a) - a \times a}{a \times a} \\ 333365 &:= \frac{(aaaaaa + aa) \times (a + a + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 366 &:= \frac{(aaa + aa) \times (a + a + a)}{a \times a} \\ 3366 &:= \frac{(aaaa + aa) \times (a + a + a)}{a \times a} \\ 33366 &:= \frac{(aaaaa + aa) \times (a + a + a)}{a \times a} \\ 333366 &:= \frac{(aaaaaa + aa) \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 367 &:= \frac{(aaa + aa) \times (a + a + a) + a \times a}{a \times a} \\ 3367 &:= \frac{(aaaa + aa) \times (a + a + a) + a \times a}{a \times a} \\ 33367 &:= \frac{(aaaaa + aa) \times (a + a + a) + a \times a}{a \times a} \\ 333367 &:= \frac{(aaaaaa + aa) \times (a + a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 368 &:= \frac{(aaa + aa) \times (a + a + a) + a \times (a + a)}{a \times a} \\ 3368 &:= \frac{(aaaa + aa) \times (a + a + a) + a \times (a + a)}{a \times a} \\ 33368 &:= \frac{(aaaaa + aa) \times (a + a + a) + a \times (a + a)}{a \times a} \\ 333368 &:= \frac{(aaaaaa + aa) \times (a + a + a) + a \times (a + a)}{a \times a} \end{aligned}$$

$$369 := \frac{aaaa - a - a - a - a}{a + a + a}$$

$$3699 := \frac{aaaaa - aa - a - a - a}{a + a + a}$$

$$36999 := \frac{aaaaaa - aaa - a - a - a}{a + a + a}$$

$$369999 := \frac{aaaaaaa - aaaa - a - a - a}{a + a + a}$$

$$370 := \frac{aaaa - a}{a + a + a}$$

$$3700 := \frac{aaaaa - aa}{a + a + a}$$

$$37000 := \frac{aaaaaa - aaa}{a + a + a}$$

$$370000 := \frac{aaaaaaa - aaaa}{a + a + a}$$

$$371 := \frac{(aaa + aa + a + a) \times (a + a + a) - a \times a}{a \times a}$$

$$3371 := \frac{(aaaa + aa + a + a) \times (a + a + a) - a \times a}{a \times a}$$

$$33371 := \frac{(aaaaa + aa + a + a) \times (a + a + a) - a \times a}{a \times a}$$

$$333371 := \frac{(aaaaaa + aa + a + a) \times (a + a + a) - a \times a}{a \times a}$$

$$372 := \frac{(aaa + aa + a + a) \times (a + a + a)}{a \times a}$$

$$3372 := \frac{(aaaa + aa + a + a) \times (a + a + a)}{a \times a}$$

$$33372 := \frac{(aaaaa + aa + a + a) \times (a + a + a)}{a \times a}$$

$$333372 := \frac{(aaaaaa + aa + a + a) \times (a + a + a)}{a \times a}$$

$$373 := \frac{(aa + aa + aa + a) \times aa - a \times a}{a \times a}$$

$$3773 := \frac{(aa + aa + aa + a) \times aaa - a \times a}{a \times a}$$

$$37773 := \frac{(aa + aa + aa + a) \times aaaa - a \times a}{a \times a}$$

$$377773 := \frac{(aa + aa + aa + a) \times aaaaa - a \times a}{a \times a}$$

$$374 := \frac{(aa + aa + aa + a) \times aa}{a \times a}$$

$$3774 := \frac{(aa + aa + aa + a) \times aaa}{a \times a}$$

$$37774 := \frac{(aa + aa + aa + a) \times aaaa}{a \times a}$$

$$377774 := \frac{(aa + aa + aa + a) \times aaaaa}{a \times a}$$

$$375 := \frac{(aa + aa + aa + a) \times aa + a \times a}{a \times a}$$

$$3775 := \frac{(aa + aa + aa + a) \times aaa + a \times a}{a \times a}$$

$$37775 := \frac{(aa + aa + aa + a) \times aaaa + a \times a}{a \times a}$$

$$377775 := \frac{(aa + aa + aa + a) \times aaaaa + a \times a}{a \times a}$$

$$376 := \frac{(aa + aa + aa + a) \times aa + a \times (a + a)}{a \times a}$$

$$3776 := \frac{(aa + aa + aa + a) \times aaa + a \times (a + a)}{a \times a}$$

$$37776 := \frac{(aa + aa + aa + a) \times aaaa + a \times (a + a)}{a \times a}$$

$$377776 := \frac{(aa + aa + aa + a) \times aaaaa + a \times (a + a)}{a \times a}$$

$$377 := \frac{(aa + aa + aa + a) \times aa + a \times (a + a + a)}{a \times a}$$

$$3777 := \frac{(aa + aa + aa + a) \times aaa + a \times (a + a + a)}{a \times a}$$

$$37777 := \frac{(aa + aa + aa + a) \times aaaa + a \times (a + a + a)}{a \times a}$$

$$377777 := \frac{(aa + aa + aa + a) \times aaaaa + a \times (a + a + a)}{a \times a}$$

$$378 := \frac{aaaa + aa + aa + a}{a + a + a}$$

$$370378 := \frac{aaaaaaa + aa + aa + a}{a + a + a}$$

$$370370378 := \frac{aaaaaaaaaaa + aa + aa + a}{a + a + a}$$

$$370370370378 := \frac{aaaaaaaaaaaaaaa + aa + aa + a}{a + a + a}$$

$$\begin{aligned} 379 &:= \frac{aaaa + a}{a + a + a + a} + \frac{aaaa}{aa} \\ 10379 &:= \frac{aaaa + a}{a + a + a + a} + \frac{aaaaaa}{aa} \\ 1010379 &:= \frac{aaaa + a}{a + a + a + a} + \frac{aaaaaaaa}{aa} \\ 101010379 &:= \frac{aaaa + a}{a + a + a + a} + \frac{aaaaaaaaaaaa}{aa} \end{aligned}$$

$$\begin{aligned} 380 &:= \frac{aaaa - a}{a + a + a} + \frac{aa - a}{a} \\ 3810 &:= \frac{aaaaa - aa}{a + a + a} + \frac{aaa - a}{a} \\ 38110 &:= \frac{aaaaaa - aaa}{a + a + a} + \frac{aaaa - a}{a} \\ 381110 &:= \frac{aaaaaaa - aaaa}{a + a + a} + \frac{aaaaa - a}{a} \end{aligned}$$

$$\begin{aligned} 381 &:= \frac{aaaa - a}{a + a + a} + \frac{aa}{a} \\ 3811 &:= \frac{aaaaa - aa}{a + a + a} + \frac{aaa}{a} \\ 38111 &:= \frac{aaaaaa - aaa}{a + a + a} + \frac{aaaa}{a} \\ 381111 &:= \frac{aaaaaaa - aaaa}{a + a + a} + \frac{aaaaa}{a} \end{aligned}$$

$$\begin{aligned} 382 &:= \frac{aaaa - a}{a + a + a} + \frac{aa + a}{a} \\ 3812 &:= \frac{aaaaa - aa}{a + a + a} + \frac{aaa + a}{a} \\ 38112 &:= \frac{aaaaaa - aaa}{a + a + a} + \frac{aaaa + a}{a} \\ 381112 &:= \frac{aaaaaaa - aaaa}{a + a + a} + \frac{aaaaa + a}{a} \end{aligned}$$

$$\begin{aligned} 383 &:= \frac{aaaa - aaa - aaa - aaa - aa - a}{a + a} \\ 5383 &:= \frac{aaaaa - aaa - aaa - aaa - aa - a}{a + a} \\ 55383 &:= \frac{aaaaaa - aaa - aaa - aaa - aa - a}{a + a} \\ 555383 &:= \frac{aaaaaaa - aaa - aaa - aaa - aa - a}{a + a} \end{aligned}$$

$$\begin{aligned} 384 &:= \frac{(aa + aa + aa - a) \times (aa + a)}{a \times a} \\ 3984 &:= \frac{(aaa + aaa + aaa - a) \times (aa + a)}{a \times a} \\ 39984 &:= \frac{(aaaa + aaaa + aaaa - a) \times (aa + a)}{a \times a} \\ 399984 &:= \frac{(aaaaa + aaaaa + aaaaa - a) \times (aa + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 385 &:= \frac{(aa + aa + aa + a + a) \times aa}{a \times a} \\ 3885 &:= \frac{(aa + aa + aa + a + a) \times aaa}{a \times a} \\ 38885 &:= \frac{(aa + aa + aa + a + a) \times aaaa}{a \times a} \\ 388885 &:= \frac{(aa + aa + aa + a + a) \times aaaaa}{a \times a} \end{aligned}$$

$$\begin{aligned} 386 &:= \frac{(aa + aa + aa + a + a) \times aa + a \times a}{a \times a} \\ 3886 &:= \frac{(aa + aa + aa + a + a) \times aaa + a \times a}{a \times a} \\ 38886 &:= \frac{(aa + aa + aa + a + a) \times aaaa + a \times a}{a \times a} \\ 388886 &:= \frac{(aa + aa + aa + a + a) \times aaaaa + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 387 &:= \frac{aaaa - aaa - aaa - aaa - a - a - a - a}{a + a} \\ 5387 &:= \frac{aaaaa - aaa - aaa - aaa - a - a - a - a}{a + a} \\ 55387 &:= \frac{aaaaaa - aaa - aaa - aaa - a - a - a - a}{a + a} \\ 555387 &:= \frac{aaaaaaa - aaa - aaa - aaa - a - a - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 388 &:= \frac{aaaa - aaa - aaa - aaa - a - a}{a + a} \\ 5388 &:= \frac{aaaaa - aaa - aaa - aaa - a - a}{a + a} \\ 55388 &:= \frac{aaaaaa - aaa - aaa - aaa - a - a}{a + a} \\ 555388 &:= \frac{aaaaaaa - aaa - aaa - aaa - a - a}{a + a} \end{aligned}$$

$$\begin{aligned}
 389 &:= \frac{aaaa - aaa - aaa - aaa}{a + a} \\
 5389 &:= \frac{aaaaa - aaa - aaa - aaa}{a + a} \\
 55389 &:= \frac{aaaaaa - aaa - aaa - aaa}{a + a} \\
 555389 &:= \frac{aaaaaaa - aaa - aaa - aaa}{a + a} \\
 \\ 
 390 &:= \frac{aaaa - aaa - aaa - aaa + a + a}{a + a} \\
 5390 &:= \frac{aaaaa - aaa - aaa - aaa + a + a}{a + a} \\
 55390 &:= \frac{aaaaaa - aaa - aaa - aaa + a + a}{a + a} \\
 555390 &:= \frac{aaaaaaa - aaa - aaa - aaa + a + a}{a + a} \\
 \\ 
 391 &:= \frac{aaaa - aaa - aaa - aaa + a + a + a + a}{a + a} \\
 5391 &:= \frac{aaaaa - aaa - aaa - aaa + a + a + a + a}{a + a} \\
 55391 &:= \frac{aaaaaa - aaa - aaa - aaa + a + a + a + a}{a + a} \\
 555391 &:= \frac{aaaaaaa - aaa - aaa - aaa + a + a + a + a}{a + a} \\
 \\ 
 392 &:= \frac{(aaa - aa - a - a) \times (aa + a)}{(a + a + a) \times a} \\
 4392 &:= \frac{(aaaa - aa - a - a) \times (aa + a)}{(a + a + a) \times a} \\
 44392 &:= \frac{(aaaaa - aa - a - a) \times (aa + a)}{(a + a + a) \times a} \\
 444392 &:= \frac{(aaaaaa - aa - a - a) \times (aa + a)}{(a + a + a) \times a} \\
 \\ 
 393 &:= \frac{(aa + aa + aa) \times (aa + a) - (a + a + a) \times a}{a \times a} \\
 3693 &:= \frac{(aa + aa + aa) \times (aaa + a) - (a + a + a) \times a}{a \times a} \\
 36693 &:= \frac{(aa + aa + aa) \times (aaaa + a) - (a + a + a) \times a}{a \times a} \\
 366693 &:= \frac{(aa + aa + aa) \times (aaaaa + a) - (a + a + a) \times a}{a \times a}
 \end{aligned}$$

$$\begin{aligned}
 394 &:= \frac{(aa + aa + aa) \times (aa + a) - (a + a) \times a}{a \times a} \\
 3694 &:= \frac{(aa + aa + aa) \times (aaa + a) - (a + a) \times a}{a \times a} \\
 36694 &:= \frac{(aa + aa + aa) \times (aaaa + a) - (a + a) \times a}{a \times a} \\
 366694 &:= \frac{(aa + aa + aa) \times (aaaaa + a) - (a + a) \times a}{a \times a} \\
 \\ 
 395 &:= \frac{(aa + aa + aa) \times (aa + a) - a \times a}{a \times a} \\
 3695 &:= \frac{(aa + aa + aa) \times (aaa + a) - a \times a}{a \times a} \\
 36695 &:= \frac{(aa + aa + aa) \times (aaaa + a) - a \times a}{a \times a} \\
 366695 &:= \frac{(aa + aa + aa) \times (aaaaa + a) - a \times a}{a \times a} \\
 \\ 
 396 &:= \frac{(aa + aa + aa) \times (aa + a)}{a \times a} \\
 3696 &:= \frac{(aa + aa + aa) \times (aaa + a)}{a \times a} \\
 36696 &:= \frac{(aa + aa + aa) \times (aaaa + a)}{a \times a} \\
 366696 &:= \frac{(aa + aa + aa) \times (aaaaa + a)}{a \times a} \\
 \\ 
 397 &:= \frac{(aa + aa + aa) \times (aa + a) + a \times a}{a \times a} \\
 3697 &:= \frac{(aa + aa + aa) \times (aaa + a) + a \times a}{a \times a} \\
 36697 &:= \frac{(aa + aa + aa) \times (aaaa + a) + a \times a}{a \times a} \\
 366697 &:= \frac{(aa + aa + aa) \times (aaaaa + a) + a \times a}{a \times a} \\
 \\ 
 398 &:= \frac{(aaa + aaa - aa - aa - a) \times (a + a)}{a \times a} \\
 2398 &:= \frac{(aaaa + aaa - aa - aa - a) \times (a + a)}{a \times a} \\
 22398 &:= \frac{(aaaaa + aaa - aa - aa - a) \times (a + a)}{a \times a} \\
 222398 &:= \frac{(aaaaaa + aaa - aa - aa - a) \times (a + a)}{a \times a}
 \end{aligned}$$

$$\begin{aligned} 399 &:= \frac{(aaa + aa + aa) \times (a + a + a)}{a \times a} \\ 3399 &:= \frac{(aaaa + aa + aa) \times (a + a + a)}{a \times a} \\ 33399 &:= \frac{(aaaaa + aa + aa) \times (a + a + a)}{a \times a} \\ 333399 &:= \frac{(aaaaaa + aa + aa) \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 400 &:= \frac{(aaa - aa) \times (a + a + a + a)}{a \times a} \\ 4400 &:= \frac{(aaaa - aa) \times (a + a + a + a)}{a \times a} \\ 44400 &:= \frac{(aaaaa - aa) \times (a + a + a + a)}{a \times a} \\ 444400 &:= \frac{(aaaaaa - aa) \times (a + a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 401 &:= \frac{(aaa - aa) \times (a + a + a + a) + a \times a}{a \times a} \\ 4401 &:= \frac{(aaaa - aa) \times (a + a + a + a) + a \times a}{a \times a} \\ 44401 &:= \frac{(aaaaa - aa) \times (a + a + a + a) + a \times a}{a \times a} \\ 444401 &:= \frac{(aaaaaa - aa) \times (a + a + a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 402 &:= \frac{(aaa - aa) \times (a + a + a + a) + a \times (a + a)}{a \times a} \\ 4402 &:= \frac{(aaaa - aa) \times (a + a + a + a) + a \times (a + a)}{a \times a} \\ 44402 &:= \frac{(aaaaa - aa) \times (a + a + a + a) + a \times (a + a)}{a \times a} \\ 444402 &:= \frac{(aaaaaa - aa) \times (a + a + a + a) + a \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 403 &:= \frac{(aaaa + aaaa) \times (a + a) - a \times aa}{a \times aa} \\ 20403 &:= \frac{(aaaaaa + aaaa) \times (a + a) - a \times aa}{a \times aa} \\ 2020403 &:= \frac{(aaaaaaaa + aaaa) \times (a + a) - a \times aa}{a \times aa} \\ 202020403 &:= \frac{(aaaaaaaaaa + aaaa) \times (a + a) - a \times aa}{a \times aa} \end{aligned}$$

$$\begin{aligned} 404 &:= \frac{aaaa \times (a + a + a + a)}{aa \times a} \\ 40404 &:= \frac{aaaaaa \times (a + a + a + a)}{aa \times a} \\ 4040404 &:= \frac{aaaaaaaa \times (a + a + a + a)}{aa \times a} \\ 404040404 &:= \frac{aaaaaaaaaa \times (a + a + a + a)}{aa \times a} \end{aligned}$$

$$\begin{aligned} 405 &:= \frac{aaa \times aa - (a + a + a) \times (a + a)}{(a + a + a) \times a} \\ 4105 &:= \frac{aaa \times aaa - (a + a + a) \times (a + a)}{(a + a + a) \times a} \\ 41105 &:= \frac{aaa \times aaaa - (a + a + a) \times (a + a)}{(a + a + a) \times a} \\ 411105 &:= \frac{aaa \times aaaaa - (a + a + a) \times (a + a)}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 406 &:= \frac{aaa \times aa - (a + a + a) \times a}{(a + a + a) \times a} \\ 4106 &:= \frac{aaa \times aaa - (a + a + a) \times a}{(a + a + a) \times a} \\ 41106 &:= \frac{aaa \times aaaa - (a + a + a) \times a}{(a + a + a) \times a} \\ 411106 &:= \frac{aaa \times aaaaa - (a + a + a) \times a}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 407 &:= \frac{aaa \times aa}{(a + a + a) \times a} \\ 4107 &:= \frac{aaa \times aaa}{(a + a + a) \times a} \\ 41107 &:= \frac{aaa \times aaaa}{(a + a + a) \times a} \\ 411107 &:= \frac{aaa \times aaaaa}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned}
 408 &:= \frac{aaa \times aa + (a + a + a) \times a}{(a + a + a) \times a} \\
 4108 &:= \frac{aaa \times aaa + (a + a + a) \times a}{(a + a + a) \times a} \\
 41108 &:= \frac{aaa \times aaaa + (a + a + a) \times a}{(a + a + a) \times a} \\
 411108 &:= \frac{aaa \times aaaaa + (a + a + a) \times a}{(a + a + a) \times a} \\
 409 &:= \frac{aaa \times aa + (a + a + a) \times (a + a)}{(a + a + a) \times a} \\
 4109 &:= \frac{aaa \times aaa + (a + a + a) \times (a + a)}{(a + a + a) \times a} \\
 41109 &:= \frac{aaa \times aaaa + (a + a + a) \times (a + a)}{(a + a + a) \times a} \\
 411109 &:= \frac{aaa \times aaaaa + (a + a + a) \times (a + a)}{(a + a + a) \times a} \\
 410 &:= \frac{aaaa + aaa + aa - a - a - a}{a + a + a} \\
 4110 &:= \frac{aaaaa + aaaa + aaa - a - a - a}{a + a + a} \\
 41110 &:= \frac{aaaaaaa + aaaaa + aaaa - a - a - a}{a + a + a} \\
 411110 &:= \frac{aaaaaaaa + aaaaaa + aaaaa - a - a - a}{a + a + a} \\
 411 &:= \frac{aaaa + aaa + aa}{a + a + a} \\
 4111 &:= \frac{aaaaa + aaaa + aaa}{a + a + a} \\
 41111 &:= \frac{aaaaaaa + aaaaa + aaaa}{a + a + a} \\
 411111 &:= \frac{aaaaaaaa + aaaaaa + aaaaa}{a + a + a} \\
 412 &:= \frac{aaaa + aaa + aa + a + a + a}{a + a + a} \\
 4112 &:= \frac{aaaaa + aaaa + aaa + a + a + a}{a + a + a} \\
 41112 &:= \frac{aaaaaaa + aaaaa + aaaa + a + a + a}{a + a + a} \\
 411112 &:= \frac{aaaaaaaa + aaaaaa + aaaaa + a + a + a}{a + a + a}
 \end{aligned}$$

$$\begin{aligned}
 413 &:= \frac{aaaa \times (a + a + a) + (aaa - a) \times aa}{a \times aa} \\
 1413 &:= \frac{aaaa \times (a + a + a) + (aaa - a) \times aaa}{a \times aa} \\
 11413 &:= \frac{aaaa \times (a + a + a) + (aaa - a) \times aaaa}{a \times aa} \\
 111413 &:= \frac{aaaa \times (a + a + a) + (aaa - a) \times aaaaa}{a \times aa} \\
 414 &:= \frac{aaaa \times (a + a + a) + aaa \times aa}{a \times aa} \\
 30414 &:= \frac{aaaaaa \times (a + a + a) + aaa \times aa}{a \times aa} \\
 3030414 &:= \frac{aaaaaaaa \times (a + a + a) + aaa \times aa}{a \times aa} \\
 303030414 &:= \frac{aaaaaaaaaa \times (a + a + a) + aaa \times aa}{a \times aa} \\
 415 &:= \frac{aaaa \times (a + a + a) + (aaa + a) \times aa}{a \times aa} \\
 30415 &:= \frac{aaaaaa \times (a + a + a) + (aaa + a) \times aa}{a \times aa} \\
 3030415 &:= \frac{aaaaaaaa \times (a + a + a) + (aaa + a) \times aa}{a \times aa} \\
 303030415 &:= \frac{aaaaaaaaaa \times (a + a + a) + (aaa + a) \times aa}{a \times aa} \\
 416 &:= \frac{aaa \times aa + (aa - a - a) \times (a + a + a)}{a \times (a + a + a)} \\
 4116 &:= \frac{aaa \times aaa + (aa - a - a) \times (a + a + a)}{a \times (a + a + a)} \\
 41116 &:= \frac{aaa \times aaaa + (aa - a - a) \times (a + a + a)}{a \times (a + a + a)} \\
 411116 &:= \frac{aaa \times aaaaa + (aa - a - a) \times (a + a + a)}{a \times (a + a + a)} \\
 417 &:= \frac{aaa \times aa + (aa - a) \times (a + a + a)}{a \times (a + a + a)} \\
 4117 &:= \frac{aaa \times aaa + (aa - a) \times (a + a + a)}{a \times (a + a + a)} \\
 41117 &:= \frac{aaa \times aaaa + (aa - a) \times (a + a + a)}{a \times (a + a + a)} \\
 411117 &:= \frac{aaa \times aaaaa + (aa - a) \times (a + a + a)}{a \times (a + a + a)}
 \end{aligned}$$



$$418 := \frac{aaa \times aa + aa \times (a + a + a)}{a \times (a + a + a)}$$

$$4118 := \frac{aaa \times aaa + aa \times (a + a + a)}{a \times (a + a + a)}$$

$$41118 := \frac{aaa \times aaaa + aa \times (a + a + a)}{a \times (a + a + a)}$$

$$411118 := \frac{aaa \times aaaaa + aa \times (a + a + a)}{a \times (a + a + a)}$$

$$419 := \frac{aaa \times aa + (aa + a) \times (a + a + a)}{a \times (a + a + a)}$$

$$4119 := \frac{aaa \times aaa + (aa + a) \times (a + a + a)}{a \times (a + a + a)}$$

$$41119 := \frac{aaa \times aaaa + (aa + a) \times (a + a + a)}{a \times (a + a + a)}$$

$$411119 := \frac{aaa \times aaaaa + (aa + a) \times (a + a + a)}{a \times (a + a + a)}$$

$$420 := \frac{(aaa + aaa - aa - a) \times (a + a)}{a \times a}$$

$$2420 := \frac{(aaaa + aaa - aa - a) \times (a + a)}{a \times a}$$

$$22420 := \frac{(aaaaa + aaa - aa - a) \times (a + a)}{a \times a}$$

$$222420 := \frac{(aaaaaa + aaa - aa - a) \times (a + a)}{a \times a}$$

$$421 := \frac{(aaa + aaa - aa) \times (a + a) - a \times a}{a \times a}$$

$$2421 := \frac{(aaaa + aaa - aa) \times (a + a) - a \times a}{a \times a}$$

$$22421 := \frac{(aaaaa + aaa - aa) \times (a + a) - a \times a}{a \times a}$$

$$222421 := \frac{(aaaaaa + aaa - aa) \times (a + a) - a \times a}{a \times a}$$

$$422 := \frac{(aaa + aaa - aa) \times (a + a)}{a \times a}$$

$$2422 := \frac{(aaaa + aaa - aa) \times (a + a)}{a \times a}$$

$$22422 := \frac{(aaaaa + aaa - aa) \times (a + a)}{a \times a}$$

$$222422 := \frac{(aaaaaa + aaa - aa) \times (a + a)}{a \times a}$$

$$423 := \frac{(aaa + aaa - aa) \times (a + a) + a \times a}{a \times a}$$

$$2423 := \frac{(aaaa + aaa - aa) \times (a + a) + a \times a}{a \times a}$$

$$22423 := \frac{(aaaaa + aaa - aa) \times (a + a) + a \times a}{a \times a}$$

$$222423 := \frac{(aaaaaa + aaa - aa) \times (a + a) + a \times a}{a \times a}$$

$$424 := \frac{(aaa + aaa - aa + a) \times (a + a)}{a \times a}$$

$$2424 := \frac{(aaaa + aaa - aa + a) \times (a + a)}{a \times a}$$

$$22424 := \frac{(aaaaa + aaa - aa + a) \times (a + a)}{a \times a}$$

$$222424 := \frac{(aaaaaa + aaa - aa + a) \times (a + a)}{a \times a}$$

$$425 := \frac{(aaa + aaa - aa + a) \times (a + a) + a \times a}{a \times a}$$

$$2425 := \frac{(aaaa + aaa - aa + a) \times (a + a) + a \times a}{a \times a}$$

$$22425 := \frac{(aaaaa + aaa - aa + a) \times (a + a) + a \times a}{a \times a}$$

$$222425 := \frac{(aaaaaa + aaa - aa + a) \times (a + a) + a \times a}{a \times a}$$

$$426 := \frac{(aaa + aaa - aa + a + a) \times (a + a)}{a \times a}$$

$$2426 := \frac{(aaaa + aaa - aa + a + a) \times (a + a)}{a \times a}$$

$$22426 := \frac{(aaaaa + aaa - aa + a + a) \times (a + a)}{a \times a}$$

$$222426 := \frac{(aaaaaa + aaa - aa + a + a) \times (a + a)}{a \times a}$$

$$427 := \frac{(aaa + aaa - aa + a + a) \times (a + a) + a \times a}{a \times a}$$

$$2427 := \frac{(aaaa + aaa - aa + a + a) \times (a + a) + a \times a}{a \times a}$$

$$22427 := \frac{(aaaaa + aaa - aa + a + a) \times (a + a) + a \times a}{a \times a}$$

$$222427 := \frac{(aaaaaa + aaa - aa + a + a) \times (a + a) + a \times a}{a \times a}$$

$$\begin{aligned} 428 &:= \frac{(aaa + aaa - aa + a + a + a) \times (a + a)}{a \times a} \\ 2428 &:= \frac{(aaaa + aaa - aa + a + a + a) \times (a + a)}{a \times a} \\ 22428 &:= \frac{(aaaaa + aaa - aa + a + a + a) \times (a + a)}{a \times a} \\ 222428 &:= \frac{(aaaaaa + aaa - aa + a + a + a) \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 429 &:= \frac{(aa + a + a) \times (aa + aa + aa)}{a \times a} \\ 4329 &:= \frac{(aa + a + a) \times (aaa + aaa + aaa)}{a \times a} \\ 43329 &:= \frac{(aa + a + a) \times (aaaa + aaaa + aaaa)}{a \times a} \\ 433329 &:= \frac{(aa + a + a) \times (aaaaa + aaaaa + aaaaa)}{a \times a} \end{aligned}$$

$$\begin{aligned} 430 &:= \frac{(aa + a + a) \times (aa + aa + aa) + a \times a}{a \times a} \\ 4330 &:= \frac{(aa + a + a) \times (aaa + aaa + aaa) + a \times a}{a \times a} \\ 43330 &:= \frac{(aa + a + a) \times (aaaa + aaaa + aaaa) + a \times a}{a \times a} \\ 433330 &:= \frac{(aa + a + a) \times (aaaaa + aaaaa + aaaaa) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 431 &:= \frac{aaa + aaa + aaa + aaa - aa - a - a}{a} \\ 1431 &:= \frac{aaaa + aaa + aaa + aaa - aa - a - a}{a} \\ 11431 &:= \frac{aaaaa + aaa + aaa + aaa - aa - a - a}{a} \\ 111431 &:= \frac{aaaaaa + aaa + aaa + aaa - aa - a - a}{a} \end{aligned}$$

$$\begin{aligned} 432 &:= \frac{aaa + aaa + aaa + aaa - aa - a}{a} \\ 1432 &:= \frac{aaaa + aaa + aaa + aaa - aa - a}{a} \\ 11432 &:= \frac{aaaaa + aaa + aaa + aaa - aa - a}{a} \\ 111432 &:= \frac{aaaaaa + aaa + aaa + aaa - aa - a}{a} \end{aligned}$$

$$\begin{aligned} 433 &:= \frac{aaa + aaa + aaa + aaa - aa}{a} \\ 1433 &:= \frac{aaaa + aaa + aaa + aaa - aa}{a} \\ 11433 &:= \frac{aaaaa + aaa + aaa + aaa - aa}{a} \\ 111433 &:= \frac{aaaaaa + aaa + aaa + aaa - aa}{a} \end{aligned}$$

$$\begin{aligned} 434 &:= \frac{aaa + aaa + aaa + aaa - aa + a}{a} \\ 1434 &:= \frac{aaaa + aaa + aaa + aaa - aa + a}{a} \\ 11434 &:= \frac{aaaaa + aaa + aaa + aaa - aa + a}{a} \\ 111434 &:= \frac{aaaaaa + aaa + aaa + aaa - aa + a}{a} \end{aligned}$$

$$\begin{aligned} 435 &:= \frac{(aaa - a - a) \times (a + a + a + a) - a \times a}{a \times a} \\ 4435 &:= \frac{(aaaa - a - a) \times (a + a + a + a) - a \times a}{a \times a} \\ 44435 &:= \frac{(aaaaa - a - a) \times (a + a + a + a) - a \times a}{a \times a} \\ 444435 &:= \frac{(aaaaaa - a - a) \times (a + a + a + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 436 &:= \frac{(aaa - a - a) \times (a + a + a + a)}{a \times a} \\ 4436 &:= \frac{(aaaa - a - a) \times (a + a + a + a)}{a \times a} \\ 44436 &:= \frac{(aaaaa - a - a) \times (a + a + a + a)}{a \times a} \\ 444436 &:= \frac{(aaaaaa - a - a) \times (a + a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 437 &:= \frac{aaaa - aa - a - a}{a + a} - \frac{aaa + a}{a} \\ 5437 &:= \frac{aaaaa - aa - a - a}{a + a} - \frac{aaa + a}{a} \\ 55437 &:= \frac{aaaaaa - aa - a - a}{a + a} - \frac{aaa + a}{a} \\ 555437 &:= \frac{aaaaaaa - aa - a - a}{a + a} - \frac{aaa + a}{a} \end{aligned}$$

$$\begin{aligned} 438 &:= \frac{aaaa - aa - a - a}{a + a} - \frac{aaa}{a} \\ 4438 &:= \frac{aaaaa - aa - a - a}{a + a} - \frac{aaaa}{a} \\ 44438 &:= \frac{aaaaaa - aa - a - a}{a + a} - \frac{aaaaa}{a} \\ 444438 &:= \frac{aaaaaaa - aa - a - a}{a + a} - \frac{aaaaaa}{a} \end{aligned}$$

$$\begin{aligned} 439 &:= \frac{aaaa - aa - a - a}{a + a} - \frac{aaa - a}{a} \\ 5439 &:= \frac{aaaaa - aa - a - a}{a + a} - \frac{aaa - a}{a} \\ 55439 &:= \frac{aaaaaa - aa - a - a}{a + a} - \frac{aaa - a}{a} \\ 555439 &:= \frac{aaaaaaa - aa - a - a}{a + a} - \frac{aaa - a}{a} \end{aligned}$$

$$\begin{aligned} 440 &:= \frac{(a + a + a + a) \times (aaa - a)}{a \times a} \\ 4440 &:= \frac{(a + a + a + a) \times (aaaa - a)}{a \times a} \\ 44440 &:= \frac{(a + a + a + a) \times (aaaaa - a)}{a \times a} \\ 444440 &:= \frac{(a + a + a + a) \times (aaaaaa - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 441 &:= \frac{(aaa + aaa - a) \times (a + a) - a \times a}{a \times a} \\ 2441 &:= \frac{(aaaa + aaa - a) \times (a + a) - a \times a}{a \times a} \\ 22441 &:= \frac{(aaaaa + aaa - a) \times (a + a) - a \times a}{a \times a} \\ 222441 &:= \frac{(aaaaaa + aaa - a) \times (a + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 442 &:= \frac{(aaa + aaa - a) \times (a + a)}{a \times a} \\ 2442 &:= \frac{(aaaa + aaa - a) \times (a + a)}{a \times a} \\ 22442 &:= \frac{(aaaaa + aaa - a) \times (a + a)}{a \times a} \\ 222442 &:= \frac{(aaaaaa + aaa - a) \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 443 &:= \frac{(a + a + a + a) \times aaa - a \times a}{a \times a} \\ 4443 &:= \frac{(a + a + a + a) \times aaaa - a \times a}{a \times a} \\ 44443 &:= \frac{(a + a + a + a) \times aaaaa - a \times a}{a \times a} \\ 444443 &:= \frac{(a + a + a + a) \times aaaaaa - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 444 &:= \frac{(a + a + a + a) \times aaa}{a \times a} \\ 4444 &:= \frac{(a + a + a + a) \times aaaa}{a \times a} \\ 44444 &:= \frac{(a + a + a + a) \times aaaaa}{a \times a} \\ 444444 &:= \frac{(a + a + a + a) \times aaaaaa}{a \times a} \end{aligned}$$

$$\begin{aligned} 445 &:= \frac{aaaa - aaa - aaa + a}{a + a} \\ 5445 &:= \frac{aaaaa - aaa - aaa + a}{a + a} \\ 55445 &:= \frac{aaaaaa - aaa - aaa + a}{a + a} \\ 555445 &:= \frac{aaaaaaa - aaa - aaa + a}{a + a} \end{aligned}$$

$$\begin{aligned} 446 &:= \frac{(aaa + aaa + a) \times (a + a)}{a \times a} \\ 2446 &:= \frac{(aaaa + aaa + a) \times (a + a)}{a \times a} \\ 22446 &:= \frac{(aaaaa + aaa + a) \times (a + a)}{a \times a} \\ 222446 &:= \frac{(aaaaaa + aaa + a) \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 447 &:= \frac{(aaa + a) \times (a + a + a + a) - a \times a}{a \times a} \\ 4447 &:= \frac{(aaaa + a) \times (a + a + a + a) - a \times a}{a \times a} \\ 44447 &:= \frac{(aaaaa + a) \times (a + a + a + a) - a \times a}{a \times a} \\ 444447 &:= \frac{(aaaaaa + a) \times (a + a + a + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 448 &:= \frac{(aaa + a) \times (a + a + a + a)}{a \times a} \\ 4448 &:= \frac{(aaaa + a) \times (a + a + a + a)}{a \times a} \\ 44448 &:= \frac{(aaaaa + a) \times (a + a + a + a)}{a \times a} \\ 444448 &:= \frac{(aaaaaa + a) \times (a + a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 449 &:= \frac{(aaa + a) \times (a + a + a + a) + a \times a}{a \times a} \\ 4449 &:= \frac{(aaaa + a) \times (a + a + a + a) + a \times a}{a \times a} \\ 44449 &:= \frac{(aaaaa + a) \times (a + a + a + a) + a \times a}{a \times a} \\ 444449 &:= \frac{(aaaaaa + a) \times (a + a + a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 450 &:= \frac{aaaa - aaa - aaa + aa}{a + a} \\ 5450 &:= \frac{aaaaa - aaa - aaa + aa}{a + a} \\ 55450 &:= \frac{aaaaaaa - aaa - aaa + aa}{a + a} \\ 555450 &:= \frac{aaaaaaaa - aaa - aaa + aa}{a + a} \end{aligned}$$

$$\begin{aligned} 451 &:= \frac{aaa + aa + a}{((a + a + a) \times a)} \times aa \\ 4551 &:= \frac{aaa + aa + a}{((a + a + a) \times a)} \times aaa \\ 45551 &:= \frac{aaa + aa + a}{((a + a + a) \times a)} \times aaaa \\ 455551 &:= \frac{aaa + aa + a}{((a + a + a) \times a)} \times aaaaa \end{aligned}$$

$$\begin{aligned} 452 &:= \frac{(aaa + a + a) \times (a + a + a + a)}{a \times a} \\ 4452 &:= \frac{(aaaa + a + a) \times (a + a + a + a)}{a \times a} \\ 44452 &:= \frac{(aaaaa + a + a) \times (a + a + a + a)}{a \times a} \\ 444452 &:= \frac{(aaaaaa + a + a) \times (a + a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 453 &:= \frac{aaa \times (a + a + a) + aa \times aa - a \times a}{a \times a} \\ 3453 &:= \frac{aaaa \times (a + a + a) + aa \times aa - a \times a}{a \times a} \\ 33453 &:= \frac{aaaaa \times (a + a + a) + aa \times aa - a \times a}{a \times a} \\ 333453 &:= \frac{aaaaaa \times (a + a + a) + aa \times aa - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 454 &:= \frac{aaa \times (a + a + a) + aa \times aa}{a \times a} \\ 3454 &:= \frac{aaaa \times (a + a + a) + aa \times aa}{a \times a} \\ 33454 &:= \frac{aaaaa \times (a + a + a) + aa \times aa}{a \times a} \\ 333454 &:= \frac{aaaaaa \times (a + a + a) + aa \times aa}{a \times a} \end{aligned}$$

$$\begin{aligned} 455 &:= \frac{(a + a + a + a) \times aaa + aa \times a}{a \times a} \\ 4455 &:= \frac{(a + a + a + a) \times aaaa + aa \times a}{a \times a} \\ 44455 &:= \frac{(a + a + a + a) \times aaaaa + aa \times a}{a \times a} \\ 444455 &:= \frac{(a + a + a + a) \times aaaaaa + aa \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 456 &:= \frac{(a + a + a + a) \times aaa + (aa + a) \times a}{a \times a} \\ 4456 &:= \frac{(a + a + a + a) \times aaaa + (aa + a) \times a}{a \times a} \\ 44456 &:= \frac{(a + a + a + a) \times aaaaa + (aa + a) \times a}{a \times a} \\ 444456 &:= \frac{(a + a + a + a) \times aaaaaa + (aa + a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 457 &:= \frac{(a + a + a + a) \times aaa + (aa + a + a) \times a}{a \times a} \\ 4457 &:= \frac{(a + a + a + a) \times aaaa + (aa + a + a) \times a}{a \times a} \\ 44457 &:= \frac{(a + a + a + a) \times aaaaa + (aa + a + a) \times a}{a \times a} \\ 444457 &:= \frac{(a + a + a + a) \times aaaaaa + (aa + a + a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 458 &:= \frac{(aaa + aaa + a) \times (aa + aa) + (aa + a) \times aa}{a \times aa} \\ 2458 &:= \frac{(aaaa + aaa + a) \times (aa + aa) + (aa + a) \times aa}{a \times aa} \\ 22458 &:= \frac{(aaaaa + aaa + a) \times (aa + aa) + (aa + a) \times aa}{a \times aa} \\ 222458 &:= \frac{(aaaaaa + aaa + a) \times (aa + aa) + (aa + a) \times aa}{a \times aa} \end{aligned}$$

$$\begin{aligned} 459 &:= \frac{(aaaa + aa) \times (aa - a - a)}{(a + a) \times aa} \\ 45459 &:= \frac{(aaaaaa + aa) \times (aa - a - a)}{(a + a) \times aa} \\ 4545459 &:= \frac{(aaaaaaaa + aa) \times (aa - a - a)}{(a + a) \times aa} \\ 454545459 &:= \frac{(aaaaaaaaaa + aa) \times (aa - a - a)}{(a + a) \times aa} \end{aligned}$$

$$\begin{aligned} 460 &:= \frac{aaaa \times (aa - a - a) + aa \times aa}{(a + a) \times aa} \\ 45460 &:= \frac{aaaaaa \times (aa - a - a) + aa \times aa}{(a + a) \times aa} \\ 4545460 &:= \frac{aaaaaaaa \times (aa - a - a) + aa \times aa}{(a + a) \times aa} \\ 454545460 &:= \frac{aaaaaaaaaa \times (aa - a - a) + aa \times aa}{(a + a) \times aa} \end{aligned}$$

$$\begin{aligned} 461 &:= \frac{aaaa - aaa - aaa + aa + aa + aa}{a + a} \\ 5461 &:= \frac{aaaaa - aaa - aaa + aa + aa + aa}{a + a} \\ 55461 &:= \frac{aaaaaa - aaa - aaa + aa + aa + aa}{a + a} \\ 555461 &:= \frac{aaaaaaa - aaa - aaa + aa + aa + aa}{a + a} \end{aligned}$$

$$\begin{aligned} 462 &:= \frac{aa + a + a + a) \times (aa + aa + aa)}{a \times a} \\ 4662 &:= \frac{aa + a + a + a) \times (aaa + aaa + aaa)}{a \times a} \\ 46662 &:= \frac{aa + a + a + a) \times (aaaa + aaaa + aaaa)}{a \times a} \\ 466662 &:= \frac{aa + a + a + a) \times (aaaaa + aaaaa + aaaaa)}{a \times a} \end{aligned}$$

$$\begin{aligned} 463 &:= \frac{(aa + a + a + a) \times (aa + aa + aa) + a \times a}{a \times a} \\ 4663 &:= \frac{(aa + a + a + a) \times (aaa + aaa + aaa) + a \times a}{a \times a} \\ 46663 &:= \frac{(aa + a + a + a) \times (aaaa + aaaa + aaaa) + a \times a}{a \times a} \\ 466663 &:= \frac{(aa + a + a + a) \times (aaaaa + aaaaa + aaaaa) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 464 &:= \frac{(aaa + aaa + aa - a) \times (a + a)}{a \times a} \\ 2464 &:= \frac{(aaaa + aaa + aa - a) \times (a + a)}{a \times a} \\ 22464 &:= \frac{(aaaaa + aaa + aa - a) \times (a + a)}{a \times a} \\ 222464 &:= \frac{(aaaaaa + aaa + aa - a) \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 465 &:= \frac{(aaa + aaa + aa) \times (a + a) - a \times a}{a \times a} \\ 2465 &:= \frac{(aaaa + aaa + aa) \times (a + a) - a \times a}{a \times a} \\ 22465 &:= \frac{(aaaaa + aaa + aa) \times (a + a) - a \times a}{a \times a} \\ 222465 &:= \frac{(aaaaaa + aaa + aa) \times (a + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 466 &:= \frac{(aaa + aaa + aa) \times (a + a)}{a \times a} \\ 2466 &:= \frac{(aaaa + aaa + aa) \times (a + a)}{a \times a} \\ 22466 &:= \frac{(aaaaa + aaa + aa) \times (a + a)}{a \times a} \\ 222466 &:= \frac{(aaaaaa + aaa + aa) \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 467 &:= \frac{(aaa + aaa + aa) \times (a + a) + a \times a}{a \times a} \\ 2467 &:= \frac{(aaaa + aaa + aa) \times (a + a) + a \times a}{a \times a} \\ 22467 &:= \frac{(aaaaa + aaa + aa) \times (a + a) + a \times a}{a \times a} \\ 222467 &:= \frac{(aaaaaa + aaa + aa) \times (a + a) + a \times a}{a \times a} \end{aligned}$$

$$468 := \frac{(aaa + aaa + aa + a) \times (a + a)}{a \times a}$$

$$2468 := \frac{(aaaa + aaa + aa + a) \times (a + a)}{a \times a}$$

$$22468 := \frac{(aaaaa + aaa + aa + a) \times (a + a)}{a \times a}$$

$$222468 := \frac{(aaaaaa + aaa + aa + a) \times (a + a)}{a \times a}$$

$$469 := \frac{(aaa + aaa + aa + a) \times (a + a) + a \times a}{a \times a}$$

$$2469 := \frac{(aaaa + aaa + aa + a) \times (a + a) + a \times a}{a \times a}$$

$$22469 := \frac{(aaaaa + aaa + aa + a) \times (a + a) + a \times a}{a \times a}$$

$$222469 := \frac{(aaaaaa + aaa + aa + a) \times (a + a) + a \times a}{a \times a}$$

$$470 := \frac{(aaa + aaa + aa + a + a) \times (a + a)}{a \times a}$$

$$2470 := \frac{(aaaa + aaa + aa + a + a) \times (a + a)}{a \times a}$$

$$22470 := \frac{(aaaaa + aaa + aa + a + a) \times (a + a)}{a \times a}$$

$$222470 := \frac{(aaaaaa + aaa + aa + a + a) \times (a + a)}{a \times a}$$

$$471 := \frac{aaaa - a}{a + a + a} + \frac{aaaa}{aa}$$

$$10471 := \frac{aaaa - a}{a + a + a} + \frac{aaaaaa}{aa}$$

$$1010471 := \frac{aaaa - a}{a + a + a} + \frac{aaaaaaaa}{aa}$$

$$101010471 := \frac{aaaa - a}{a + a + a} + \frac{aaaaaaaaaa}{aa}$$

$$472 := \frac{(aaa + aaa + aa + a + a + a) \times (a + a)}{a \times a}$$

$$2472 := \frac{(aaaa + aaa + aa + a + a + a) \times (a + a)}{a \times a}$$

$$22472 := \frac{(aaaaa + aaa + aa + a + a + a) \times (a + a)}{a \times a}$$

$$222472 := \frac{(aaaaaa + aaa + aa + a + a + a) \times (a + a)}{a \times a}$$

$$473 := \frac{(aa + aa) \times (aa + aa) - aa \times a}{a \times a}$$

$$4873 := \frac{(aaa + aaa) \times (aa + aa) - aa \times a}{a \times a}$$

$$48873 := \frac{(aaaa + aaaa) \times (aa + aa) - aa \times a}{a \times a}$$

$$488873 := \frac{(aaaaa + aaaaa) \times (aa + aa) - aa \times a}{a \times a}$$

$$474 := \frac{(aaa + aaa + aa + a + a + a + a) \times (a + a)}{a \times a}$$

$$2474 := \frac{(aaaa + aaa + aa + a + a + a + a) \times (a + a)}{a \times a}$$

$$22474 := \frac{(aaaaa + aaa + aa + a + a + a + a) \times (a + a)}{a \times a}$$

$$222474 := \frac{(aaaaaa + aaa + aa + a + a + a + a) \times (a + a)}{a \times a}$$

$$475 := \frac{(aaa + aaa + aa - a) \times (a + a) + aa \times a}{a \times a}$$

$$2475 := \frac{(aaaa + aaa + aa - a) \times (a + a) + aa \times a}{a \times a}$$

$$22475 := \frac{(aaaaa + aaa + aa - a) \times (a + a) + aa \times a}{a \times a}$$

$$222475 := \frac{(aaaaaa + aaa + aa - a) \times (a + a) + aa \times a}{a \times a}$$

$$476 := \frac{(aa + a + a + a) \times (aa + aa + aa + a)}{a \times a}$$

$$4676 := \frac{(aa + a + a + a) \times (aaa + aaa + aaa + a)}{a \times a}$$

$$46676 := \frac{(aa + a + a + a) \times (aaaa + aaaa + aaaa + a)}{a \times a}$$

$$466676 := \frac{(aa + a + a + a) \times (aaaaa + aaaaa + aaaaa + a)}{a \times a}$$

$$477 := \frac{(aaa + aaa + aa) \times (a + a) + a \times aa}{a \times a}$$

$$2477 := \frac{(aaaa + aaa + aa) \times (a + a) + a \times aa}{a \times a}$$

$$22477 := \frac{(aaaaa + aaa + aa) \times (a + a) + a \times aa}{a \times a}$$

$$222477 := \frac{(aaaaaa + aaa + aa) \times (a + a) + a \times aa}{a \times a}$$

$$\begin{aligned} 478 &:= \frac{aaaa - aaa - aa - aa - aa - aa}{a + a} \\ 5478 &:= \frac{aaaaa - aaa - aa - aa - aa - aa}{a + a} \\ 55478 &:= \frac{aaaaaaa - aaa - aa - aa - aa - aa}{a + a} \\ 555478 &:= \frac{aaaaaaaa - aaa - aa - aa - aa - aa}{a + a} \end{aligned}$$

$$\begin{aligned} 479 &:= \frac{(aaa + aaa + aa + a) \times (a + a) + a \times aa}{a \times a} \\ 2479 &:= \frac{(aaaa + aaa + aa + a) \times (a + a) + a \times aa}{a \times a} \\ 22479 &:= \frac{(aaaaa + aaa + aa + a) \times (a + a) + a \times aa}{a \times a} \\ 222479 &:= \frac{(aaaaaa + aaa + aa + a) \times (a + a) + a \times aa}{a \times a} \end{aligned}$$

$$\begin{aligned} 480 &:= \frac{(aaa + aaa + aa + a) \times (a + a) + a \times (aa + a)}{a \times a} \\ 2480 &:= \frac{(aaaa + aaa + aa + a) \times (a + a) + a \times (aa + a)}{a \times a} \\ 22480 &:= \frac{(aaaaa + aaa + aa + a) \times (a + a) + a \times (aa + a)}{a \times a} \\ 222480 &:= \frac{(aaaaaa + aaa + aa + a) \times (a + a) + a \times (aa + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 481 &:= \frac{(aa + a + a) \times aaa}{(a + a + a) \times a} \\ 4181 &:= \frac{(aaa + a + a) \times aaa}{(a + a + a) \times a} \\ 41181 &:= \frac{(aaaa + a + a) \times aaa}{(a + a + a) \times a} \\ 411181 &:= \frac{(aaaaa + a + a) \times aaa}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 482 &:= \frac{(aa + aa) \times (aa + aa) - a \times (a + a)}{a \times a} \\ 4882 &:= \frac{(aaa + aaa) \times (aa + aa) - a \times (a + a)}{a \times a} \\ 48882 &:= \frac{(aaaa + aaaa) \times (aa + aa) - a \times (a + a)}{a \times a} \\ 488882 &:= \frac{(aaaaa + aaaaa) \times (aa + aa) - a \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 483 &:= \frac{(aa + aa) \times (aa + aa) - a \times a}{a \times a} \\ 4883 &:= \frac{(aaa + aaa) \times (aa + aa) - a \times a}{a \times a} \\ 48883 &:= \frac{(aaaa + aaaa) \times (aa + aa) - a \times a}{a \times a} \\ 488883 &:= \frac{(aaaaa + aaaaa) \times (aa + aa) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 484 &:= \frac{(aa + aa) \times (aa + aa)}{a \times a} \\ 4884 &:= \frac{(aaa + aaa) \times (aa + aa)}{a \times a} \\ 48884 &:= \frac{(aaaa + aaaa) \times (aa + aa)}{a \times a} \\ 488884 &:= \frac{(aaaaa + aaaaa) \times (aa + aa)}{a \times a} \end{aligned}$$

$$\begin{aligned} 485 &:= \frac{(aa + aa) \times (aa + aa) + a \times a}{a \times a} \\ 4885 &:= \frac{(aaa + aaa) \times (aa + aa) + a \times a}{a \times a} \\ 48885 &:= \frac{(aaaa + aaaa) \times (aa + aa) + a \times a}{a \times a} \\ 488885 &:= \frac{(aaaaa + aaaaa) \times (aa + aa) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 486 &:= \frac{(aa + aa) \times (aa + aa) + a \times (a + a)}{a \times a} \\ 4886 &:= \frac{(aaa + aaa) \times (aa + aa) + a \times (a + a)}{a \times a} \\ 48886 &:= \frac{(aaaa + aaaa) \times (aa + aa) + a \times (a + a)}{a \times a} \\ 488886 &:= \frac{(aaaaa + aaaaa) \times (aa + aa) + a \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 487 &:= \frac{(aa + aa) \times (aa + aa) + a \times (a + a + a)}{a \times a} \\ 4887 &:= \frac{(aaa + aaa) \times (aa + aa) + a \times (a + a + a)}{a \times a} \\ 48887 &:= \frac{(aaaa + aaaa) \times (aa + aa) + a \times (a + a + a)}{a \times a} \\ 488887 &:= \frac{(aaaaa + aaaaa) \times (aa + aa) + a \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 488 &:= \frac{aaaa - aaa - aa - aa - a - a}{a + a} \\ 5488 &:= \frac{aaaaaa - aaa - aa - aa - a - a}{a + a} \\ 55488 &:= \frac{aaaaaaa - aaa - aa - aa - a - a}{a + a} \\ 555488 &:= \frac{aaaaaaaa - aaa - aa - aa - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 489 &:= \frac{aaaa - aaa - aa - aa}{a + a} \\ 5489 &:= \frac{aaaaaa - aaa - aa - aa}{a + a} \\ 55489 &:= \frac{aaaaaaa - aaa - aa - aa}{a + a} \\ 555489 &:= \frac{aaaaaaaa - aaa - aa - aa}{a + a} \end{aligned}$$

$$\begin{aligned} 490 &:= \frac{aaaa - aaa - aa - aa + a + a}{a + a} \\ 5490 &:= \frac{aaaaaa - aaa - aa - aa + a + a}{a + a} \\ 55490 &:= \frac{aaaaaaa - aaa - aa - aa + a + a}{a + a} \\ 555490 &:= \frac{aaaaaaaa - aaa - aa - aa + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 491 &:= \frac{aaaa - aaa - aa - aa + a + a + a + a}{a + a} \\ 5491 &:= \frac{aaaaaa - aaa - aa - aa + a + a + a + a}{a + a} \\ 55491 &:= \frac{aaaaaaa - aaa - aa - aa + a + a + a + a}{a + a} \\ 555491 &:= \frac{aaaaaaaa - aaa - aa - aa + a + a + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 492 &:= \frac{(aaa + aa + a) \times (aa + a)}{(a + a + a) \times a} \\ 4492 &:= \frac{(aaaa + aa + a) \times (aa + a)}{(a + a + a) \times a} \\ 44492 &:= \frac{(aaaaa + aa + a) \times (aa + a)}{(a + a + a) \times a} \\ 444492 &:= \frac{(aaaaaa + aa + a) \times (aa + a)}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 493 &:= \frac{aaaa - aaa - aa - a - a - a}{a + a} \\ 4993 &:= \frac{aaaaaa - aaaa - aa - a - a - a}{a + a} \\ 49993 &:= \frac{aaaaaaa - aaaaa - aa - a - a - a}{a + a} \\ 499993 &:= \frac{aaaaaaaa - aaaaaa - aa - a - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 494 &:= \frac{aaaa - aaa - aa - a}{a + a} \\ 5494 &:= \frac{aaaaaa - aaa - aa - a}{a + a} \\ 55494 &:= \frac{aaaaaaa - aaa - aa - a}{a + a} \\ 555494 &:= \frac{aaaaaaaa - aaa - aa - a}{a + a} \end{aligned}$$

$$\begin{aligned} 495 &:= \frac{aaaa - aaa - aa + a}{a + a} \\ 5495 &:= \frac{aaaaaa - aaa - aa + a}{a + a} \\ 55495 &:= \frac{aaaaaaa - aaa - aa + a}{a + a} \\ 555495 &:= \frac{aaaaaaaa - aaa - aa + a}{a + a} \end{aligned}$$

$$\begin{aligned} 496 &:= \frac{aaaa - aaa - aa + a + a + a}{a + a} \\ 5496 &:= \frac{aaaaaa - aaa - aa + a + a + a}{a + a} \\ 55496 &:= \frac{aaaaaaa - aaa - aa + a + a + a}{a + a} \\ 555496 &:= \frac{aaaaaaaa - aaa - aa + a + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 497 &:= \frac{aaaa - aaa - a - a - a - a - a - a}{a + a} \\ 4997 &:= \frac{aaaaaa - aaaa - a - a - a - a - a - a}{a + a} \\ 49997 &:= \frac{aaaaaaa - aaaaa - a - a - a - a - a - a}{a + a} \\ 499997 &:= \frac{aaaaaaaa - aaaaaa - a - a - a - a - a - a}{a + a} \end{aligned}$$



$$\begin{aligned} 498 &:= \frac{aaaa - aaa - a - a - a - a}{a + a} \\ 4998 &:= \frac{aaaaa - aaaa - a - a - a - a}{a + a} \\ 49998 &:= \frac{aaaaaaa - aaaaa - a - a - a - a}{a + a} \\ 499998 &:= \frac{aaaaaaaa - aaaaaa - a - a - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 499 &:= \frac{aaaa - aaa - a - a}{a + a} \\ 4999 &:= \frac{aaaaa - aaaa - a - a}{a + a} \\ 49999 &:= \frac{aaaaaaa - aaaaa - a - a}{a + a} \\ 499999 &:= \frac{aaaaaaaa - aaaaaa - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 500 &:= \frac{aaaa - aaa}{a + a} \\ 5000 &:= \frac{aaaaa - aaaa}{a + a} \\ 50000 &:= \frac{aaaaaaa - aaaaa}{a + a} \\ 500000 &:= \frac{aaaaaaaa - aaaaaa}{a + a} \end{aligned}$$

$$\begin{aligned} 501 &:= \frac{aaaa - aaa + a + a}{a + a} \\ 5001 &:= \frac{aaaaa - aaaa + a + a}{a + a} \\ 50001 &:= \frac{aaaaaaa - aaaaa + a + a}{a + a} \\ 500001 &:= \frac{aaaaaaaa - aaaaaa + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 502 &:= \frac{aaaa - aaa + a + a + a + a}{a + a} \\ 5002 &:= \frac{aaaaa - aaaa + a + a + a + a}{a + a} \\ 50002 &:= \frac{aaaaaaa - aaaaa + a + a + a + a}{a + a} \\ 500002 &:= \frac{aaaaaaaa - aaaaaa + a + a + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 503 &:= \frac{(aaa + a) \times (aa - a - a) - a \times (a + a)}{(a + a) \times a} \\ 5003 &:= \frac{(aaaa + a) \times (aa - a - a) - a \times (a + a)}{(a + a) \times a} \\ 50003 &:= \frac{(aaaaa + a) \times (aa - a - a) - a \times (a + a)}{(a + a) \times a} \\ 500003 &:= \frac{(aaaaaa + a) \times (aa - a - a) - a \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 504 &:= \frac{(aaa + a) \times (aa - a - a)}{(a + a) \times a} \\ 5004 &:= \frac{(aaaa + a) \times (aa - a - a)}{(a + a) \times a} \\ 50004 &:= \frac{(aaaaa + a) \times (aa - a - a)}{(a + a) \times a} \\ 500004 &:= \frac{(aaaaaa + a) \times (aa - a - a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 505 &:= \frac{aaaaa - a}{aa + aa} \\ 50505 &:= \frac{aaaaaaa - a}{aa + aa} \\ 5050505 &:= \frac{aaaaaaaaa - a}{aa + aa} \\ 505050505 &:= \frac{aaaaaaaaaaa - a}{aa + aa} \end{aligned}$$

$$\begin{aligned} 506 &:= \frac{aaaa - aaa + aa + a}{a + a} \\ 5506 &:= \frac{aaaaa - aaa + aa + a}{a + a} \\ 55506 &:= \frac{aaaaaaa - aaa + aa + a}{a + a} \\ 555506 &:= \frac{aaaaaaaa - aaa + aa + a}{a + a} \end{aligned}$$

$$\begin{aligned} 507 &:= \frac{aaaa - aaa + aa + a + a + a}{a + a} \\ 5507 &:= \frac{aaaaa - aaa + aa + a + a + a}{a + a} \\ 55507 &:= \frac{aaaaaaa - aaa + aa + a + a + a}{a + a} \\ 555507 &:= \frac{aaaaaaaa - aaa + aa + a + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 508 &:= \frac{aaaa - aaa + aa + a + a + a + a + a}{a + a} \\ 5508 &:= \frac{aaaaa - aaa + aa + a + a + a + a + a}{a + a} \\ 55508 &:= \frac{aaaaaaa - aaa + aa + a + a + a + a + a}{a + a} \\ 555508 &:= \frac{aaaaaaaa - aaa + aa + a + a + a + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 509 &:= \frac{aaaa - aaa}{a + a} + \frac{aa - a - a}{a} \\ 5109 &:= \frac{aaaaa - aaaa}{a + a} + \frac{aaa - a - a}{a} \\ 51109 &:= \frac{aaaaaaa - aaaaa}{a + a} + \frac{aaaa - a - a}{a} \\ 511109 &:= \frac{aaaaaaaa - aaaaaa}{a + a} + \frac{aaaaa - a - a}{a} \end{aligned}$$

$$\begin{aligned} 510 &:= \frac{aaaa - aaa}{a + a} + \frac{aa - a}{a} \\ 5110 &:= \frac{aaaaa - aaaa}{a + a} + \frac{aaa - a}{a} \\ 51110 &:= \frac{aaaaaaa - aaaaa}{a + a} + \frac{aaaa - a}{a} \\ 511110 &:= \frac{aaaaaaaa - aaaaaa}{a + a} + \frac{aaaaa - a}{a} \end{aligned}$$

$$\begin{aligned} 511 &:= \frac{aaaa - aaa}{a + a} + \frac{aa}{a} \\ 5111 &:= \frac{aaaaa - aaaa}{a + a} + \frac{aaa}{a} \\ 51111 &:= \frac{aaaaaaa - aaaaa}{a + a} + \frac{aaaa}{a} \\ 511111 &:= \frac{aaaaaaaa - aaaaaa}{a + a} + \frac{aaaaa}{a} \end{aligned}$$

$$\begin{aligned} 512 &:= \frac{aaaa - aaa + aa + aa + a + a}{a + a} \\ 5512 &:= \frac{aaaaa - aaa + aa + aa + a + a}{a + a} \\ 55512 &:= \frac{aaaaaaa - aaa + aa + aa + a + a}{a + a} \\ 555512 &:= \frac{aaaaaaaa - aaa + aa + aa + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 513 &:= \frac{aaaa - aaa}{a + a} + \frac{aa + a + a}{a} \\ 5113 &:= \frac{aaaaa - aaaa}{a + a} + \frac{aaa + a + a}{a} \\ 51113 &:= \frac{aaaaaaa - aaaaa}{a + a} + \frac{aaaa + a + a}{a} \\ 511113 &:= \frac{aaaaaaaa - aaaaaa}{a + a} + \frac{aaaaa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 514 &:= \frac{aaaa - aaa}{a + a} + \frac{aa + a + a + a}{a} \\ 5114 &:= \frac{aaaaa - aaaa}{a + a} + \frac{aaa + a + a + a}{a} \\ 51114 &:= \frac{aaaaaaa - aaaaa}{a + a} + \frac{aaaa + a + a + a}{a} \\ 511114 &:= \frac{aaaaaaaa - aaaaaa}{a + a} + \frac{aaaaa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 515 &:= \frac{(aaa + a) \times (aa - a - a) + (a + a) \times aa}{(a + a) \times a} \\ 5015 &:= \frac{(aaaa + a) \times (aa - a - a) + (a + a) \times aa}{(a + a) \times a} \\ 50015 &:= \frac{(aaaaa + a) \times (aa - a - a) + (a + a) \times aa}{(a + a) \times a} \\ 500015 &:= \frac{(aaaaaa + a) \times (aa - a - a) + (a + a) \times aa}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 516 &:= \frac{(aaa + a) \times (aa - a - a) + (a + a) \times (aa + a)}{(a + a) \times a} \\ 5016 &:= \frac{(aaaa + a) \times (aa - a - a) + (a + a) \times (aa + a)}{(a + a) \times a} \\ 50016 &:= \frac{(aaaaa + a) \times (aa - a - a) + (a + a) \times (aa + a)}{(a + a) \times a} \\ 500016 &:= \frac{(aaaaaa + a) \times (aa - a - a) + (a + a) \times (aa + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 517 &:= \frac{aaaa - aaa + aa + aa + aa + a}{a + a} \\ 5517 &:= \frac{aaaaa - aaa + aa + aa + aa + a}{a + a} \\ 55517 &:= \frac{aaaaaaa - aaa + aa + aa + aa + a}{a + a} \\ 555517 &:= \frac{aaaaaaaa - aaa + aa + aa + aa + a}{a + a} \end{aligned}$$

$$\begin{aligned}
 518 &:= \frac{aaa \times aa + aaa \times (a + a + a)}{a \times (a + a + a)} \\
 1518 &:= \frac{aaa \times aa + aaaa \times (a + a + a)}{a \times (a + a + a)} \\
 11518 &:= \frac{aaa \times aa + aaaaa \times (a + a + a)}{a \times (a + a + a)} \\
 111518 &:= \frac{aaa \times aa + aaaaaa \times (a + a + a)}{a \times (a + a + a)} \\
 \\ 
 519 &:= \frac{aaa \times aa + (aaa + a) \times (a + a + a)}{a \times (a + a + a)} \\
 1519 &:= \frac{aaa \times aa + (aaaa + a) \times (a + a + a)}{a \times (a + a + a)} \\
 11519 &:= \frac{aaa \times aa + (aaaaa + a) \times (a + a + a)}{a \times (a + a + a)} \\
 111519 &:= \frac{aaa \times aa + (aaaaaa + a) \times (a + a + a)}{a \times (a + a + a)} \\
 \\ 
 520 &:= \frac{aaa \times aa + (aaa + a + a) \times (a + a + a)}{a \times (a + a + a)} \\
 5220 &:= \frac{aaa \times aaa + (aaaa + a + a) \times (a + a + a)}{a \times (a + a + a)} \\
 52220 &:= \frac{aaa \times aaaa + (aaaaa + a + a) \times (a + a + a)}{a \times (a + a + a)} \\
 522220 &:= \frac{aaa \times aaaaa + (aaaaaa + a + a) \times (a + a + a)}{a \times (a + a + a)} \\
 \\ 
 521 &:= \frac{aaaa - aaa + aa + aa + aa + aa - a - a}{a + a} \\
 5521 &:= \frac{aaaaa - aaa + aa + aa + aa + aa - a - a}{a + a} \\
 55521 &:= \frac{aaaaaa - aaa + aa + aa + aa + aa - a - a}{a + a} \\
 555521 &:= \frac{aaaaaaa - aaa + aa + aa + aa + aa - a - a}{a + a} \\
 \\ 
 522 &:= \frac{aaaa - aaa + aa + aa + aa + aa}{a + a} \\
 5522 &:= \frac{aaaaa - aaa + aa + aa + aa + aa}{a + a} \\
 55522 &:= \frac{aaaaaa - aaa + aa + aa + aa + aa}{a + a} \\
 555522 &:= \frac{aaaaaaa - aaa + aa + aa + aa + aa}{a + a}
 \end{aligned}$$

$$\begin{aligned}
 523 &:= \frac{aaaa - aaa + aa + aa + aa + aa + a + a}{a + a} \\
 5523 &:= \frac{aaaaa - aaa + aa + aa + aa + aa + a + a}{a + a} \\
 55523 &:= \frac{aaaaaa - aaa + aa + aa + aa + aa + a + a}{a + a} \\
 555523 &:= \frac{aaaaaaa - aaa + aa + aa + aa + aa + a + a}{a + a} \\
 \\ 
 524 &:= \frac{aaaa + aa}{a + a} - \frac{aaa}{a + a + a} \\
 5524 &:= \frac{aaaaa + aa}{a + a} - \frac{aaa}{a + a + a} \\
 55524 &:= \frac{aaaaaa + aa}{a + a} - \frac{aaa}{a + a + a} \\
 555524 &:= \frac{aaaaaaa + aa}{a + a} - \frac{aaa}{a + a + a} \\
 \\ 
 525 &:= \frac{(aa + aa + a + a + a) \times (aa + aa - a)}{a \times a} \\
 5525 &:= \frac{(aa + aa + a + a + a) \times (aaa + aaa - a)}{a \times a} \\
 55525 &:= \frac{(aa + aa + a + a + a) \times (aaaa + aaaa - a)}{a \times a} \\
 555525 &:= \frac{(aa + aa + a + a + a) \times (aaaaa + aaaaa - a)}{a \times a} \\
 \\ 
 526 &:= \frac{(aa + aa + a + a + a) \times (aa + aa - a) + a \times a}{a \times a} \\
 5526 &:= \frac{(aa + aa + a + a + a) \times (aaa + aaa - a) + a \times a}{a \times a} \\
 55526 &:= \frac{(aa + aa + a + a + a) \times (aaaa + aaaa - a) + a \times a}{a \times a} \\
 555526 &:= \frac{(aa + aa + a + a + a) \times (aaaaa + aaaaa - a) + a \times a}{a \times a} \\
 \\ 
 527 &:= \frac{(aa + aa + aa + aa) \times (aa + a) - a \times a}{a \times a} \\
 5327 &:= \frac{(aaa + aaa + aaa + aaa) \times (aa + a) - a \times a}{a \times a} \\
 53327 &:= \frac{(aaaa + aaaa + aaaa + aaaa) \times (aa + a) - a \times a}{a \times a} \\
 533327 &:= \frac{(aaaaa + aaaaa + aaaaa + aaaaa) \times (aa + a) - a \times a}{a \times a}
 \end{aligned}$$

$$\begin{aligned} 528 &:= \frac{(aa + aa + aa + aa) \times (aa + a)}{a \times a} \\ 5328 &:= \frac{(aaa + aaa + aaa + aaa) \times (aa + a)}{a \times a} \\ 53328 &:= \frac{(aaaa + aaaa + aaaa + aaaa) \times (aa + a)}{a \times a} \\ 533328 &:= \frac{(aaaaa + aaaaa + aaaaa + aaaaa) \times (aa + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 529 &:= \frac{(aa + aa + a) \times (aa + aa + a)}{a \times a} \\ 5129 &:= \frac{(aaa + aaa + a) \times (aa + aa + a)}{a \times a} \\ 51129 &:= \frac{(aaaa + aaaa + a) \times (aa + aa + a)}{a \times a} \\ 511129 &:= \frac{(aaaaa + aaaaa + a) \times (aa + aa + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 530 &:= \frac{(aa + aa + a) \times (aa + aa + a) + a \times a}{a \times a} \\ 5130 &:= \frac{(aaa + aaa + a) \times (aa + aa + a) + a \times a}{a \times a} \\ 51130 &:= \frac{(aaaa + aaaa + a) \times (aa + aa + a) + a \times a}{a \times a} \\ 511130 &:= \frac{(aaaaa + aaaaa + a) \times (aa + aa + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 531 &:= \frac{(aa + aa + a) \times (aa + aa + a) + a \times (a + a)}{a \times a} \\ 5131 &:= \frac{(aaa + aaa + a) \times (aa + aa + a) + a \times (a + a)}{a \times a} \\ 51131 &:= \frac{(aaaa + aaaa + a) \times (aa + aa + a) + a \times (a + a)}{a \times a} \\ 511131 &:= \frac{(aaaaa + aaaaa + a) \times (aa + aa + a) + a \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 532 &:= \frac{(aaa + aa + aa) \times (aa + a)}{(a + a + a) \times a} \\ 4532 &:= \frac{(aaaa + aa + aa) \times (aa + a)}{(a + a + a) \times a} \\ 44532 &:= \frac{(aaaaa + aa + aa) \times (aa + a)}{(a + a + a) \times a} \\ 444532 &:= \frac{(aaaaaa + aa + aa) \times (aa + a)}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 533 &:= \frac{(aaa + aa + a) \times (aa + a + a)}{(a + a + a) \times a} \\ 5343 &:= \frac{(aaaa + aaa + aa) \times (aa + a + a)}{(a + a + a) \times a} \\ 53443 &:= \frac{(aaaaa + aaaa + aaa) \times (aa + a + a)}{(a + a + a) \times a} \\ 534443 &:= \frac{(aaaaaa + aaaaa + aaaa) \times (aa + a + a)}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 534 &:= \frac{aaaa - aa - aa - aa - aa + a}{a + a} \\ 5434 &:= \frac{aaaaa - aa - aa - aa - aa + a}{a + a} \\ 55534 &:= \frac{aaaaaaa - aa - aa - aa - aa + a}{a + a} \\ 555534 &:= \frac{aaaaaaaa - aa - aa - aa - aa + a}{a + a} \end{aligned}$$

$$\begin{aligned} 535 &:= \frac{(aaa - a - a - a - a) \times (aaa - a)}{(aa + aa) \times a} \\ 5535 &:= \frac{(aaaa - a - a - a - a) \times (aaa - a)}{(aa + aa) \times a} \\ 55535 &:= \frac{(aaaaa - a - a - a - a) \times (aaa - a)}{(aa + aa) \times a} \\ 555535 &:= \frac{(aaaaaa - a - a - a - a) \times (aaa - a)}{(aa + aa) \times a} \end{aligned}$$

$$\begin{aligned} 536 &:= \frac{(aaa + aa + aa + a) \times (aa + a)}{(a + a + a) \times a} \\ 4536 &:= \frac{(aaaa + aa + aa + a) \times (aa + a)}{(a + a + a) \times a} \\ 44536 &:= \frac{(aaaaa + aa + aa + a) \times (aa + a)}{(a + a + a) \times a} \\ 444536 &:= \frac{(aaaaaa + aa + aa + a) \times (aa + a)}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 537 &:= \frac{aaaa - aa - aa - aa - a - a - a - a}{a + a} \\ 5537 &:= \frac{aaaaa - aa - aa - aa - a - a - a - a}{a + a} \\ 55537 &:= \frac{aaaaaa - aa - aa - aa - a - a - a - a}{a + a} \\ 555537 &:= \frac{aaaaaaa - aa - aa - aa - a - a - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 538 &:= \frac{aaaa - aa - aa - aa - a - a}{a + a} \\ 5538 &:= \frac{aaaaaa - aa - aa - aa - a - a}{a + a} \\ 55538 &:= \frac{aaaaaaaa - aa - aa - aa - a - a}{a + a} \\ 555538 &:= \frac{aaaaaaaaa - aa - aa - aa - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 539 &:= \frac{aaaa - aa - aa - aa}{a + a} \\ 5539 &:= \frac{aaaaaa - aa - aa - aa}{a + a} \\ 55539 &:= \frac{aaaaaaaa - aa - aa - aa}{a + a} \\ 555539 &:= \frac{aaaaaaaaa - aa - aa - aa}{a + a} \end{aligned}$$

$$\begin{aligned} 540 &:= \frac{aaaa - aa - aa - aa + a + a}{a + a} \\ 5540 &:= \frac{aaaaaa - aa - aa - aa + a + a}{a + a} \\ 55540 &:= \frac{aaaaaaaa - aa - aa - aa + a + a}{a + a} \\ 555540 &:= \frac{aaaaaaaaa - aa - aa - aa + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 541 &:= \frac{aaaa - aa - aa - aa + a + a + a + a}{a + a} \\ 5541 &:= \frac{aaaaaa - aa - aa - aa + a + a + a + a}{a + a} \\ 55541 &:= \frac{aaaaaaaa - aa - aa - aa + a + a + a + a}{a + a} \\ 555541 &:= \frac{aaaaaaaaa - aa - aa - aa + a + a + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 542 &:= \frac{aaaa - a}{a + a} - \frac{aa + a + a}{a} \\ 5542 &:= \frac{aaaaaa - a}{a + a} - \frac{aa + a + a}{a} \\ 55542 &:= \frac{aaaaaaaa - a}{a + a} - \frac{aa + a + a}{a} \\ 555542 &:= \frac{aaaaaaaaa - a}{a + a} - \frac{aa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 543 &:= \frac{aaaa - a}{a + a} - \frac{aa + a}{a} \\ 5543 &:= \frac{aaaaaa - a}{a + a} - \frac{aa + a}{a} \\ 55543 &:= \frac{aaaaaaaa - a}{a + a} - \frac{aa + a}{a} \\ 555543 &:= \frac{aaaaaaaaa - a}{a + a} - \frac{aa + a}{a} \end{aligned}$$

$$\begin{aligned} 544 &:= \frac{aaaa - a}{a + a} - \frac{aa}{a} \\ 5544 &:= \frac{aaaaaa - a}{a + a} - \frac{aa}{a} \\ 55544 &:= \frac{aaaaaaaa - a}{a + a} - \frac{aa}{a} \\ 555544 &:= \frac{aaaaaaaaa - a}{a + a} - \frac{aa}{a} \end{aligned}$$

$$\begin{aligned} 545 &:= \frac{aaaa + a}{a + a} - \frac{aa}{a} \\ 5545 &:= \frac{aaaaaa + a}{a + a} - \frac{aa}{a} \\ 55545 &:= \frac{aaaaaaaa + a}{a + a} - \frac{aa}{a} \\ 555545 &:= \frac{aaaaaaaaa + a}{a + a} - \frac{aa}{a} \end{aligned}$$

$$\begin{aligned} 546 &:= \frac{aaaa - aa - aa + a + a + a}{a + a} \\ 5546 &:= \frac{aaaaaa - aa - aa + a + a + a}{a + a} \\ 55546 &:= \frac{aaaaaaaa - aa - aa + a + a + a}{a + a} \\ 555546 &:= \frac{aaaaaaaaa - aa - aa + a + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 547 &:= \frac{aaaa - aa - a - a - a - a - a - a}{a + a} \\ 5547 &:= \frac{aaaaaa - aa - a - a - a - a - a - a}{a + a} \\ 55547 &:= \frac{aaaaaaaa - aa - a - a - a - a - a - a}{a + a} \\ 555547 &:= \frac{aaaaaaaaa - aa - a - a - a - a - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 548 &:= \frac{aaaa - aa - a - a - a - a}{a + a} \\ 5548 &:= \frac{aaaaa - aa - a - a - a - a}{a + a} \\ 55548 &:= \frac{aaaaaaa - aa - a - a - a - a}{a + a} \\ 555548 &:= \frac{aaaaaaaa - aa - a - a - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 549 &:= \frac{aaaa - aa - a - a}{a + a} \\ 5549 &:= \frac{aaaaa - aa - a - a}{a + a} \\ 55549 &:= \frac{aaaaaaa - aa - a - a}{a + a} \\ 555549 &:= \frac{aaaaaaaa - aa - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 550 &:= \frac{aaaa - aa}{a + a} \\ 5550 &:= \frac{aaaaa - aa}{a + a} \\ 55550 &:= \frac{aaaaaaa - aa}{a + a} \\ 555550 &:= \frac{aaaaaaaa - aa}{a + a} \end{aligned}$$

$$\begin{aligned} 551 &:= \frac{aaaa - aa + a + a}{a + a} \\ 5551 &:= \frac{aaaaa - aa + a + a}{a + a} \\ 55551 &:= \frac{aaaaaaa - aa + a + a}{a + a} \\ 555551 &:= \frac{aaaaaaaa - aa + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 552 &:= \frac{aaaa - aa + a + a + a + a}{a + a} \\ 5552 &:= \frac{aaaaa - aa + a + a + a + a}{a + a} \\ 55552 &:= \frac{aaaaaaa - aa + a + a + a + a}{a + a} \\ 555552 &:= \frac{aaaaaaaa - aa + a + a + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 553 &:= \frac{aaaa - a}{a + a} - \frac{a + a}{a} \\ 5553 &:= \frac{aaaaa - a}{a + a} - \frac{a + a}{a} \\ 55553 &:= \frac{aaaaaaa - a}{a + a} - \frac{a + a}{a} \\ 555553 &:= \frac{aaaaaaaa - a}{a + a} - \frac{a + a}{a} \end{aligned}$$

$$\begin{aligned} 554 &:= \frac{a \times (aaaa - a - a - a)}{(a + a) \times a} \\ 5554 &:= \frac{a \times (aaaaa - a - a - a)}{(a + a) \times a} \\ 55554 &:= \frac{a \times (aaaaaaa - a - a - a)}{(a + a) \times a} \\ 555554 &:= \frac{a \times (aaaaaaaa - a - a - a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 555 &:= \frac{aaaa - a}{a + a} \\ 5555 &:= \frac{aaaaa - a}{a + a} \\ 55555 &:= \frac{aaaaaaa - a}{a + a} \\ 555555 &:= \frac{aaaaaaaa - a}{a + a} \end{aligned}$$

$$\begin{aligned} 556 &:= \frac{aaaa + a}{a + a} \\ 5556 &:= \frac{aaaaa + a}{a + a} \\ 55556 &:= \frac{aaaaaaa + a}{a + a} \\ 555556 &:= \frac{aaaaaaaa + a}{a + a} \end{aligned}$$

$$\begin{aligned} 557 &:= \frac{aaaa + a + a + a}{a + a} \\ 5557 &:= \frac{aaaaa + a + a + a}{a + a} \\ 55557 &:= \frac{aaaaaaa + a + a + a}{a + a} \\ 555557 &:= \frac{aaaaaaaa + a + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 558 &:= \frac{aaaa + a}{a + a} + \frac{a + a}{a} \\ 5558 &:= \frac{aaaaa + a}{a + a} + \frac{a + a}{a} \\ 55558 &:= \frac{aaaaaaa + a}{a + a} + \frac{a + a}{a} \\ 555558 &:= \frac{aaaaaaaa + a}{a + a} + \frac{a + a}{a} \end{aligned}$$

$$\begin{aligned} 559 &:= \frac{aaaa + aa - a - a - a - a}{a + a} \\ 5559 &:= \frac{aaaaa + aa - a - a - a - a}{a + a} \\ 55559 &:= \frac{aaaaaaa + aa - a - a - a - a}{a + a} \\ 555559 &:= \frac{aaaaaaaa + aa - a - a - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 560 &:= \frac{aaaa + aa - a - a}{a + a} \\ 5560 &:= \frac{aaaaa + aa - a - a}{a + a} \\ 55560 &:= \frac{aaaaaaa + aa - a - a}{a + a} \\ 555560 &:= \frac{aaaaaaaa + aa - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 561 &:= \frac{aaaa + aa}{a + a} \\ 5561 &:= \frac{aaaaa + aa}{a + a} \\ 55561 &:= \frac{aaaaaaa + aa}{a + a} \\ 555561 &:= \frac{aaaaaaaa + aa}{a + a} \end{aligned}$$

$$\begin{aligned} 562 &:= \frac{aaaa + aa + a + a}{a + a} \\ 5562 &:= \frac{aaaaa + aa + a + a}{a + a} \\ 55562 &:= \frac{aaaaaaa + aa + a + a}{a + a} \\ 555562 &:= \frac{aaaaaaaa + aa + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 563 &:= \frac{aaaa + aa + a + a + a + a}{a + a} \\ 5563 &:= \frac{aaaaa + aa + a + a + a + a}{a + a} \\ 55563 &:= \frac{aaaaaaa + aa + a + a + a + a}{a + a} \\ 555563 &:= \frac{aaaaaaaa + aa + a + a + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 564 &:= \frac{aaaa + aa + a + a + a + a + a + a}{a + a} \\ 5564 &:= \frac{aaaaa + aa + a + a + a + a + a + a}{a + a} \\ 55564 &:= \frac{aaaaaaa + aa + a + a + a + a + a + a}{a + a} \\ 555564 &:= \frac{aaaaaaaa + aa + a + a + a + a + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 565 &:= \frac{(aaa + a + a) \times (aa - a)}{(a + a) \times a} \\ 6565 &:= \frac{(aaaa + a + a) \times (aa - a)}{(a + a) \times a} \\ 66565 &:= \frac{(aaaaa + a + a) \times (aa - a)}{(a + a) \times a} \\ 666565 &:= \frac{(aaaaaa + a + a) \times (aa - a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 566 &:= \frac{aaaa + aa + aa - a}{a + a} \\ 5566 &:= \frac{aaaaa + aa + aa - a}{a + a} \\ 55566 &:= \frac{aaaaaaa + aa + aa - a}{a + a} \\ 555566 &:= \frac{aaaaaaaa + aa + aa - a}{a + a} \end{aligned}$$

$$\begin{aligned} 567 &:= \frac{aaaa + aa + aa + a}{a + a} \\ 5567 &:= \frac{aaaaa + aa + aa + a}{a + a} \\ 55567 &:= \frac{aaaaaaa + aa + aa + a}{a + a} \\ 555567 &:= \frac{aaaaaaaa + aa + aa + a}{a + a} \end{aligned}$$

$$\begin{aligned} 568 &:= \frac{aaaa + a}{a + a} + \frac{aa + a}{a} \\ 5568 &:= \frac{aaaaa + a}{a + a} + \frac{aa + a}{a} \\ 55568 &:= \frac{aaaaaa + a}{a + a} + \frac{aa + a}{a} \\ 555568 &:= \frac{aaaaaaa + a}{a + a} + \frac{aa + a}{a} \end{aligned}$$

$$\begin{aligned} 569 &:= \frac{aaaa + a}{a + a} + \frac{aa + a + a}{a} \\ 5569 &:= \frac{aaaaa + a}{a + a} + \frac{aa + a + a}{a} \\ 55569 &:= \frac{aaaaaa + a}{a + a} + \frac{aa + a + a}{a} \\ 555569 &:= \frac{aaaaaaa + a}{a + a} + \frac{aa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 570 &:= \frac{aaaa + a}{a + a} + \frac{aa + a + a + a}{a} \\ 5570 &:= \frac{aaaaa + a}{a + a} + \frac{aa + a + a + a}{a} \\ 55570 &:= \frac{aaaaaa + a}{a + a} + \frac{aa + a + a + a}{a} \\ 555570 &:= \frac{aaaaaaa + a}{a + a} + \frac{aa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 571 &:= \frac{aaaa + aa + aa + aa - a - a}{a + a} \\ 5571 &:= \frac{aaaaa + aa + aa + aa - a - a}{a + a} \\ 55571 &:= \frac{aaaaaa + aa + aa + aa - a - a}{a + a} \\ 555571 &:= \frac{aaaaaaa + aa + aa + aa - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 572 &:= \frac{aaaa + aa + aa + aa}{a + a} \\ 5572 &:= \frac{aaaaa + aa + aa + aa}{a + a} \\ 55572 &:= \frac{aaaaaa + aa + aa + aa}{a + a} \\ 555572 &:= \frac{aaaaaaa + aa + aa + aa}{a + a} \end{aligned}$$

$$\begin{aligned} 573 &:= \frac{aaaa + aa + aa + aa + a + a}{a + a} \\ 5573 &:= \frac{aaaaa + aa + aa + aa + a + a}{a + a} \\ 55573 &:= \frac{aaaaaa + aa + aa + aa + a + a}{a + a} \\ 555573 &:= \frac{aaaaaaa + aa + aa + aa + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 574 &:= \frac{(aaa + aa + a) \times (aaa + a)}{(aa + a) \times (a + a)} \\ 5754 &:= \frac{(aaaa + aaa + aa) \times (aaa + a)}{(aa + a) \times (a + a)} \\ 57554 &:= \frac{(aaaaa + aaaa + aaa) \times (aaa + a)}{(aa + a) \times (a + a)} \\ 575554 &:= \frac{(aaaaaa + aaaaa + aaaa) \times (aaa + a)}{(aa + a) \times (a + a)} \end{aligned}$$

$$\begin{aligned} 575 &:= \frac{(aaa - aa) \times (aa + aa + a)}{(a + a + a + a) \times a} \\ 5750 &:= \frac{(aaaa - aaa) \times (aa + aa + a)}{(a + a + a + a) \times a} \\ 57500 &:= \frac{(aaaaa - aaaa) \times (aa + aa + a)}{(a + a + a + a) \times a} \\ 575000 &:= \frac{(aaaaaa - aaaaa) \times (aa + aa + a)}{(a + a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 576 &:= \frac{aaaa + aa + aa + aa + aa - a - a - a}{a + a} \\ 5576 &:= \frac{aaaaa + aa + aa + aa + aa - a - a - a}{a + a} \\ 55576 &:= \frac{aaaaaa + aa + aa + aa + aa - a - a - a}{a + a} \\ 555576 &:= \frac{aaaaaaa + aa + aa + aa + aa - a - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 577 &:= \frac{aaaa + aa + aa + aa + aa - a}{a + a} \\ 5577 &:= \frac{aaaaa + aa + aa + aa + aa - a}{a + a} \\ 55577 &:= \frac{aaaaaa + aa + aa + aa + aa - a}{a + a} \\ 555577 &:= \frac{aaaaaaa + aa + aa + aa + aa - a}{a + a} \end{aligned}$$



$$\begin{aligned} 578 &:= \frac{aaaa + aa + aa + aa + aa + a}{a + a} \\ 5578 &:= \frac{aaaaaa + aa + aa + aa + aa + a}{a + a} \\ 55578 &:= \frac{aaaaaaa + aa + aa + aa + aa + a}{a + a} \\ 555578 &:= \frac{aaaaaaaa + aa + aa + aa + aa + a}{a + a} \end{aligned}$$

$$\begin{aligned} 579 &:= \frac{aaaa + a}{a + a} + \frac{aa + aa + a}{a} \\ 5579 &:= \frac{aaaaa + a}{a + a} + \frac{aa + aa + a}{a} \\ 55579 &:= \frac{aaaaaa + a}{a + a} + \frac{aa + aa + a}{a} \\ 555579 &:= \frac{aaaaaaa + a}{a + a} + \frac{aa + aa + a}{a} \end{aligned}$$

$$\begin{aligned} 580 &:= \frac{aaaa + a}{a + a} + \frac{aa + aa + a + a}{a} \\ 5580 &:= \frac{aaaaa + a}{a + a} + \frac{aa + aa + a + a}{a} \\ 55580 &:= \frac{aaaaaa + a}{a + a} + \frac{aa + aa + a + a}{a} \\ 555580 &:= \frac{aaaaaaa + a}{a + a} + \frac{aa + aa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 581 &:= \frac{aaaa + a}{a + a} + \frac{aa + aa + a + a + a}{a} \\ 5581 &:= \frac{aaaaa + a}{a + a} + \frac{aa + aa + a + a + a}{a} \\ 55581 &:= \frac{aaaaaa + a}{a + a} + \frac{aa + aa + a + a + a}{a} \\ 555581 &:= \frac{aaaaaaa + a}{a + a} + \frac{aa + aa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 582 &:= \frac{aaaa + a}{a + a} + \frac{aa + aa + a + a + a + a}{a} \\ 5582 &:= \frac{aaaaa + a}{a + a} + \frac{aa + aa + a + a + a + a}{a} \\ 55582 &:= \frac{aaaaaa + a}{a + a} + \frac{aa + aa + a + a + a + a}{a} \\ 555582 &:= \frac{aaaaaaa + a}{a + a} + \frac{aa + aa + a + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 583 &:= \frac{aaa + a}{a + a + a + a} + \frac{aaaa - a}{a + a} \\ 5583 &:= \frac{aaa + a}{a + a + a + a} + \frac{aaaaa - a}{a + a} \\ 55583 &:= \frac{aaa + a}{a + a + a + a} + \frac{aaaaaa - a}{a + a} \\ 555583 &:= \frac{aaa + a}{a + a + a + a} + \frac{aaaaaaa - a}{a + a} \end{aligned}$$

$$\begin{aligned} 584 &:= \frac{aaa + a}{a + a + a + a} + \frac{aaaa + a}{a + a} \\ 5584 &:= \frac{aaa + a}{a + a + a + a} + \frac{aaaaa + a}{a + a} \\ 55584 &:= \frac{aaa + a}{a + a + a + a} + \frac{aaaaaa + a}{a + a} \\ 555584 &:= \frac{aaa + a}{a + a + a + a} + \frac{aaaaaaa + a}{a + a} \end{aligned}$$

$$\begin{aligned} 585 &:= \frac{(aaa + aaa + aa + a) \times (aa - a)}{(a + a) \times (a + a)} \\ 5585 &:= \frac{(aaaa + aaaa + aa + a) \times (aa - a)}{(a + a) \times (a + a)} \\ 55585 &:= \frac{(aaaaa + aaaaa + aa + a) \times (aa - a)}{(a + a) \times (a + a)} \\ 555585 &:= \frac{(aaaaaa + aaaaaa + aa + a) \times (aa - a)}{(a + a) \times (a + a)} \end{aligned}$$

$$\begin{aligned} 586 &:= \frac{(aa + aa + a) \times aa + aaa \times (a + a + a)}{a \times a} \\ 5886 &:= \frac{(aa + aa + a) \times aaa + aaaa \times (a + a + a)}{a \times a} \\ 58886 &:= \frac{(aa + aa + a) \times aaaa + aaaaa \times (a + a + a)}{a \times a} \\ 588886 &:= \frac{(aa + aa + a) \times aaaaa + aaaaaa \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 587 &:= \frac{aaaa - aa}{a + a} + \frac{aaa}{a + a + a} \\ 5587 &:= \frac{aaaaa - aa}{a + a} + \frac{aaa}{a + a + a} \\ 55587 &:= \frac{aaaaaa - aa}{a + a} + \frac{aaa}{a + a + a} \\ 555587 &:= \frac{aaaaaaa - aa}{a + a} + \frac{aaa}{a + a + a} \end{aligned}$$

$$\begin{aligned} 588 &:= \frac{aaaa - aa + a + a}{a + a} + \frac{aaa}{a + a + a} \\ 5588 &:= \frac{aaaaa - aa + a + a}{a + a} + \frac{aaa}{a + a + a} \\ 55588 &:= \frac{aaaaaa - aa + a + a}{a + a} + \frac{aaa}{a + a + a} \\ 555588 &:= \frac{aaaaaaa - aa + a + a}{a + a} + \frac{aaa}{a + a + a} \end{aligned}$$

$$\begin{aligned} 589 &:= \frac{(aaa - aa) \times (aa + a) - aa \times (a + a)}{(a + a) \times a} \\ 6589 &:= \frac{(aaaa - aa) \times (aa + a) - aa \times (a + a)}{(a + a) \times a} \\ 66589 &:= \frac{(aaaaa - aa) \times (aa + a) - aa \times (a + a)}{(a + a) \times a} \\ 666589 &:= \frac{(aaaaaa - aa) \times (aa + a) - aa \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 590 &:= \frac{(aaa - aa) \times (aa + a) - (aa - a) \times (a + a)}{(a + a) \times a} \\ 6590 &:= \frac{(aaaa - aa) \times (aa + a) - (aa - a) \times (a + a)}{(a + a) \times a} \\ 66590 &:= \frac{(aaaaa - aa) \times (aa + a) - (aa - a) \times (a + a)}{(a + a) \times a} \\ 666590 &:= \frac{(aaaaaa - aa) \times (aa + a) - (aa - a) \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 591 &:= \frac{(aaa + a) \times aaa - a \times (aa + aa - a)}{a \times (aa + aa - a)} \\ 592591 &:= \frac{(aaa + a) \times aaaaa - a \times (aa + aa - a)}{a \times (aa + aa - a)} \\ 592592591 &:= \frac{(aaa + a) \times aaaaaaaaa - a \times (aa + aa - a)}{a \times (aa + aa - a)} \\ 592592592591 &:= \frac{(aaa + a) \times aaaaaaaaaaaaa - a \times (aa + aa - a)}{a \times (aa + aa - a)} \end{aligned}$$

$$\begin{aligned} 592 &:= \frac{(aaa + a) \times aaa}{(aa + aa - a) \times a} \\ 592592 &:= \frac{(aaa + a) \times aaaaaa}{(aa + aa - a) \times a} \\ 592592592 &:= \frac{(aaa + a) \times aaaaaaaaa}{(aa + aa - a) \times a} \\ 592592592592 &:= \frac{(aaa + a) \times aaaaaaaaaaaaa}{(aa + aa - a) \times a} \end{aligned}$$

$$\begin{aligned} 593 &:= \frac{(aaa - a - a) \times aa - a \times (aa + a + a)}{(a + a) \times a} \\ 5983 &:= \frac{(aaaa - aa - aa) \times aa - a \times (aa + a + a)}{(a + a) \times a} \\ 59883 &:= \frac{(aaaaa - aaa - aaa) \times aa - a \times (aa + a + a)}{(a + a) \times a} \\ 598883 &:= \frac{(aaaaaa - aaaa - aaaa) \times aa - a \times (aa + a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 594 &:= \frac{(aaa - a - a) \times aa - a \times aa}{(a + a) \times a} \\ 5984 &:= \frac{(aaaa - aa - aa) \times aa - a \times aa}{(a + a) \times a} \\ 59884 &:= \frac{(aaaaa - aaa - aaa) \times aa - a \times aa}{(a + a) \times a} \\ 598884 &:= \frac{(aaaaaa - aaaa - aaaa) \times aa - a \times aa}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 595 &:= \frac{(aaa - a - a) \times aa - a \times (aa - a - a)}{(a + a) \times a} \\ 5985 &:= \frac{(aaaa - aa - aa) \times aa - a \times (aa - a - a)}{(a + a) \times a} \\ 59885 &:= \frac{(aaaaa - aaa - aaa) \times aa - a \times (aa - a - a)}{(a + a) \times a} \\ 598885 &:= \frac{(aaaaaa - aaaa - aaaa) \times aa - a \times (aa - a - a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 596 &:= \frac{aaaa \times (aa + a) - (aa - a) \times (aa + aa)}{a \times (aa + aa)} \\ 60596 &:= \frac{aaaaaa \times (aa + a) - (aa - a) \times (aa + aa)}{a \times (aa + aa)} \\ 6060596 &:= \frac{aaaaaaaa \times (aa + a) - (aa - a) \times (aa + aa)}{a \times (aa + aa)} \\ 606060596 &:= \frac{aaaaaaaaaa \times (aa + a) - (aa - a) \times (aa + aa)}{a \times (aa + aa)} \end{aligned}$$

$$\begin{aligned} 597 &:= \frac{(aaa - aa) \times (aa + a) - (a + a) \times (a + a + a)}{(a + a) \times a} \\ 6597 &:= \frac{(aaaa - aa) \times (aa + a) - (a + a) \times (a + a + a)}{(a + a) \times a} \\ 66597 &:= \frac{(aaaaa - aa) \times (aa + a) - (a + a) \times (a + a + a)}{(a + a) \times a} \\ 666597 &:= \frac{(aaaaaa - aa) \times (aa + a) - (a + a) \times (a + a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 598 &:= \frac{(aaa - aa) \times (aa + a) - (a + a) \times (a + a)}{(a + a) \times a} \\ 6598 &:= \frac{(aaaa - aa) \times (aa + a) - (a + a) \times (a + a)}{(a + a) \times a} \\ 66598 &:= \frac{(aaaaa - aa) \times (aa + a) - (a + a) \times (a + a)}{(a + a) \times a} \\ 666598 &:= \frac{(aaaaaa - aa) \times (aa + a) - (a + a) \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 599 &:= \frac{(aaa - a - a) \times aa - a \times a}{(a + a) \times a} \\ 5989 &:= \frac{(aaaa - aa - aa) \times aa - a \times a}{(a + a) \times a} \\ 59889 &:= \frac{(aaaaa - aaa - aaa) \times aa - a \times a}{(a + a) \times a} \\ 598889 &:= \frac{(aaaaaa - aaaa - aaaa) \times aa - a \times a}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 600 &:= \frac{aaaa + aaa + a + a}{a + a} - \frac{aa + a}{a} \\ 6100 &:= \frac{aaaaa + aaaa + a + a}{a + a} - \frac{aa + a}{a} \\ 61100 &:= \frac{aaaaaa + aaaaa + a + a}{a + a} - \frac{aa + a}{a} \\ 611100 &:= \frac{aaaaaaa + aaaaaa + a + a}{a + a} - \frac{aa + a}{a} \end{aligned}$$

$$\begin{aligned} 601 &:= \frac{aaaa + aaa + a + a}{a + a} - \frac{aa}{a} \\ 6101 &:= \frac{aaaaa + aaaa + a + a}{a + a} - \frac{aa}{a} \\ 61101 &:= \frac{aaaaaa + aaaaa + a + a}{a + a} - \frac{aa}{a} \\ 611101 &:= \frac{aaaaaaa + aaaaaa + a + a}{a + a} - \frac{aa}{a} \end{aligned}$$

$$\begin{aligned} 602 &:= \frac{aaaa + aaa + a + a}{a + a} - \frac{aa - a}{a} \\ 6102 &:= \frac{aaaaa + aaaa + a + a}{a + a} - \frac{aa - a}{a} \\ 61102 &:= \frac{aaaaaa + aaaaa + a + a}{a + a} - \frac{aa - a}{a} \\ 611102 &:= \frac{aaaaaaa + aaaaaa + a + a}{a + a} - \frac{aa - a}{a} \end{aligned}$$

$$\begin{aligned} 603 &:= \frac{(aaa - a) \times aa - (a + a) \times (a + a)}{(a + a) \times a} \\ 6103 &:= \frac{(aaaa - a) \times aa - (a + a) \times (a + a)}{(a + a) \times a} \\ 61103 &:= \frac{(aaaaa - a) \times aa - (a + a) \times (a + a)}{(a + a) \times a} \\ 611103 &:= \frac{(aaaaaa - a) \times aa - (a + a) \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 604 &:= \frac{(aaa - a) \times aa - (a + a) \times a}{(a + a) \times a} \\ 6104 &:= \frac{(aaaa - a) \times aa - (a + a) \times a}{(a + a) \times a} \\ 61104 &:= \frac{(aaaaa - a) \times aa - (a + a) \times a}{(a + a) \times a} \\ 611104 &:= \frac{(aaaaaa - a) \times aa - (a + a) \times a}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned}
 605 &:= \frac{(aaa - a) \times aa}{(a + a) \times a} \\
 6105 &:= \frac{(aaa - a) \times aaa}{(a + a) \times a} \\
 61105 &:= \frac{(aaa - a) \times aaaa}{(a + a) \times a} \\
 611105 &:= \frac{(aaa - a) \times aaaaa}{(a + a) \times a} \\
 606 &:= \frac{(aaa - a) \times aa + (a + a) \times a}{(a + a) \times a} \\
 6106 &:= \frac{(aaaa - a) \times aa + (a + a) \times a}{(a + a) \times a} \\
 61106 &:= \frac{(aaaaa - a) \times aa + (a + a) \times a}{(a + a) \times a} \\
 611106 &:= \frac{(aaaaaa - a) \times aa + (a + a) \times a}{(a + a) \times a} \\
 607 &:= \frac{(aaa - a) \times aa + (a + a) \times (a + a)}{(a + a) \times a} \\
 6107 &:= \frac{(aaa - a) \times aaa + (a + a) \times (a + a)}{(a + a) \times a} \\
 61107 &:= \frac{(aaa - a) \times aaaa + (a + a) \times (a + a)}{(a + a) \times a} \\
 611107 &:= \frac{(aaa - a) \times aaaaa + (a + a) \times (a + a)}{(a + a) \times a} \\
 608 &:= \frac{aaaa + aaa - a - a - a - a - a - a}{a + a} \\
 6108 &:= \frac{aaaaa + aaaa - a - a - a - a - a - a}{a + a} \\
 61108 &:= \frac{aaaaaa + aaaaa - a - a - a - a - a - a}{a + a} \\
 611108 &:= \frac{aaaaaaa + aaaaaa - a - a - a - a - a - a}{a + a} \\
 609 &:= \frac{aaaa + aaa - a - a - a - a}{a + a} \\
 6109 &:= \frac{aaaaa + aaaa - a - a - a - a}{a + a} \\
 61109 &:= \frac{aaaaaa + aaaaa - a - a - a - a}{a + a} \\
 611109 &:= \frac{aaaaaaa + aaaaaa - a - a - a - a}{a + a}
 \end{aligned}$$

$$\begin{aligned}
 610 &:= \frac{aaaa + aaa - a - a}{a + a} \\
 6110 &:= \frac{aaaaa + aaaa - a - a}{a + a} \\
 61110 &:= \frac{aaaaaa + aaaaa - a - a}{a + a} \\
 611110 &:= \frac{aaaaaaa + aaaaaa - a - a}{a + a} \\
 611 &:= \frac{aaaa + aaa}{a + a} \\
 6111 &:= \frac{aaaaa + aaaa}{a + a} \\
 61111 &:= \frac{aaaaaa + aaaaa}{a + a} \\
 611111 &:= \frac{aaaaaaa + aaaaaa}{a + a} \\
 612 &:= \frac{aaaa + aaa + a + a}{a + a} \\
 6112 &:= \frac{aaaaa + aaaa + a + a}{a + a} \\
 61112 &:= \frac{aaaaaa + aaaaa + a + a}{a + a} \\
 611112 &:= \frac{aaaaaaa + aaaaaa + a + a}{a + a} \\
 613 &:= \frac{aaaa + aaa + a + a + a + a}{a + a} \\
 6113 &:= \frac{aaaaa + aaaa + a + a + a + a}{a + a} \\
 61113 &:= \frac{aaaaaa + aaaaa + a + a + a + a}{a + a} \\
 611113 &:= \frac{aaaaaaa + aaaaaa + a + a + a + a}{a + a} \\
 614 &:= \frac{(aaa + a) \times aa - (a + a) \times (a + a)}{(a + a) \times a} \\
 6114 &:= \frac{(aaaa + a) \times aa - (a + a) \times (a + a)}{(a + a) \times a} \\
 61114 &:= \frac{(aaaaa + a) \times aa - (a + a) \times (a + a)}{(a + a) \times a} \\
 611114 &:= \frac{(aaaaaa + a) \times aa - (a + a) \times (a + a)}{(a + a) \times a}
 \end{aligned}$$

$$\begin{aligned} 615 &:= \frac{aaaa + aa + aaa - a - a - a}{a + a} \\ 5615 &:= \frac{aaaaa + aa + aaa - a - a - a}{a + a} \\ 55615 &:= \frac{aaaaaaa + aa + aaa - a - a - a}{a + a} \\ 555615 &:= \frac{aaaaaaaa + aa + aaa - a - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 616 &:= \frac{(aaa + a) \times aa}{(a + a) \times a} \\ 6216 &:= \frac{(aaa + a) \times aaa}{(a + a) \times a} \\ 62216 &:= \frac{(aaa + a) \times aaaa}{(a + a) \times a} \\ 622216 &:= \frac{(aaa + a) \times aaaaa}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 617 &:= \frac{aaaa + aa + aaa + a}{a + a} \\ 5617 &:= \frac{aaaaa + aa + aaa + a}{a + a} \\ 55617 &:= \frac{aaaaaaa + aa + aaa + a}{a + a} \\ 555617 &:= \frac{aaaaaaaa + aa + aaa + a}{a + a} \end{aligned}$$

$$\begin{aligned} 618 &:= \frac{aaaa + aa + aaa + a + a + a}{a + a} \\ 5618 &:= \frac{aaaaa + aa + aaa + a + a + a}{a + a} \\ 55618 &:= \frac{aaaaaaa + aa + aaa + a + a + a}{a + a} \\ 555618 &:= \frac{aaaaaaaa + aa + aaa + a + a + a}{a + a} \end{aligned}$$

$$\begin{aligned} 619 &:= \frac{(aaa + a) \times aa + (a + a) \times (a + a + a)}{(a + a) \times a} \\ 6219 &:= \frac{(aaa + a) \times aaa + (a + a) \times (a + a + a)}{(a + a) \times a} \\ 62219 &:= \frac{(aaa + a) \times aaaa + (a + a) \times (a + a + a)}{(a + a) \times a} \\ 622219 &:= \frac{(aaa + a) \times aaaaa + (a + a) \times (a + a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 620 &:= \frac{aaaa + aa + aaa + aa - a - a - a - a}{a + a} \\ 5620 &:= \frac{aaaaa + aa + aaa + aa - a - a - a - a}{a + a} \\ 55620 &:= \frac{aaaaaaa + aa + aaa + aa - a - a - a - a}{a + a} \\ 555620 &:= \frac{aaaaaaaa + aa + aaa + aa - a - a - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 621 &:= \frac{aaaa + aa + aaa + aa - a - a}{a + a} \\ 5621 &:= \frac{aaaaa + aa + aaa + aa - a - a}{a + a} \\ 55621 &:= \frac{aaaaaaa + aa + aaa + aa - a - a}{a + a} \\ 555621 &:= \frac{aaaaaaaa + aa + aaa + aa - a - a}{a + a} \end{aligned}$$

$$\begin{aligned} 622 &:= \frac{aaaa + aaa + a + a}{a + a} + \frac{aa - a}{a} \\ 6122 &:= \frac{aaaaa + aaaa + a + a}{a + a} + \frac{aa - a}{a} \\ 61122 &:= \frac{aaaaaaa + aaaaa + a + a}{a + a} + \frac{aa - a}{a} \\ 611122 &:= \frac{aaaaaaaa + aaaaaa + a + a}{a + a} + \frac{aa - a}{a} \end{aligned}$$

$$\begin{aligned} 623 &:= \frac{aaaa + aaa + a + a}{a + a} + \frac{aa}{a} \\ 6123 &:= \frac{aaaaa + aaaa + a + a}{a + a} + \frac{aa}{a} \\ 61123 &:= \frac{aaaaaaa + aaaaa + a + a}{a + a} + \frac{aa}{a} \\ 611123 &:= \frac{aaaaaaaa + aaaaaa + a + a}{a + a} + \frac{aa}{a} \end{aligned}$$

$$\begin{aligned} 624 &:= \frac{aaaa + aaa + a + a}{a + a} + \frac{aa + a}{a} \\ 6124 &:= \frac{aaaaa + aaaa + a + a}{a + a} + \frac{aa + a}{a} \\ 61124 &:= \frac{aaaaaaa + aaaaa + a + a}{a + a} + \frac{aa + a}{a} \\ 611124 &:= \frac{aaaaaaaa + aaaaaa + a + a}{a + a} + \frac{aa + a}{a} \end{aligned}$$

$$\begin{aligned} 625 &:= \frac{(aaa + a) \times aa + (aa - a - a) \times (a + a)}{(a + a) \times a} \\ 6225 &:= \frac{(aaa + a) \times aaa + (aa - a - a) \times (a + a)}{(a + a) \times a} \\ 62225 &:= \frac{(aaa + a) \times aaaa + (aa - a - a) \times (a + a)}{(a + a) \times a} \\ 622225 &:= \frac{(aaa + a) \times aaaaa + (aa - a - a) \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 626 &:= \frac{(aaa + a) \times aa + (aa - a) \times (a + a)}{(a + a) \times a} \\ 6226 &:= \frac{(aaa + a) \times aaa + (aa - a) \times (a + a)}{(a + a) \times a} \\ 62226 &:= \frac{(aaa + a) \times aaaa + (aa - a) \times (a + a)}{(a + a) \times a} \\ 622226 &:= \frac{(aaa + a) \times aaaaa + (aa - a) \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 627 &:= \frac{(aaa + a + a + a) \times aa}{(a + a) \times a} \\ 6127 &:= \frac{(aaaa + a + a + a) \times aa}{(a + a) \times a} \\ 61127 &:= \frac{(aaaaa + a + a + a) \times aa}{(a + a) \times a} \\ 611127 &:= \frac{(aaaaaa + a + a + a) \times aa}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 628 &:= \frac{(aaa + a) \times aa + (a + a) \times (aa + a)}{(a + a) \times a} \\ 6228 &:= \frac{(aaaa + a) \times aa + (a + a) \times (aaa + a)}{(a + a) \times a} \\ 62228 &:= \frac{(aaaaa + a) \times aa + (a + a) \times (aaaa + a)}{(a + a) \times a} \\ 622228 &:= \frac{(aaaaaa + a) \times aa + (a + a) \times (aaaaa + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 629 &:= \frac{(aaa + a) \times aa + (a + a) \times (aa + a + a)}{(a + a) \times a} \\ 6329 &:= \frac{(aaa + a) \times aaa + (a + a) \times (aaa + a + a)}{(a + a) \times a} \\ 63329 &:= \frac{(aaa + a) \times aaaa + (a + a) \times (aaaa + a + a)}{(a + a) \times a} \\ 633329 &:= \frac{(aaa + a) \times aaaaa + (a + a) \times (aaaaa + a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 630 &:= \frac{(aaa + aaa - aa - a) \times (a + a + a)}{a \times a} \\ 3630 &:= \frac{(aaaa + aaa - aa - a) \times (a + a + a)}{a \times a} \\ 33630 &:= \frac{(aaaaa + aaa - aa - a) \times (a + a + a)}{a \times a} \\ 333630 &:= \frac{(aaaaaa + aaa - aa - a) \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 631 &:= \frac{(aaa + aaa - aa - a) \times (a + a + a) + a \times a}{a \times a} \\ 3631 &:= \frac{(aaaa + aaa - aa - a) \times (a + a + a) + a \times a}{a \times a} \\ 33631 &:= \frac{(aaaaa + aaa - aa - a) \times (a + a + a) + a \times a}{a \times a} \\ 333631 &:= \frac{(aaaaaa + aaa - aa - a) \times (a + a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 632 &:= \frac{(aaa + aaa - aa) \times (a + a + a) - a \times a}{a \times a} \\ 3632 &:= \frac{(aaaa + aaa - aa) \times (a + a + a) - a \times a}{a \times a} \\ 33632 &:= \frac{(aaaaa + aaa - aa) \times (a + a + a) - a \times a}{a \times a} \\ 333632 &:= \frac{(aaaaaa + aaa - aa) \times (a + a + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 633 &:= \frac{(aaa + aaa - aa) \times (a + a + a)}{a \times a} \\ 3633 &:= \frac{(aaaa + aaa - aa) \times (a + a + a)}{a \times a} \\ 33633 &:= \frac{(aaaaa + aaa - aa) \times (a + a + a)}{a \times a} \\ 333633 &:= \frac{(aaaaaa + aaa - aa) \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 634 &:= \frac{(aaa + aaa - aa) \times (a + a + a) + a \times a}{a \times a} \\ 3634 &:= \frac{(aaaa + aaa - aa) \times (a + a + a) + a \times a}{a \times a} \\ 33634 &:= \frac{(aaaaa + aaa - aa) \times (a + a + a) + a \times a}{a \times a} \\ 333634 &:= \frac{(aaaaaa + aaa - aa) \times (a + a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 635 &:= \frac{(aaa + aaa - aa + a) \times (a + a + a) - a \times a}{a \times a} \\ 3635 &:= \frac{(aaaa + aaa - aa + a) \times (a + a + a) - a \times a}{a \times a} \\ 33635 &:= \frac{(aaaaa + aaa - aa + a) \times (a + a + a) - a \times a}{a \times a} \\ 333635 &:= \frac{(aaaaaa + aaa - aa + a) \times (a + a + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 636 &:= \frac{(aaa + aaa - aa + a) \times (a + a + a)}{a \times a} \\ 3636 &:= \frac{(aaaa + aaa - aa + a) \times (a + a + a)}{a \times a} \\ 33636 &:= \frac{(aaaaa + aaa - aa + a) \times (a + a + a)}{a \times a} \\ 333636 &:= \frac{(aaaaaa + aaa - aa + a) \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 637 &:= \frac{(aaa + aaa - aa + a) \times (a + a + a) + a \times a}{a \times a} \\ 3637 &:= \frac{(aaaa + aaa - aa + a) \times (a + a + a) + a \times a}{a \times a} \\ 33637 &:= \frac{(aaaaa + aaa - aa + a) \times (a + a + a) + a \times a}{a \times a} \\ 333637 &:= \frac{(aaaaaa + aaa - aa + a) \times (a + a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 638 &:= \frac{(aaa + a) \times aa + (aa + aa) \times (a + a)}{(a + a) \times a} \\ 6238 &:= \frac{(aaa + a) \times aaa + (aa + aa) \times (a + a)}{(a + a) \times a} \\ 62238 &:= \frac{(aaa + a) \times aaaa + (aa + aa) \times (a + a)}{(a + a) \times a} \\ 622238 &:= \frac{(aaa + a) \times aaaaa + (aa + aa) \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 639 &:= \frac{aaaa + aaa}{a + a} + \frac{aaa + a}{a + a + a + a} \\ 5639 &:= \frac{aaaaa + aaa}{a + a} + \frac{aaa + a}{a + a + a + a} \\ 55639 &:= \frac{aaaaaa + aaa}{a + a} + \frac{aaa + a}{a + a + a + a} \\ 555639 &:= \frac{aaaaaaa + aaa}{a + a} + \frac{aaa + a}{a + a + a + a} \end{aligned}$$

$$\begin{aligned} 640 &:= \frac{aaaa - aa - aa - aa}{a + a} + \frac{aaaa}{aa} \\ 5640 &:= \frac{aaaaa - aa - aa - aa}{a + a} + \frac{aaaa}{aa} \\ 55640 &:= \frac{aaaaaa - aa - aa - aa}{a + a} + \frac{aaaa}{aa} \\ 555640 &:= \frac{aaaaaaa - aa - aa - aa}{a + a} + \frac{aaaa}{aa} \end{aligned}$$

$$\begin{aligned} 641 &:= \frac{(aaa + aaa + aaa - aa - a) \times (a + a) - a \times a}{a \times a} \\ 2641 &:= \frac{(aaaa + aaa + aaa - aa - a) \times (a + a) - a \times a}{a \times a} \\ 22641 &:= \frac{(aaaaa + aaa + aaa - aa - a) \times (a + a) - a \times a}{a \times a} \\ 222641 &:= \frac{(aaaaaa + aaa + aaa - aa - a) \times (a + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 642 &:= \frac{(aaa + aaa + aaa - aa - a) \times (a + a)}{a \times a} \\ 2642 &:= \frac{(aaaa + aaa + aaa - aa - a) \times (a + a)}{a \times a} \\ 22642 &:= \frac{(aaaaa + aaa + aaa - aa - a) \times (a + a)}{a \times a} \\ 222642 &:= \frac{(aaaaaa + aaa + aaa - aa - a) \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 643 &:= \frac{(aaa + aaa + aaa - aa - a) \times (a + a) + a \times a}{a \times a} \\ 2643 &:= \frac{(aaaa + aaa + aaa - aa - a) \times (a + a) + a \times a}{a \times a} \\ 22643 &:= \frac{(aaaaa + aaa + aaa - aa - a) \times (a + a) + a \times a}{a \times a} \\ 222643 &:= \frac{(aaaaaa + aaa + aaa - aa - a) \times (a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 644 &:= \frac{aaa \times (aa + a) - (aa + aa) \times (a + a)}{(a + a) \times a} \\ 6644 &:= \frac{aaaa \times (aa + a) - (aa + aa) \times (a + a)}{(a + a) \times a} \\ 66644 &:= \frac{aaaaa \times (aa + a) - (aa + aa) \times (a + a)}{(a + a) \times a} \\ 666644 &:= \frac{aaaaaa \times (aa + a) - (aa + aa) \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 645 &:= \frac{aaaa - aa - aa - a}{a + a} + \frac{aaaa}{aa} \\ 5645 &:= \frac{aaaaa - aa - aa - a}{a + a} + \frac{aaaa}{aa} \\ 55645 &:= \frac{aaaaaa - aa - aa - a}{a + a} + \frac{aaaa}{aa} \\ 555645 &:= \frac{aaaaaaa - aa - aa - a}{a + a} + \frac{aaaa}{aa} \end{aligned}$$

$$\begin{aligned} 646 &:= \frac{aaaa - aa - aa + a}{a + a} + \frac{aaaa}{aa} \\ 5646 &:= \frac{aaaaa - aa - aa + a}{a + a} + \frac{aaaa}{aa} \\ 55646 &:= \frac{aaaaaa - aa - aa + a}{a + a} + \frac{aaaa}{aa} \\ 555646 &:= \frac{aaaaaaa - aa - aa + a}{a + a} + \frac{aaaa}{aa} \end{aligned}$$

$$\begin{aligned} 647 &:= \frac{aaaa + aaa - a - a}{a + a} + \frac{aaa}{a + a + a} \\ 5647 &:= \frac{aaaaa + aaa - a - a}{a + a} + \frac{aaa}{a + a + a} \\ 55647 &:= \frac{aaaaaa + aaa - a - a}{a + a} + \frac{aaa}{a + a + a} \\ 555647 &:= \frac{aaaaaaa + aaa - a - a}{a + a} + \frac{aaa}{a + a + a} \end{aligned}$$

$$\begin{aligned} 648 &:= \frac{aaaa + aaa}{a + a} + \frac{aaa}{a + a + a} \\ 5648 &:= \frac{aaaaa + aaa}{a + a} + \frac{aaa}{a + a + a} \\ 55648 &:= \frac{aaaaaa + aaa}{a + a} + \frac{aaa}{a + a + a} \\ 555648 &:= \frac{aaaaaaa + aaa}{a + a} + \frac{aaa}{a + a + a} \end{aligned}$$

$$\begin{aligned} 649 &:= \frac{aaaa + aaa + a + a}{a + a} + \frac{aaa}{a + a + a} \\ 5649 &:= \frac{aaaaa + aaa + a + a}{a + a} + \frac{aaa}{a + a + a} \\ 55649 &:= \frac{aaaaaa + aaa + a + a}{a + a} + \frac{aaa}{a + a + a} \\ 555649 &:= \frac{aaaaaaa + aaa + a + a}{a + a} + \frac{aaa}{a + a + a} \end{aligned}$$

$$\begin{aligned} 650 &:= \frac{aaaa - aa - a - a}{a + a} + \frac{aaaa}{aa} \\ 5650 &:= \frac{aaaaa - aa - a - a}{a + a} + \frac{aaaa}{aa} \\ 55650 &:= \frac{aaaaaa - aa - a - a}{a + a} + \frac{aaaa}{aa} \\ 555650 &:= \frac{aaaaaaa - aa - a - a}{a + a} + \frac{aaaa}{aa} \end{aligned}$$

$$\begin{aligned} 651 &:= \frac{aaaa - aa}{a + a} + \frac{aaaa}{aa} \\ 5651 &:= \frac{aaaaa - aa}{a + a} + \frac{aaaa}{aa} \\ 55651 &:= \frac{aaaaaa - aa}{a + a} + \frac{aaaa}{aa} \\ 555651 &:= \frac{aaaaaaa - aa}{a + a} + \frac{aaaa}{aa} \end{aligned}$$

$$\begin{aligned} 652 &:= \frac{aaaa - aa + a + a}{a + a} + \frac{aaaa}{aa} \\ 5652 &:= \frac{aaaaa - aa + a + a}{a + a} + \frac{aaaa}{aa} \\ 55652 &:= \frac{aaaaaa - aa + a + a}{a + a} + \frac{aaaa}{aa} \\ 555652 &:= \frac{aaaaaaa - aa + a + a}{a + a} + \frac{aaaa}{aa} \end{aligned}$$

$$\begin{aligned} 653 &:= \frac{(aaa - a - a) \times (aa + a) - a \times (a + a)}{(a + a) \times a} \\ 6653 &:= \frac{(aaaa - a - a) \times (aa + a) - a \times (a + a)}{(a + a) \times a} \\ 66653 &:= \frac{(aaaaa - a - a) \times (aa + a) - a \times (a + a)}{(a + a) \times a} \\ 666653 &:= \frac{(aaaaaa - a - a) \times (aa + a) - a \times (a + a)}{(a + a) \times a} \end{aligned}$$



$$\begin{aligned}
 654 &:= \frac{(aaa - a - a) \times (aa + a)}{(a + a) \times a} \\
 6654 &:= \frac{(aaaa - a - a) \times (aa + a)}{(a + a) \times a} \\
 66654 &:= \frac{(aaaaa - a - a) \times (aa + a)}{(a + a) \times a} \\
 666654 &:= \frac{(aaaaaa - a - a) \times (aa + a)}{(a + a) \times a} \\
 \\ 
 655 &:= \frac{aaa \times (aa + a) - aa \times (a + a)}{(a + a) \times a} \\
 6655 &:= \frac{aaaa \times (aa + a) - aa \times (a + a)}{(a + a) \times a} \\
 66655 &:= \frac{aaaaa \times (aa + a) - aa \times (a + a)}{(a + a) \times a} \\
 666655 &:= \frac{aaaaaa \times (aa + a) - aa \times (a + a)}{(a + a) \times a} \\
 \\ 
 656 &:= \frac{aaa \times (aa + a) - (aa - a) \times (a + a)}{(a + a) \times a} \\
 6656 &:= \frac{aaaa \times (aa + a) - (aa - a) \times (a + a)}{(a + a) \times a} \\
 66656 &:= \frac{aaaaa \times (aa + a) - (aa - a) \times (a + a)}{(a + a) \times a} \\
 666656 &:= \frac{aaaaaa \times (aa + a) - (aa - a) \times (a + a)}{(a + a) \times a} \\
 \\ 
 657 &:= \frac{aaa \times (aa + a) - (aa - a - a) \times (a + a)}{(a + a) \times a} \\
 6657 &:= \frac{aaaa \times (aa + a) - (aa - a - a) \times (a + a)}{(a + a) \times a} \\
 66657 &:= \frac{aaaaa \times (aa + a) - (aa - a - a) \times (a + a)}{(a + a) \times a} \\
 666657 &:= \frac{aaaaaa \times (aa + a) - (aa - a - a) \times (a + a)}{(a + a) \times a}
 \end{aligned}$$

$$\begin{aligned}
 658 &:= \frac{(aaa + aa) \times aa - (aa + a + a) \times (a + a)}{(a + a) \times a} \\
 6758 &:= \frac{(aaa + aa) \times aaaa - (aa + a + a) \times (a + a)}{(a + a) \times a} \\
 67758 &:= \frac{(aaa + aa) \times aaaaa - (aa + a + a) \times (a + a)}{(a + a) \times a} \\
 677758 &:= \frac{(aaa + aa) \times aaaaaa - (aa + a + a) \times (a + a)}{(a + a) \times a} \\
 \\ 
 659 &:= \frac{aaaa - aa - a - a}{a + a} + \frac{aaa - a}{a} \\
 5659 &:= \frac{aaaaa - aa - a - a}{a + a} + \frac{aaa - a}{a} \\
 55659 &:= \frac{aaaaaa - aa - a - a}{a + a} + \frac{aaa - a}{a} \\
 555659 &:= \frac{aaaaaaa - aa - a - a}{a + a} + \frac{aaa - a}{a} \\
 \\ 
 660 &:= \frac{aaaa - aa}{a + a} + \frac{aaa - a}{a} \\
 5660 &:= \frac{aaaaa - aa}{a + a} + \frac{aaa - a}{a} \\
 55660 &:= \frac{aaaaaa - aa}{a + a} + \frac{aaa - a}{a} \\
 555660 &:= \frac{aaaaaaa - aa}{a + a} + \frac{aaa - a}{a} \\
 \\ 
 661 &:= \frac{aaaa - aa + a + a}{a + a} + \frac{aaa - a}{a} \\
 5661 &:= \frac{aaaaa - aa + a + a}{a + a} + \frac{aaa - a}{a} \\
 55661 &:= \frac{aaaaaa - aa + a + a}{a + a} + \frac{aaa - a}{a} \\
 555661 &:= \frac{aaaaaaa - aa + a + a}{a + a} + \frac{aaa - a}{a} \\
 \\ 
 662 &:= \frac{aaaa + aa}{a + a} + \frac{aaaa}{aa} \\
 5662 &:= \frac{aaaaa + aa}{a + a} + \frac{aaaa}{aa} \\
 55662 &:= \frac{aaaaaa + aa}{a + a} + \frac{aaaa}{aa} \\
 555662 &:= \frac{aaaaaaa + aa}{a + a} + \frac{aaaa}{aa}
 \end{aligned}$$

$$\begin{aligned} 663 &:= \frac{aaaa + aa + a + a}{a + a} + \frac{aaaa}{aa} \\ 5663 &:= \frac{aaaaa + aa + a + a}{a + a} + \frac{aaaa}{aa} \\ 55663 &:= \frac{aaaaaa + aa + a + a}{a + a} + \frac{aaaa}{aa} \\ 555663 &:= \frac{aaaaaaa + aa + a + a}{a + a} + \frac{aaaa}{aa} \end{aligned}$$

$$\begin{aligned} 664 &:= \frac{aaa \times (aa + a) - (a + a) \times (a + a)}{(a + a) \times a} \\ 6664 &:= \frac{aaaa \times (aa + a) - (a + a) \times (a + a)}{(a + a) \times a} \\ 66664 &:= \frac{aaaaa \times (aa + a) - (a + a) \times (a + a)}{(a + a) \times a} \\ 666664 &:= \frac{aaaaaa \times (aa + a) - (a + a) \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 665 &:= \frac{aaa \times (aa + a) - (a + a) \times a}{(a + a) \times a} \\ 6665 &:= \frac{aaaa \times (aa + a) - (a + a) \times a}{(a + a) \times a} \\ 66665 &:= \frac{aaaaa \times (aa + a) - (a + a) \times a}{(a + a) \times a} \\ 666665 &:= \frac{aaaaaa \times (aa + a) - (a + a) \times a}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 666 &:= \frac{aaa \times (aa + a)}{(a + a) \times a} \\ 6666 &:= \frac{aaaa \times (aa + a)}{(a + a) \times a} \\ 66666 &:= \frac{aaaaa \times (aa + a)}{(a + a) \times a} \\ 666666 &:= \frac{aaaaaa \times (aa + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 667 &:= \frac{aaa \times (aa + a) + (a + a) \times a}{(a + a) \times a} \\ 6667 &:= \frac{aaaa \times (aa + a) + (a + a) \times a}{(a + a) \times a} \\ 66667 &:= \frac{aaaaa \times (aa + a) + (a + a) \times a}{(a + a) \times a} \\ 666667 &:= \frac{aaaaaa \times (aa + a) + (a + a) \times a}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 668 &:= \frac{aaaa + a}{a + a} + \frac{aaa + a}{a} \\ 6668 &:= \frac{aaaaa + a}{a + a} + \frac{aaaa + a}{a} \\ 66668 &:= \frac{aaaaaa + a}{a + a} + \frac{aaaaa + a}{a} \\ 666668 &:= \frac{aaaaaaa + a}{a + a} + \frac{aaaaaa + a}{a} \end{aligned}$$

$$\begin{aligned} 669 &:= \frac{aaaa + a}{a + a} + \frac{aaa + a + a}{a} \\ 6669 &:= \frac{aaaaa + a}{a + a} + \frac{aaaa + a + a}{a} \\ 66669 &:= \frac{aaaaaa + a}{a + a} + \frac{aaaaa + a + a}{a} \\ 666669 &:= \frac{aaaaaaa + a}{a + a} + \frac{aaaaaa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 670 &:= \frac{aaaa + a}{a + a} + \frac{aaa + a + a + a}{a} \\ 6670 &:= \frac{aaaaa + a}{a + a} + \frac{aaaa + a + a + a}{a} \\ 66670 &:= \frac{aaaaaa + a}{a + a} + \frac{aaaaa + a + a + a}{a} \\ 666670 &:= \frac{aaaaaaa + a}{a + a} + \frac{aaaaaa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 671 &:= \frac{(aaa + aa) \times (aa + aa)}{(a + a) \times (a + a)} \\ 6171 &:= \frac{(aaaa + aa) \times (aa + aa)}{(a + a) \times (a + a)} \\ 61171 &:= \frac{(aaaaa + aa) \times (aa + aa)}{(a + a) \times (a + a)} \\ 611171 &:= \frac{(aaaaaa + aa) \times (aa + aa)}{(a + a) \times (a + a)} \end{aligned}$$

$$\begin{aligned} 672 &:= \frac{(aaa + a) \times (aa + a)}{(a + a) \times a} \\ 6672 &:= \frac{(aaaa + a) \times (aa + a)}{(a + a) \times a} \\ 66672 &:= \frac{(aaaaa + a) \times (aa + a)}{(a + a) \times a} \\ 666672 &:= \frac{(aaaaaa + a) \times (aa + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 673 &:= \frac{(aaa + a) \times (aa + a) + (a + a) \times a}{(a + a) \times a} \\ 6673 &:= \frac{(aaaa + a) \times (aa + a) + (a + a) \times a}{(a + a) \times a} \\ 66673 &:= \frac{(aaaaa + a) \times (aa + a) + (a + a) \times a}{(a + a) \times a} \\ 666673 &:= \frac{(aaaaaa + a) \times (aa + a) + (a + a) \times a}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 674 &:= \frac{(aaa + a) \times (aa + a) + (a + a) \times (a + a)}{(a + a) \times a} \\ 6674 &:= \frac{(aaaa + a) \times (aa + a) + (a + a) \times (a + a)}{(a + a) \times a} \\ 66674 &:= \frac{(aaaaa + a) \times (aa + a) + (a + a) \times (a + a)}{(a + a) \times a} \\ 666674 &:= \frac{(aaaaaa + a) \times (aa + a) + (a + a) \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 675 &:= \frac{(aa + a) \times aaa + (aa - a - a) \times (a + a)}{(a + a) \times a} \\ 6675 &:= \frac{(aa + a) \times aaaa + (aa - a - a) \times (a + a)}{(a + a) \times a} \\ 66675 &:= \frac{(aa + a) \times aaaaa + (aa - a - a) \times (a + a)}{(a + a) \times a} \\ 666675 &:= \frac{(aa + a) \times aaaaaa + (aa - a - a) \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 676 &:= \frac{aaa \times (aa + a) + (aa - a) \times (a + a)}{(a + a) \times a} \\ 6676 &:= \frac{aaaa \times (aa + a) + (aa - a) \times (a + a)}{(a + a) \times a} \\ 66676 &:= \frac{aaaaa \times (aa + a) + (aa - a) \times (a + a)}{(a + a) \times a} \\ 666676 &:= \frac{aaaaaa \times (aa + a) + (aa - a) \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 677 &:= \frac{aaa \times (aa + a) + aa \times (a + a)}{(a + a) \times a} \\ 6677 &:= \frac{aaaa \times (aa + a) + aa \times (a + a)}{(a + a) \times a} \\ 66677 &:= \frac{aaaaa \times (aa + a) + aa \times (a + a)}{(a + a) \times a} \\ 666677 &:= \frac{aaaaaa \times (aa + a) + aa \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 678 &:= \frac{(aaa + a + a) \times (aa + a)}{(a + a) \times a} \\ 6678 &:= \frac{(aaaa + a + a) \times (aa + a)}{(a + a) \times a} \\ 66678 &:= \frac{(aaaaa + a + a) \times (aa + a)}{(a + a) \times a} \\ 666678 &:= \frac{(aaaaaa + a + a) \times (aa + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 679 &:= \frac{aaaa + a}{a + a} + \frac{aaa + aa + a}{a} \\ 6679 &:= \frac{aaaaa + a}{a + a} + \frac{aaaa + aa + a}{a} \\ 66679 &:= \frac{aaaaaa + a}{a + a} + \frac{aaaaa + aa + a}{a} \\ 666679 &:= \frac{aaaaaaa + a}{a + a} + \frac{aaaaaa + aa + a}{a} \end{aligned}$$

$$\begin{aligned} 680 &:= \frac{aaaa + a}{a + a} + \frac{aaa + aa + a + a}{a} \\ 6680 &:= \frac{aaaaa + a}{a + a} + \frac{aaaa + aa + a + a}{a} \\ 66680 &:= \frac{aaaaaa + a}{a + a} + \frac{aaaaa + aa + a + a}{a} \\ 666680 &:= \frac{aaaaaaa + a}{a + a} + \frac{aaaaaa + aa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 681 &:= \frac{(aaa + aa) \times aa + (aa - a) \times (a + a)}{(a + a) \times a} \\ 6181 &:= \frac{(aaaa + aa) \times aa + (aa - a) \times (a + a)}{(a + a) \times a} \\ 61181 &:= \frac{(aaaaa + aa) \times aa + (aa - a) \times (a + a)}{(a + a) \times a} \\ 611181 &:= \frac{(aaaaaa + aa) \times aa + (aa - a) \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 682 &:= \frac{(aaa + aa) \times aa + aa \times (a + a)}{(a + a) \times a} \\ 6182 &:= \frac{(aaaa + aa) \times aa + aa \times (a + a)}{(a + a) \times a} \\ 61182 &:= \frac{(aaaaa + aa) \times aa + aa \times (a + a)}{(a + a) \times a} \\ 611182 &:= \frac{(aaaaaa + aa) \times aa + aa \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 683 &:= \frac{aaaa + aa}{a + a} + \frac{aaa + aa}{a} \\ 6683 &:= \frac{aaaaa + aa}{a + a} + \frac{aaaa + aa}{a} \\ 66683 &:= \frac{aaaaaa + aa}{a + a} + \frac{aaaaa + aa}{a} \\ 666683 &:= \frac{aaaaaaa + aa}{a + a} + \frac{aaaaaa + aa}{a} \end{aligned}$$

$$\begin{aligned} 684 &:= \frac{aaaa + aa}{a + a} + \frac{aaa + aa + a}{a} \\ 6684 &:= \frac{aaaaa + aa}{a + a} + \frac{aaaa + aa + a}{a} \\ 66684 &:= \frac{aaaaaa + aa}{a + a} + \frac{aaaaa + aa + a}{a} \\ 666684 &:= \frac{aaaaaaa + aa}{a + a} + \frac{aaaaaa + aa + a}{a} \end{aligned}$$

$$\begin{aligned} 685 &:= \frac{aaaa + aa}{a + a} + \frac{aaa + aa + a + a}{a} \\ 6685 &:= \frac{aaaaa + aa}{a + a} + \frac{aaaa + aa + a + a}{a} \\ 66685 &:= \frac{aaaaaa + aa}{a + a} + \frac{aaaaa + aa + a + a}{a} \\ 666685 &:= \frac{aaaaaaa + aa}{a + a} + \frac{aaaaaa + aa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 686 &:= \frac{(aaa + aaa + aaa + aa - a) \times (a + a)}{a \times a} \\ 2686 &:= \frac{(aaaa + aaa + aaa + aa - a) \times (a + a)}{a \times a} \\ 22686 &:= \frac{(aaaaa + aaa + aaa + aa - a) \times (a + a)}{a \times a} \\ 222686 &:= \frac{(aaaaaa + aaa + aaa + aa - a) \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 687 &:= \frac{(aaa + aaa + aaa + aa) \times (a + a) - a \times a}{a \times a} \\ 2687 &:= \frac{(aaaa + aaa + aaa + aa) \times (a + a) - a \times a}{a \times a} \\ 22687 &:= \frac{(aaaaa + aaa + aaa + aa) \times (a + a) - a \times a}{a \times a} \\ 222687 &:= \frac{(aaaaaa + aaa + aaa + aa) \times (a + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 688 &:= \frac{(aaa + aaa + aaa + aa) \times (a + a)}{a \times a} \\ 2688 &:= \frac{(aaaa + aaa + aaa + aa) \times (a + a)}{a \times a} \\ 22688 &:= \frac{(aaaaa + aaa + aaa + aa) \times (a + a)}{a \times a} \\ 222688 &:= \frac{(aaaaaa + aaa + aaa + aa) \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 689 &:= \frac{(aaa + aaa + aaa + aa) \times (a + a) + a \times a}{a \times a} \\ 2689 &:= \frac{(aaaa + aaa + aaa + aa) \times (a + a) + a \times a}{a \times a} \\ 22689 &:= \frac{(aaaaa + aaa + aaa + aa) \times (a + a) + a \times a}{a \times a} \\ 222689 &:= \frac{(aaaaaa + aaa + aaa + aa) \times (a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 690 &:= \frac{(aaa + aaa + aaa + aa + a) \times (a + a)}{a \times a} \\ 2690 &:= \frac{(aaaa + aaa + aaa + aa + a) \times (a + a)}{a \times a} \\ 22690 &:= \frac{(aaaaa + aaa + aaa + aa + a) \times (a + a)}{a \times a} \\ 222690 &:= \frac{(aaaaaa + aaa + aaa + aa + a) \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 691 &:= \frac{(aaa + aaa + aaa + aa + a) \times (a + a) + a \times a}{a \times a} \\ 2691 &:= \frac{(aaaa + aaa + aaa + aa + a) \times (a + a) + a \times a}{a \times a} \\ 22691 &:= \frac{(aaaaa + aaa + aaa + aa + a) \times (a + a) + a \times a}{a \times a} \\ 222691 &:= \frac{(aaaaaa + aaa + aaa + aa + a) \times (a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 692 &:= \frac{(aaa + aaa + aaa + aa + a + a) \times (a + a)}{a \times a} \\ 2692 &:= \frac{(aaaa + aaa + aaa + aa + a + a) \times (a + a)}{a \times a} \\ 22692 &:= \frac{(aaaaa + aaa + aaa + aa + a + a) \times (a + a)}{a \times a} \\ 222692 &:= \frac{(aaaaaa + aaa + aaa + aa + a + a) \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 693 &:= \frac{(aa + aa + aa) \times (aa + aa - a)}{a \times a} \\ 6993 &:= \frac{(aaa + aaa + aaa) \times (aa + aa - a)}{a \times a} \\ 69993 &:= \frac{(aaaa + aaaa + aaaa) \times (aa + aa - a)}{a \times a} \\ 699993 &:= \frac{(aaaaa + aaaaa + aaaaa) \times (aa + aa - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 694 &:= \frac{(aa + aa + aa) \times (aa + aa - a) + a \times a}{a \times a} \\ 6994 &:= \frac{(aaa + aaa + aaa) \times (aa + aa - a) + a \times a}{a \times a} \\ 69994 &:= \frac{(aaaa + aaaa + aaaa) \times (aa + aa - a) + a \times a}{a \times a} \\ 699994 &:= \frac{(aaaaa + aaaaa + aaaaa) \times (aa + aa - a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 695 &:= \frac{aaaa + aa}{a + a} + \frac{aaa + aa + aa + a}{a} \\ 6695 &:= \frac{aaaaa + aa}{a + a} + \frac{aaaa + aa + aa + a}{a} \\ 66695 &:= \frac{aaaaaa + aa}{a + a} + \frac{aaaaa + aa + aa + a}{a} \\ 666695 &:= \frac{aaaaaaa + aa}{a + a} + \frac{aaaaaa + aa + aa + a}{a} \end{aligned}$$

$$\begin{aligned} 696 &:= \frac{(aaa + aaa + aa - a) \times (a + a + a)}{a \times a} \\ 3696 &:= \frac{(aaaa + aaa + aa - a) \times (a + a + a)}{a \times a} \\ 33696 &:= \frac{(aaaaa + aaa + aa - a) \times (a + a + a)}{a \times a} \\ 333696 &:= \frac{(aaaaaa + aaa + aa - a) \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 697 &:= \frac{(aaa + aaa + aa) \times (a + a + a) - a \times (a + a)}{a \times a} \\ 3697 &:= \frac{(aaaa + aaa + aa) \times (a + a + a) - a \times (a + a)}{a \times a} \\ 33697 &:= \frac{(aaaaa + aaa + aa) \times (a + a + a) - a \times (a + a)}{a \times a} \\ 333697 &:= \frac{(aaaaaa + aaa + aa) \times (a + a + a) - a \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 698 &:= \frac{(aaa + aaa + aa) \times (a + a + a) - a \times a}{a \times a} \\ 3698 &:= \frac{(aaaa + aaa + aa) \times (a + a + a) - a \times a}{a \times a} \\ 33698 &:= \frac{(aaaaa + aaa + aa) \times (a + a + a) - a \times a}{a \times a} \\ 333698 &:= \frac{(aaaaaa + aaa + aa) \times (a + a + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 699 &:= \frac{(aaa + aaa + aa) \times (a + a + a)}{a \times a} \\ 3699 &:= \frac{(aaaa + aaa + aa) \times (a + a + a)}{a \times a} \\ 33699 &:= \frac{(aaaaa + aaa + aa) \times (a + a + a)}{a \times a} \\ 333699 &:= \frac{(aaaaaa + aaa + aa) \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 700 &:= \frac{(aaa + aaa + aa) \times (a + a + a) + a \times a}{a \times a} \\ 3700 &:= \frac{(aaaa + aaa + aa) \times (a + a + a) + a \times a}{a \times a} \\ 33700 &:= \frac{(aaaaa + aaa + aa) \times (a + a + a) + a \times a}{a \times a} \\ 333700 &:= \frac{(aaaaaa + aaa + aa) \times (a + a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 701 &:= \frac{(aaa + aaa + aa + a) \times (a + a + a) - a \times a}{a \times a} \\ 3701 &:= \frac{(aaaa + aaa + aa + a) \times (a + a + a) - a \times a}{a \times a} \\ 33701 &:= \frac{(aaaaa + aaa + aa + a) \times (a + a + a) - a \times a}{a \times a} \\ 333701 &:= \frac{(aaaaaa + aaa + aa + a) \times (a + a + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 702 &:= \frac{(aaa + aaa + aa + a) \times (a + a + a)}{a \times a} \\ 3702 &:= \frac{(aaaa + aaa + aa + a) \times (a + a + a)}{a \times a} \\ 33702 &:= \frac{(aaaaa + aaa + aa + a) \times (a + a + a)}{a \times a} \\ 333702 &:= \frac{(aaaaaa + aaa + aa + a) \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 703 &:= \frac{(aaa + aaa + aa + a) \times (a + a + a) + a \times a}{a \times a} \\ 3703 &:= \frac{(aaaa + aaa + aa + a) \times (a + a + a) + a \times a}{a \times a} \\ 33703 &:= \frac{(aaaaa + aaa + aa + a) \times (a + a + a) + a \times a}{a \times a} \\ 333703 &:= \frac{(aaaaaa + aaa + aa + a) \times (a + a + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 704 &:= \frac{(aaa + aaa + aa + a) \times (a + a + a) + a \times (a + a)}{a \times a} \\ 3704 &:= \frac{(aaaa + aaa + aa + a) \times (a + a + a) + a \times (a + a)}{a \times a} \\ 33704 &:= \frac{(aaaaa + aaa + aa + a) \times (a + a + a) + a \times (a + a)}{a \times a} \\ 333704 &:= \frac{(aaaaaa + aaa + aa + a) \times (a + a + a) + a \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 705 &:= \frac{aaaa + aa}{a + a} + \frac{aaa + aa + aa + aa}{a} \\ 6705 &:= \frac{aaaaa + aa}{a + a} + \frac{aaaa + aa + aa + aa}{a} \\ 66705 &:= \frac{aaaaaa + aa}{a + a} + \frac{aaaaa + aa + aa + aa}{a} \\ 666705 &:= \frac{aaaaaaa + aa}{a + a} + \frac{aaaaaa + aa + aa + aa}{a} \end{aligned}$$

$$\begin{aligned} 706 &:= \frac{aaaa + aa}{a + a} + \frac{aaa + aa + aa + aa + a}{a} \\ 6706 &:= \frac{aaaaa + aa}{a + a} + \frac{aaaa + aa + aa + aa + a}{a} \\ 66706 &:= \frac{aaaaaa + aa}{a + a} + \frac{aaaaa + aa + aa + aa + a}{a} \\ 666706 &:= \frac{aaaaaaa + aa}{a + a} + \frac{aaaaaa + aa + aa + aa + a}{a} \end{aligned}$$

$$\begin{aligned} 707 &:= \frac{(aa + a + a + a) \times aaaa}{aa \times (a + a)} \\ 70707 &:= \frac{(aa + a + a + a) \times aaaaaa}{aa \times (a + a)} \\ 7070707 &:= \frac{(aa + a + a + a) \times aaaaaaaa}{aa \times (a + a)} \\ 707070707 &:= \frac{(aa + a + a + a) \times aaaaaaaaaa}{aa \times (a + a)} \end{aligned}$$

$$\begin{aligned} 708 &:= \frac{(aa + a + a + a) \times aaaa + aa \times (a + a)}{aa \times (a + a)} \\ 70708 &:= \frac{(aa + a + a + a) \times aaaaaa + aa \times (a + a)}{aa \times (a + a)} \\ 7070708 &:= \frac{(aa + a + a + a) \times aaaaaaaa + aa \times (a + a)}{aa \times (a + a)} \\ 707070708 &:= \frac{(aa + a + a + a) \times aaaaaaaaaa + aa \times (a + a)}{aa \times (a + a)} \end{aligned}$$

$$\begin{aligned} 709 &:= \frac{(aaa - aa) \times (aa + a) + (aaa - a - a) \times (a + a)}{(a + a) \times a} \\ 6709 &:= \frac{(aaaa - aa) \times (aa + a) + (aaa - a - a) \times (a + a)}{(a + a) \times a} \\ 66709 &:= \frac{(aaaaa - aa) \times (aa + a) + (aaa - a - a) \times (a + a)}{(a + a) \times a} \\ 666709 &:= \frac{(aaaaaa - aa) \times (aa + a) + (aaa - a - a) \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned}
 710 &:= \frac{(aaa - aa) \times (aa + a) + (aaa - a) \times (a + a)}{(a + a) \times a} \\
 6710 &:= \frac{(aaaa - aa) \times (aa + a) + (aaa - a) \times (a + a)}{(a + a) \times a} \\
 66710 &:= \frac{(aaaaa - aa) \times (aa + a) + (aaa - a) \times (a + a)}{(a + a) \times a} \\
 666710 &:= \frac{(aaaaaa - aa) \times (aa + a) + (aaa - a) \times (a + a)}{(a + a) \times a} \\
 711 &:= \frac{(aaa - aa - aa) \times (aa - a - a - a) - a \times a}{a \times a} \\
 8711 &:= \frac{(aaaa - aa - aa) \times (aa - a - a - a) - a \times a}{a \times a} \\
 88711 &:= \frac{(aaaaa - aa - aa) \times (aa - a - a - a) - a \times a}{a \times a} \\
 888711 &:= \frac{(aaaaaa - aa - aa) \times (aa - a - a - a) - a \times a}{a \times a} \\
 712 &:= \frac{(aaa - aa - aa) \times (aa - a - a - a)}{a \times a} \\
 8712 &:= \frac{(aaaa - aa - aa) \times (aa - a - a - a)}{a \times a} \\
 88712 &:= \frac{(aaaaa - aa - aa) \times (aa - a - a - a)}{a \times a} \\
 888712 &:= \frac{(aaaaaa - aa - aa) \times (aa - a - a - a)}{a \times a} \\
 713 &:= \frac{(aaa - aa - aa) \times (aa - a - a - a) + a \times a}{a \times a} \\
 8713 &:= \frac{(aaaa - aa - aa) \times (aa - a - a - a) + a \times a}{a \times a} \\
 88713 &:= \frac{(aaaaa - aa - aa) \times (aa - a - a - a) + a \times a}{a \times a} \\
 888713 &:= \frac{(aaaaaa - aa - aa) \times (aa - a - a - a) + a \times a}{a \times a} \\
 714 &:= \frac{(aaa - aa - aa) \times (aa - a - a - a) + a \times (a + a)}{a \times a} \\
 8714 &:= \frac{(aaaa - aa - aa) \times (aa - a - a - a) + a \times (a + a)}{a \times a} \\
 88714 &:= \frac{(aaaaa - aa - aa) \times (aa - a - a - a) + a \times (a + a)}{a \times a} \\
 888714 &:= \frac{(aaaaaa - aa - aa) \times (aa - a - a - a) + a \times (a + a)}{a \times a}
 \end{aligned}$$

$$\begin{aligned}
 715 &:= \frac{(aaa - a) \times (aa + a + a)}{(a + a) \times a} \\
 7215 &:= \frac{(aaaa - a) \times (aa + a + a)}{(a + a) \times a} \\
 72215 &:= \frac{(aaaaa - a) \times (aa + a + a)}{(a + a) \times a} \\
 722215 &:= \frac{(aaaaaa - a) \times (aa + a + a)}{(a + a) \times a} \\
 716 &:= \frac{(aaa - a) \times aa + aaa \times (a + a)}{(a + a) \times a} \\
 1716 &:= \frac{(aaa - a) \times aa + aaaa \times (a + a)}{(a + a) \times a} \\
 11716 &:= \frac{(aaa - a) \times aa + aaaaa \times (a + a)}{(a + a) \times a} \\
 111716 &:= \frac{(aaa - a) \times aa + aaaaaa \times (a + a)}{(a + a) \times a} \\
 717 &:= \frac{(aaa - a) \times aa + (aaa + a) \times (a + a)}{(a + a) \times a} \\
 1717 &:= \frac{(aaa - a) \times aa + (aaaa + a) \times (a + a)}{(a + a) \times a} \\
 11717 &:= \frac{(aaa - a) \times aa + (aaaaa + a) \times (a + a)}{(a + a) \times a} \\
 111717 &:= \frac{(aaa - a) \times aa + (aaaaaa + a) \times (a + a)}{(a + a) \times a} \\
 718 &:= \frac{(aaa - a) \times aa + (aaa + a + a) \times (a + a)}{(a + a) \times a} \\
 1718 &:= \frac{(aaa - a) \times aa + (aaaa + a + a) \times (a + a)}{(a + a) \times a} \\
 11718 &:= \frac{(aaa - a) \times aa + (aaaaa + a + a) \times (a + a)}{(a + a) \times a} \\
 111718 &:= \frac{(aaa - a) \times aa + (aaaaaa + a + a) \times (a + a)}{(a + a) \times a}
 \end{aligned}$$

$$\begin{aligned} 719 &:= \frac{(aaa - a) \times aa + (aaa + a + a + a) \times (a + a)}{(a + a) \times a} \\ 1719 &:= \frac{(aaa - a) \times aa + (aaaa + a + a + a) \times (a + a)}{(a + a) \times a} \\ 11719 &:= \frac{(aaa - a) \times aa + (aaaaa + a + a + a) \times (a + a)}{(a + a) \times a} \\ 111719 &:= \frac{(aaa - a) \times aa + (aaaaaa + a + a + a) \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 720 &:= \frac{(aa + a + a) \times aaa - (a + a + a) \times a}{(a + a) \times a} \\ 7220 &:= \frac{(aa + a + a) \times aaaa - (a + a + a) \times a}{(a + a) \times a} \\ 72220 &:= \frac{(aa + a + a) \times aaaaa - (a + a + a) \times a}{(a + a) \times a} \\ 722220 &:= \frac{(aa + a + a) \times aaaaaa - (a + a + a) \times a}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 721 &:= \frac{(aa + a + a) \times aaa - a \times a}{(a + a) \times a} \\ 7221 &:= \frac{(aa + a + a) \times aaaa - a \times a}{(a + a) \times a} \\ 72221 &:= \frac{(aa + a + a) \times aaaaa - a \times a}{(a + a) \times a} \\ 722221 &:= \frac{(aa + a + a) \times aaaaaa - a \times a}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 722 &:= \frac{(aa + a + a) \times aaa + a \times a}{(a + a) \times a} \\ 7222 &:= \frac{(aa + a + a) \times aaaa + a \times a}{(a + a) \times a} \\ 72222 &:= \frac{(aa + a + a) \times aaaaa + a \times a}{(a + a) \times a} \\ 722222 &:= \frac{(aa + a + a) \times aaaaaa + a \times a}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 723 &:= \frac{aaaa + aaa + a + a}{a + a} + \frac{aaa}{a} \\ 7223 &:= \frac{aaaaa + aaaa + a + a}{a + a} + \frac{aaaa}{a} \\ 72223 &:= \frac{aaaaaa + aaaaa + a + a}{a + a} + \frac{aaaaa}{a} \\ 722223 &:= \frac{aaaaaaa + aaaaaa + a + a}{a + a} + \frac{aaaaaa}{a} \end{aligned}$$

$$\begin{aligned} 724 &:= \frac{aaaa + aaa + a + a}{a + a} + \frac{aaa + a}{a} \\ 7224 &:= \frac{aaaaa + aaaa + a + a}{a + a} + \frac{aaaa + a}{a} \\ 72224 &:= \frac{aaaaaa + aaaaa + a + a}{a + a} + \frac{aaaaa + a}{a} \\ 722224 &:= \frac{aaaaaaa + aaaaaa + a + a}{a + a} + \frac{aaaaaa + a}{a} \end{aligned}$$

$$\begin{aligned} 725 &:= \frac{(aa + aa + aa) \times (aa + aa) - a \times a}{a \times a} \\ 7325 &:= \frac{(aaa + aaa + aaa) \times (aa + aa) - a \times a}{a \times a} \\ 73325 &:= \frac{(aaaa + aaaa + aaaa) \times (aa + aa) - a \times a}{a \times a} \\ 733325 &:= \frac{(aaaaa + aaaaa + aaaaa) \times (aa + aa) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 726 &:= \frac{(aa + a) \times aa \times aa}{(a + a) \times a \times a} \\ 7326 &:= \frac{(aa + a) \times aa \times aaa}{(a + a) \times a \times a} \\ 73326 &:= \frac{(aa + a) \times aa \times aaaa}{(a + a) \times a \times a} \\ 733326 &:= \frac{(aa + a) \times aa \times aaaaa}{(a + a) \times a \times a} \end{aligned}$$

$$\begin{aligned} 727 &:= \frac{(aa + aa + aa) \times (aa + aa) + a \times a}{a \times a} \\ 7327 &:= \frac{(aaa + aaa + aaa) \times (aa + aa) + a \times a}{a \times a} \\ 73327 &:= \frac{(aaaa + aaaa + aaaa) \times (aa + aa) + a \times a}{a \times a} \\ 733327 &:= \frac{(aaaaa + aaaaa + aaaaa) \times (aa + aa) + a \times a}{a \times a} \end{aligned}$$



$$\begin{aligned} 728 &:= \frac{(aaa + a) \times (aa + a + a)}{(a + a) \times a} \\ 7228 &:= \frac{(aaaa + a) \times (aa + a + a)}{(a + a) \times a} \\ 72228 &:= \frac{(aaaaa + a) \times (aa + a + a)}{(a + a) \times a} \\ 722228 &:= \frac{(aaaaaa + a) \times (aa + a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 729 &:= \frac{(aaa + a) \times (aa + a + a) + (a + a) \times a}{(a + a) \times a} \\ 7229 &:= \frac{(aaaa + a) \times (aa + a + a) + (a + a) \times a}{(a + a) \times a} \\ 72229 &:= \frac{(aaaaa + a) \times (aa + a + a) + (a + a) \times a}{(a + a) \times a} \\ 722229 &:= \frac{(aaaaaa + a) \times (aa + a + a) + (a + a) \times a}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 730 &:= \frac{(aaa + aa) \times (aa + a) - (a + a) \times (a + a)}{(a + a) \times a} \\ 6730 &:= \frac{(aaaa + aa) \times (aa + a) - (a + a) \times (a + a)}{(a + a) \times a} \\ 66730 &:= \frac{(aaaaa + aa) \times (aa + a) - (a + a) \times (a + a)}{(a + a) \times a} \\ 666730 &:= \frac{(aaaaaa + aa) \times (aa + a) - (a + a) \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 731 &:= \frac{(aaa + aa) \times (aa + a) - (a + a) \times a}{(a + a) \times a} \\ 6731 &:= \frac{(aaaa + aa) \times (aa + a) - (a + a) \times a}{(a + a) \times a} \\ 66731 &:= \frac{(aaaaa + aa) \times (aa + a) - (a + a) \times a}{(a + a) \times a} \\ 666731 &:= \frac{(aaaaaa + aa) \times (aa + a) - (a + a) \times a}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 732 &:= \frac{(aaa + aa) \times (aa + a)}{(a + a) \times a} \\ 6732 &:= \frac{(aaaa + aa) \times (aa + a)}{(a + a) \times a} \\ 66732 &:= \frac{(aaaaa + aa) \times (aa + a)}{(a + a) \times a} \\ 666732 &:= \frac{(aaaaaa + aa) \times (aa + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 733 &:= \frac{(aaa + aa) \times (aa + a) + a \times (a + a)}{(a + a) \times a} \\ 6733 &:= \frac{(aaaa + aa) \times (aa + a) + a \times (a + a)}{(a + a) \times a} \\ 66733 &:= \frac{(aaaaa + aa) \times (aa + a) + a \times (a + a)}{(a + a) \times a} \\ 666733 &:= \frac{(aaaaaa + aa) \times (aa + a) + a \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 734 &:= \frac{(aaa + aa) \times (aa + a) + (a + a) \times (a + a)}{(a + a) \times a} \\ 6734 &:= \frac{(aaaa + aa) \times (aa + a) + (a + a) \times (a + a)}{(a + a) \times a} \\ 66734 &:= \frac{(aaaaa + aa) \times (aa + a) + (a + a) \times (a + a)}{(a + a) \times a} \\ 666734 &:= \frac{(aaaaaa + aa) \times (aa + a) + (a + a) \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 735 &:= \frac{(aaa + aa) \times (aa + a) + (a + a) \times (a + a + a)}{(a + a) \times a} \\ 6735 &:= \frac{(aaaa + aa) \times (aa + a) + (a + a) \times (a + a + a)}{(a + a) \times a} \\ 66735 &:= \frac{(aaaaa + aa) \times (aa + a) + (a + a) \times (a + a + a)}{(a + a) \times a} \\ 666735 &:= \frac{(aaaaaa + aa) \times (aa + a) + (a + a) \times (a + a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 736 &:= \frac{aaaa + aaaa - aa - a - a - a}{a + a + a} \\ 370736 &:= \frac{aaaaaaaa + aaaa - aa - a - a - a}{a + a + a} \\ 370370736 &:= \frac{aaaaaaaaaaaa + aaaa - aa - a - a - a}{a + a + a} \\ 370370370736 &:= \frac{aaaaaaaaaaaaaaaa + aaaa - aa - a - a - a}{a + a + a} \end{aligned}$$

$$\begin{aligned} 737 &:= \frac{aaaa + aaaa - aa}{a + a + a} \\ 370737 &:= \frac{aaaaaaaa + aaaa - aa}{a + a + a} \\ 370370737 &:= \frac{aaaaaaaaaaaa + aaaa - aa}{a + a + a} \\ 370370370737 &:= \frac{aaaaaaaaaaaaaaaa + aaaa - aa}{a + a + a} \end{aligned}$$

$$\begin{aligned} 738 &:= \frac{(aaaa - a) \times (a + a) - (a + a + a) \times (a + a)}{(a + a + a) \times a} \\ 740738 &:= \frac{(aaaaaaaa - a) \times (a + a) - (a + a + a) \times (a + a)}{(a + a + a) \times a} \\ 740740738 &:= \frac{(aaaaaaaaaaaa - a) \times (a + a) - (a + a + a) \times (a + a)}{(a + a + a) \times a} \\ 740740740738 &:= \frac{(aaaaaaaaaaaaaaaa - a) \times (a + a) - (a + a + a) \times (a + a)}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 739 &:= \frac{(aaaa - a) \times (a + a) - (a + a + a) \times a}{(a + a + a) \times a} \\ 740739 &:= \frac{(aaaaaaaa - a) \times (a + a) - (a + a + a) \times a}{(a + a + a) \times a} \\ 740740739 &:= \frac{(aaaaaaaaaaaa - a) \times (a + a) - (a + a + a) \times a}{(a + a + a) \times a} \\ 740740740739 &:= \frac{(aaaaaaaaaaaaaaaa - a) \times (a + a) - (a + a + a) \times a}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 740 &:= \frac{(aaaa - a) \times (a + a)}{(a + a + a) \times a} \\ 740740 &:= \frac{(aaaaaaaa - a) \times (a + a)}{(a + a + a) \times a} \\ 740740740 &:= \frac{(aaaaaaaaaaaa - a) \times (a + a)}{(a + a + a) \times a} \\ 740740740740 &:= \frac{(aaaaaaaaaaaaaaaa - a) \times (a + a)}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 741 &:= \frac{(aaaa - a) \times (a + a) + (a + a + a) \times a}{(a + a + a) \times a} \\ 740741 &:= \frac{(aaaaaaaa - a) \times (a + a) + (a + a + a) \times a}{(a + a + a) \times a} \\ 740740741 &:= \frac{(aaaaaaaaaaaa - a) \times (a + a) + (a + a + a) \times a}{(a + a + a) \times a} \\ 740740740741 &:= \frac{(aaaaaaaaaaaaaaaa - a) \times (a + a) + (a + a + a) \times a}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 742 &:= \frac{(aaaa + a + a) \times (a + a)}{(a + a + a) \times a} \\ 740742 &:= \frac{(aaaaaaaa + a + a) \times (a + a)}{(a + a + a) \times a} \\ 740740742 &:= \frac{(aaaaaaaaaaaa + a + a) \times (a + a)}{(a + a + a) \times a} \\ 740740740742 &:= \frac{(aaaaaaaaaaaaaaaa + a + a) \times (a + a)}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 743 &:= \frac{(aaa + aa) \times (aa + a) + aa \times (a + a)}{(a + a) \times a} \\ 6743 &:= \frac{(aaaa + aa) \times (aa + a) + aa \times (a + a)}{(a + a) \times a} \\ 66743 &:= \frac{(aaaaa + aa) \times (aa + a) + aa \times (a + a)}{(a + a) \times a} \\ 666743 &:= \frac{(aaaaaa + aa) \times (aa + a) + aa \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 744 &:= \frac{aaaa + aaaa + aa - a}{a + a + a} \\ 7444 &:= \frac{aaaaa + aaaaa + aaa - a}{a + a + a} \\ 74444 &:= \frac{aaaaaa + aaaaaa + aaaa - a}{a + a + a} \\ 744444 &:= \frac{aaaaaaa + aaaaaa + aaaaa - a}{a + a + a} \end{aligned}$$

$$\begin{aligned} 745 &:= \frac{aaaa + aaaa + aa + a + a}{a + a + a} \\ 7445 &:= \frac{aaaaa + aaaaa + aaa + a + a}{a + a + a} \\ 74445 &:= \frac{aaaaaa + aaaaaa + aaaa + a + a}{a + a + a} \\ 744445 &:= \frac{aaaaaaa + aaaaaa + aaaaa + a + a}{a + a + a} \end{aligned}$$

$$\begin{aligned} 746 &:= \frac{aaaa + aaaa + aa + a + a + a + a + a}{a + a + a} \\ 7446 &:= \frac{aaaaa + aaaaa + aaa + a + a + a + a + a}{a + a + a} \\ 74446 &:= \frac{aaaaaaa + aaaaaa + aaaa + a + a + a + a + a}{a + a + a} \\ 744446 &:= \frac{aaaaaaaa + aaaaaaa + aaaaa + a + a + a + a + a}{a + a + a} \end{aligned}$$

$$\begin{aligned} 747 &:= \frac{(aa + aa + aa) \times (aa + aa + a) - (aa + a) \times a}{a \times a} \\ 7647 &:= \frac{(aaa + aaa + aaa) \times (aa + aa + a) - (aa + a) \times a}{a \times a} \\ 76647 &:= \frac{(aaaa + aaaa + aaaa) \times (aa + aa + a) - (a + a) \times a}{a \times a} \\ 766647 &:= \frac{(aaaaa + aaaaa + aaaaa) \times (aa + aa + a) - (a + a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 748 &:= \frac{(aaaa + aa) \times (a + a)}{(a + a + a) \times a} \\ 740748 &:= \frac{(aaaaaaa + aa) \times (a + a)}{(a + a + a) \times a} \\ 740740748 &:= \frac{(aaaaaaaaaaa + aa) \times (a + a)}{(a + a + a) \times a} \\ 740740740748 &:= \frac{(aaaaaaaaaaaaaaa + aa) \times (a + a)}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 749 &:= \frac{(aaaa + aa) \times (a + a) + (a + a + a) \times a}{(a + a + a) \times a} \\ 740749 &:= \frac{(aaaaaaa + aa) \times (a + a) + (a + a + a) \times a}{(a + a + a) \times a} \\ 7407407489 &:= \frac{(aaaaaaaaaaa + aa) \times (a + a) + (a + a + a) \times a}{(a + a + a) \times a} \\ 740740740749 &:= \frac{(aaaaaaaaaaaaaaa + aa) \times (a + a) + (a + a + a) \times a}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 750 &:= \frac{(aaaa - aaa) \times (a + a + a)}{(a + a) \times (a + a)} \\ 7500 &:= \frac{(aaaaa - aaaa) \times (a + a + a)}{(a + a) \times (a + a)} \\ 75000 &:= \frac{(aaaaaa - aaaaa) \times (a + a + a)}{(a + a) \times (a + a)} \\ 750000 &:= \frac{(aaaaaaa - aaaaaa) \times (a + a + a)}{(a + a) \times (a + a)} \end{aligned}$$

$$\begin{aligned} 751 &:= \frac{aaaa + aaaa + aa + aa + aa - a - a}{a + a + a} \\ 7451 &:= \frac{aaaaa + aaaaa + aaa + aa + aa - a - a}{a + a + a} \\ 74451 &:= \frac{aaaaaaa + aaaaaa + aaaa + aa + aa - a - a}{a + a + a} \\ 744451 &:= \frac{aaaaaaaa + aaaaaaa + aaaaa + aa + aa - a - a}{a + a + a} \end{aligned}$$

$$\begin{aligned} 752 &:= \frac{aaaa + aaaa + aa + aa + aa + a}{a + a + a} \\ 7452 &:= \frac{aaaaa + aaaaa + aaa + aa + aa + a}{a + a + a} \\ 74452 &:= \frac{aaaaaaa + aaaaaa + aaaa + aa + aa + a}{a + a + a} \\ 744452 &:= \frac{aaaaaaaa + aaaaaaa + aaaaa + aa + aa + a}{a + a + a} \end{aligned}$$

$$\begin{aligned} 753 &:= \frac{aaaa \times (aa + a) + aaa \times (a + a)}{(aa - a - a) \times (a + a)} \\ 740753 &:= \frac{aaaaaaa \times (aa + a) + aaa \times (a + a)}{(aa - a - a) \times (a + a)} \\ 740740753 &:= \frac{aaaaaaaaaaa \times (aa + a) + aaa \times (a + a)}{(aa - a - a) \times (a + a)} \\ 740740740753 &:= \frac{aaaaaaaaaaaaaaa \times (aa + a) + aaa \times (a + a)}{(aa - a - a) \times (a + a)} \end{aligned}$$

$$\begin{aligned} 754 &:= \frac{(aaaa + aa + aa - a - a) \times (a + a)}{(a + a + a) \times a} \\ 7554 &:= \frac{(aaaaa + aaa + aaa - a - a) \times (a + a)}{(a + a + a) \times a} \\ 75554 &:= \frac{(aaaaaa + aaaa + aaaa - a - a) \times (a + a)}{(a + a + a) \times a} \\ 755554 &:= \frac{(aaaaaaa + aaaaa + aaaaa - a - a) \times (a + a)}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 755 &:= \frac{(aa + aa - a) \times (aa + a) \times (a + a + a) - a \times a \times a}{a \times a \times a} \\ 7955 &:= \frac{(aaa + aaa - a) \times (aa + a) \times (a + a + a) - a \times a \times a}{a \times a \times a} \\ 79955 &:= \frac{(aaaa + aaaa - a) \times (aa + a) \times (a + a + a) - a \times a \times a}{a \times a \times a} \\ 799955 &:= \frac{(aaaaa + aaaaa - a) \times (aa + a) \times (a + a + a) - a \times a \times a}{a \times a \times a} \end{aligned}$$

$$\begin{aligned} 756 &:= \frac{(aa + aa - a) \times (aa + a) \times (a + a + a)}{a \times a \times a} \\ 7956 &:= \frac{(aaa + aaa - a) \times (aa + a) \times (a + a + a)}{a \times a \times a} \\ 79956 &:= \frac{(aaaa + aaaa - a) \times (aa + a) \times (a + a + a)}{a \times a \times a} \\ 799956 &:= \frac{(aaaaa + aaaaa - a) \times (aa + a) \times (a + a + a)}{a \times a \times a} \end{aligned}$$

$$\begin{aligned} 757 &:= \frac{(aa - a - a) \times aaa - (aa + aa) \times aa}{a \times a} \\ 9757 &:= \frac{(aa - a - a) \times aaaa - (aa + aa) \times aa}{a \times a} \\ 99757 &:= \frac{(aa - a - a) \times aaaaa - (aa + aa) \times aa}{a \times a} \\ 999757 &:= \frac{(aa - a - a) \times aaaaaa - (aa + aa) \times aa}{a \times a} \end{aligned}$$

$$\begin{aligned} 758 &:= \frac{(aa + aa + aa) \times (aa + aa + a) - a \times a}{a \times a} \\ 7658 &:= \frac{(aaa + aaa + aaa) \times (aa + aa + a) - a \times a}{a \times a} \\ 76658 &:= \frac{(aaaa + aaaa + aaaa) \times (aa + aa + a) - a \times a}{a \times a} \\ 766658 &:= \frac{(aaaaa + aaaaa + aaaaa) \times (aa + aa + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 759 &:= \frac{(aa + aa + aa) \times (aa + aa + a)}{a \times a} \\ 7659 &:= \frac{(aaa + aaa + aaa) \times (aa + aa + a)}{a \times a} \\ 76659 &:= \frac{(aaaa + aaaa + aaaa) \times (aa + aa + a)}{a \times a} \\ 766659 &:= \frac{(aaaaa + aaaaa + aaaaa) \times (aa + aa + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 760 &:= \frac{(aa + aa + aa) \times (aa + aa + a) + a \times a}{a \times a} \\ 7660 &:= \frac{(aaa + aaa + aaa) \times (aa + aa + a) + a \times a}{a \times a} \\ 76660 &:= \frac{(aaaa + aaaa + aaaa) \times (aa + aa + a) + a \times a}{a \times a} \\ 766660 &:= \frac{(aaaaa + aaaaa + aaaaa) \times (aa + aa + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 761 &:= \frac{(aa + aa + aa) \times (aa + aa + a) + a \times (a + a)}{a \times a} \\ 7661 &:= \frac{(aaa + aaa + aaa) \times (aa + aa + a) + a \times (a + a)}{a \times a} \\ 76661 &:= \frac{(aaaa + aaaa + aaaa) \times (aa + aa + a) + a \times (a + a)}{a \times a} \\ 766661 &:= \frac{(aaaaa + aaaaa + aaaaa) \times (aa + aa + a) + a \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 762 &:= \frac{(aaa - a - a) \times (aa - a - a - a - a) - a \times a}{a \times a} \\ 7762 &:= \frac{(aaaa - a - a) \times (aa - a - a - a - a) - a \times a}{a \times a} \\ 77762 &:= \frac{(aaaaa - a - a) \times (aa - a - a - a - a) - a \times a}{a \times a} \\ 777762 &:= \frac{(aaaaaa - a - a) \times (aa - a - a - a - a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 763 &:= \frac{(aaa - a - a) \times (aa + a + a + a)}{(a + a) \times a} \\ 7763 &:= \frac{(aaaa - a - a) \times (aa + a + a + a)}{(a + a) \times a} \\ 77763 &:= \frac{(aaaaa - a - a) \times (aa + a + a + a)}{(a + a) \times a} \\ 777763 &:= \frac{(aaaaaa - a - a) \times (aa + a + a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 764 &:= \frac{(aaa - a - a) \times (aa - a - a - a - a) + a \times a}{a \times a} \\ 7764 &:= \frac{(aaaa - a - a) \times (aa - a - a - a - a) + a \times a}{a \times a} \\ 77764 &:= \frac{(aaaaa - a - a) \times (aa - a - a - a - a) + a \times a}{a \times a} \\ 777764 &:= \frac{(aaaaaa - a - a) \times (aa - a - a - a - a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 765 &:= \frac{(aa - a - a - a - a) \times aaa - (aa + a) \times a}{a \times a} \\ 7765 &:= \frac{(aa - a - a - a - a) \times aaaa - (aa + a) \times a}{a \times a} \\ 77765 &:= \frac{(aa - a - a - a - a) \times aaaaa - (aa + a) \times a}{a \times a} \\ 777765 &:= \frac{(aa - a - a - a - a) \times aaaaaa - (aa + a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 766 &:= \frac{aaaa - aaa - aaa - aaa - aa - a}{a} \\ 9766 &:= \frac{aaaaa - aaaa - aaa - aaa - aa - a}{a} \\ 99766 &:= \frac{aaaaaaa - aaaaa - aaa - aaa - aa - a}{a} \\ 999766 &:= \frac{aaaaaaaa - aaaaaa - aaa - aaa - aa - a}{a} \end{aligned}$$

$$\begin{aligned} 767 &:= \frac{(aa - a - a - a) \times aaa - aa \times aa}{a \times a} \\ 7667 &:= \frac{(aa - a - a - a) \times aaaa - aaa \times aa}{a \times a} \\ 76667 &:= \frac{(aa - a - a - a) \times aaaaa - aaaa \times aa}{a \times a} \\ 766667 &:= \frac{(aa - a - a - a) \times aaaaaa - aaaaa \times aa}{a \times a} \end{aligned}$$

$$\begin{aligned} 768 &:= \frac{aaaa - aaa - aaa - aaa - aa + a}{a} \\ 9768 &:= \frac{aaaaa - aaaa - aaa - aaa - aa + a}{a} \\ 99768 &:= \frac{aaaaaaa - aaaaa - aaa - aaa - aa + a}{a} \\ 999768 &:= \frac{aaaaaaaa - aaaaaa - aaa - aaa - aa + a}{a} \end{aligned}$$

$$\begin{aligned} 769 &:= \frac{(aa - a - a - a - a) \times (aaa - a) - a \times a}{a \times a} \\ 7769 &:= \frac{(aa - a - a - a - a) \times (aaaa - a) - a \times a}{a \times a} \\ 77769 &:= \frac{(aa - a - a - a - a) \times (aaaaa - a) - a \times a}{a \times a} \\ 777769 &:= \frac{(aa - a - a - a - a) \times (aaaaaa - a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 770 &:= \frac{(aa + aa - a) \times (aaa - a)}{(a + a + a) \times a} \\ 7770 &:= \frac{(aa + aa - a) \times (aaaa - a)}{(a + a + a) \times a} \\ 77770 &:= \frac{(aa + aa - a) \times (aaaaa - a)}{(a + a + a) \times a} \\ 777770 &:= \frac{(aa + aa - a) \times (aaaaaa - a)}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 771 &:= \frac{(aa - a - a - a - a) \times (aaa - a) + a \times a}{a \times a} \\ 7771 &:= \frac{(aa - a - a - a - a) \times (aaaa - a) + a \times a}{a \times a} \\ 77771 &:= \frac{(aa - a - a - a - a) \times (aaaaa - a) + a \times a}{a \times a} \\ 777771 &:= \frac{(aa - a - a - a - a) \times (aaaaaa - a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 772 &:= \frac{(aa - a - a - a - a) \times (aaa - a) + (a + a) \times a}{a \times a} \\ 7772 &:= \frac{(aa - a - a - a - a) \times (aaaa - a) + (a + a) \times a}{a \times a} \\ 77772 &:= \frac{(aa - a - a - a - a) \times (aaaaa - a) + (a + a) \times a}{a \times a} \\ 777772 &:= \frac{(aa - a - a - a - a) \times (aaaaaa - a) + (a + a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 773 &:= \frac{(aa - a - a - a - a) \times (aaa + a) - aa \times a}{a \times a} \\ 7773 &:= \frac{(aa - a - a - a - a) \times (aaaa + a) - aa \times a}{a \times a} \\ 77773 &:= \frac{(aa - a - a - a - a) \times (aaaaa + a) - aa \times a}{a \times a} \\ 777773 &:= \frac{(aa - a - a - a - a) \times (aaaaaa + a) - aa \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 774 &:= \frac{aaaa + aaaa + aaa - aa}{a + a + a} \\ 7774 &:= \frac{aaaaa + aaaaa + aaaa - aa}{a + a + a} \\ 77774 &:= \frac{aaaaaa + aaaaaa + aaaaa - aa}{a + a + a} \\ 777774 &:= \frac{aaaaaaa + aaaaaa + aaaaaa - aa}{a + a + a} \end{aligned}$$

$$\begin{aligned} 775 &:= \frac{aaaa - aaa - aaa - aaa - a - a - a}{a} \\ 10775 &:= \frac{aaaaa - aaa - aaa - aaa - a - a - a}{a} \\ 110775 &:= \frac{aaaaaa - aaa - aaa - aaa - a - a - a}{a} \\ 1110775 &:= \frac{aaaaaaa - aaa - aaa - aaa - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 776 &:= \frac{(aa - a - a - a - a) \times aaa - a \times a}{a \times a} \\ 7776 &:= \frac{(aa - a - a - a - a) \times aaaa - a \times a}{a \times a} \\ 77776 &:= \frac{(aa - a - a - a - a) \times aaaaa - a \times a}{a \times a} \\ 777776 &:= \frac{(aa - a - a - a - a) \times aaaaaa - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 777 &:= \frac{(aa - a - a - a - a) \times aaa}{a \times a} \\ 7777 &:= \frac{(aa - a - a - a - a) \times aaaa}{a \times a} \\ 77777 &:= \frac{(aa - a - a - a - a) \times aaaaa}{a \times a} \\ 777777 &:= \frac{(aa - a - a - a - a) \times aaaaaa}{a \times a} \end{aligned}$$

$$\begin{aligned} 778 &:= \frac{aaaa - aaa - aaa - aaa}{a} \\ 10778 &:= \frac{aaaaa - aaa - aaa - aaa}{a} \\ 110778 &:= \frac{aaaaaaa - aaa - aaa - aaa}{a} \\ 1110778 &:= \frac{aaaaaaaa - aaa - aaa - aaa}{a} \end{aligned}$$

$$\begin{aligned} 779 &:= \frac{aaaa - aaa - aaa - aaa + a}{a} \\ 10779 &:= \frac{aaaaa - aaa - aaa - aaa + a}{a} \\ 110779 &:= \frac{aaaaaaa - aaa - aaa - aaa + a}{a} \\ 1110779 &:= \frac{aaaaaaaa - aaa - aaa - aaa + a}{a} \end{aligned}$$

$$\begin{aligned} 780 &:= \frac{(aaa - aa - aa - aa) \times (aa - a)}{a \times a} \\ 10780 &:= \frac{(aaaa - aa - aa - aa) \times (aa - a)}{a \times a} \\ 110780 &:= \frac{(aaaaa - aa - aa - aa) \times (aa - a)}{a \times a} \\ 1110780 &:= \frac{(aaaaaa - aa - aa - aa) \times (aa - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 781 &:= \frac{aaaa - aaa - aaa - aaa + a + a + a}{a} \\ 10781 &:= \frac{aaaaa - aaa - aaa - aaa + a + a + a}{a} \\ 110781 &:= \frac{aaaaaaa - aaa - aaa - aaa + a + a + a}{a} \\ 1110781 &:= \frac{aaaaaaaa - aaa - aaa - aaa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 782 &:= \frac{(aaa + aa) \times aa + aaa \times (a + a)}{(a + a) \times a} \\ 1782 &:= \frac{(aaa + aa) \times aa + aaaa \times (a + a)}{(a + a) \times a} \\ 11782 &:= \frac{(aaa + aa) \times aa + aaaaa \times (a + a)}{(a + a) \times a} \\ 111782 &:= \frac{(aaa + aa) \times aa + aaaaaa \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 783 &:= \frac{(aa - a - a - a - a) \times (aaa + a) - a \times a}{a \times a} \\ 7783 &:= \frac{(aa - a - a - a - a) \times (aaaa + a) - a \times a}{a \times a} \\ 77783 &:= \frac{(aa - a - a - a - a) \times (aaaaa + a) - a \times a}{a \times a} \\ 777783 &:= \frac{(aa - a - a - a - a) \times (aaaaaa + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 784 &:= \frac{(aa - a - a - a - a) \times (aaa + a)}{a \times a} \\ 7784 &:= \frac{(aa - a - a - a - a) \times (aaaa + a)}{a \times a} \\ 77784 &:= \frac{(aa - a - a - a - a) \times (aaaaa + a)}{a \times a} \\ 777784 &:= \frac{(aa - a - a - a - a) \times (aaaaaa + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 785 &:= \frac{(aa - a - a - a - a) \times (aaa + a) + a \times a}{a \times a} \\ 7785 &:= \frac{(aa - a - a - a - a) \times (aaaa + a) + a \times a}{a \times a} \\ 77785 &:= \frac{(aa - a - a - a - a) \times (aaaaa + a) + a \times a}{a \times a} \\ 777785 &:= \frac{(aa - a - a - a - a) \times (aaaaaa + a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 786 &:= \frac{aaaa - aaa - aaa - aaa + aa - a - a - a}{a} \\ 9786 &:= \frac{aaaaa - aaaa - aaa - aaa + aa - a - a - a}{a} \\ 99786 &:= \frac{aaaaaa - aaaaa - aaa - aaa + aa - a - a - a}{a} \\ 999786 &:= \frac{aaaaaaa - aaaaaa - aaa - aaa + aa - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 787 &:= \frac{aaaa - aaa - aaa - aaa + aa - a - a}{a} \\ 9787 &:= \frac{aaaaa - aaaa - aaa - aaa + aa - a - a}{a} \\ 99787 &:= \frac{aaaaaa - aaaaa - aaa - aaa + aa - a - a}{a} \\ 999787 &:= \frac{aaaaaaa - aaaaaa - aaa - aaa + aa - a - a}{a} \end{aligned}$$

$$\begin{aligned} 788 &:= \frac{aaaa - aaa - aaa - aaa + aa - a}{a} \\ 9788 &:= \frac{aaaaa - aaaa - aaa - aaa + aa - a}{a} \\ 99788 &:= \frac{aaaaaa - aaaaa - aaa - aaa + aa - a}{a} \\ 999788 &:= \frac{aaaaaaa - aaaaaa - aaa - aaa + aa - a}{a} \end{aligned}$$

$$\begin{aligned} 789 &:= \frac{aaaa - aaa - aaa - aaa + aa}{a} \\ 9789 &:= \frac{aaaaa - aaaa - aaa - aaa + aa}{a} \\ 99789 &:= \frac{aaaaaa - aaaaa - aaa - aaa + aa}{a} \\ 999789 &:= \frac{aaaaaaa - aaaaaa - aaa - aaa + aa}{a} \end{aligned}$$

$$\begin{aligned} 790 &:= \frac{aaaa - aaa - aaa - aaa + aa + a}{a} \\ 9790 &:= \frac{aaaaa - aaaa - aaa - aaa + aa + a}{a} \\ 99790 &:= \frac{aaaaaa - aaaaa - aaa - aaa + aa + a}{a} \\ 999790 &:= \frac{aaaaaaa - aaaaaa - aaa - aaa + aa + a}{a} \end{aligned}$$

$$\begin{aligned} 791 &:= \frac{(aa - a - a - a - a) \times (aaa + a + a)}{a \times a} \\ 7791 &:= \frac{(aa - a - a - a - a) \times (aaaa + a + a)}{a \times a} \\ 77791 &:= \frac{(aa - a - a - a - a) \times (aaaaa + a + a)}{a \times a} \\ 777791 &:= \frac{(aa - a - a - a - a) \times (aaaaaa + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 792 &:= \frac{aaaa - aaa - aaa - aaa + aa + a + a + a}{a} \\ 9792 &:= \frac{aaaaa - aaaa - aaa - aaa + aa + a + a + a}{a} \\ 99792 &:= \frac{aaaaaa - aaaaa - aaa - aaa + aa + a + a + a}{a} \\ 999792 &:= \frac{aaaaaaa - aaaaaa - aaa - aaa + aa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 793 &:= \frac{(aaa + aa) \times (aa + a + a)}{(a + a) \times a} \\ 7293 &:= \frac{(aaaa + aa) \times (aa + a + a)}{(a + a) \times a} \\ 72293 &:= \frac{(aaaaa + aa) \times (aa + a + a)}{(a + a) \times a} \\ 722293 &:= \frac{(aaaaaa + aa) \times (aa + a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 794 &:= \frac{(aaa + aa) \times (aa + a + a) + (a + a) \times a}{(a + a) \times a} \\ 7294 &:= \frac{(aaaa + aa) \times (aa + a + a) + (a + a) \times a}{(a + a) \times a} \\ 72294 &:= \frac{(aaaaa + aa) \times (aa + a + a) + (a + a) \times a}{(a + a) \times a} \\ 722294 &:= \frac{(aaaaaa + aa) \times (aa + a + a) + (a + a) \times a}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 795 &:= \frac{(aaa + aa) \times (aa + a + a) + (a + a) \times (a + a)}{(a + a) \times a} \\ 7295 &:= \frac{(aaaa + aa) \times (aa + a + a) + (a + a) \times (a + a)}{(a + a) \times a} \\ 72295 &:= \frac{(aaaaa + aa) \times (aa + a + a) + (a + a) \times (a + a)}{(a + a) \times a} \\ 722295 &:= \frac{(aaaaaa + aa) \times (aa + a + a) + (a + a) \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 796 &:= \frac{(aa - a - a - a) \times aaaa - aa \times (aa + a)}{a \times aa} \\ 80796 &:= \frac{(aa - a - a - a) \times aaaaaa - aa \times (aa + a)}{a \times aa} \\ 8080796 &:= \frac{(aa - a - a - a) \times aaaaaaaa - aa \times (aa + a)}{a \times aa} \\ 808080796 &:= \frac{(aa - a - a - a) \times aaaaaaaaaa - aa \times (aa + a)}{a \times aa} \end{aligned}$$

$$\begin{aligned} 797 &:= \frac{(aa - a - a - a) \times aaaa - aa \times aa}{a \times aa} \\ 80797 &:= \frac{(aa - a - a - a) \times aaaaaa - aa \times aa}{a \times aa} \\ 8080797 &:= \frac{(aa - a - a - a) \times aaaaaaaa - aa \times aa}{a \times aa} \\ 808080797 &:= \frac{(aa - a - a - a) \times aaaaaaaaaa - aa \times aa}{a \times aa} \end{aligned}$$

$$\begin{aligned} 798 &:= \frac{(aaa + aa + aa) \times (aa + a)}{(a + a) \times a} \\ 6798 &:= \frac{(aaaa + aa + aa) \times (aa + a)}{(a + a) \times a} \\ 66798 &:= \frac{(aaaaa + aa + aa) \times (aa + a)}{(a + a) \times a} \\ 666798 &:= \frac{(aaaaaa + aa + aa) \times (aa + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 799 &:= \frac{(aaa - aa) \times (aa - a - a - a) - a \times a}{a \times a} \\ 8799 &:= \frac{(aaaa - aa) \times (aa - a - a - a) - a \times a}{a \times a} \\ 88799 &:= \frac{(aaaaa - aa) \times (aa - a - a - a) - a \times a}{a \times a} \\ 888799 &:= \frac{(aaaaaa - aa) \times (aa - a - a - a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 800 &:= \frac{(aaa - aa) \times (aa - a - a - a)}{a \times a} \\ 8800 &:= \frac{(aaaa - aa) \times (aa - a - a - a)}{a \times a} \\ 88800 &:= \frac{(aaaaa - aa) \times (aa - a - a - a)}{a \times a} \\ 888800 &:= \frac{(aaaaaa - aa) \times (aa - a - a - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 801 &:= \frac{(aaa - aa) \times (aa - a - a - a) + a \times a}{a \times a} \\ 8801 &:= \frac{(aaaa - aa) \times (aa - a - a - a) + a \times a}{a \times a} \\ 88801 &:= \frac{(aaaaa - aa) \times (aa - a - a - a) + a \times a}{a \times a} \\ 888801 &:= \frac{(aaaaaa - aa) \times (aa - a - a - a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 802 &:= \frac{(aaa - aa) \times (aa - a - a - a) + a \times (a + a)}{a \times a} \\ 8802 &:= \frac{(aaaa - aa) \times (aa - a - a - a) + a \times (a + a)}{a \times a} \\ 88802 &:= \frac{(aaaaa - aa) \times (aa - a - a - a) + a \times (a + a)}{a \times a} \\ 888802 &:= \frac{(aaaaaa - aa) \times (aa - a - a - a) + a \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 803 &:= \frac{(aaa - aa) \times (aa - a - a - a) + a \times (a + a + a)}{a \times a} \\ 8803 &:= \frac{(aaaa - aa) \times (aa - a - a - a) + a \times (a + a + a)}{a \times a} \\ 88803 &:= \frac{(aaaaa - aa) \times (aa - a - a - a) + a \times (a + a + a)}{a \times a} \\ 888803 &:= \frac{(aaaaaa - aa) \times (aa - a - a - a) + a \times (a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 804 &:= \frac{(aaa - aa) \times (aa - a - a - a) + a \times (a + a + a + a)}{a \times a} \\ 8804 &:= \frac{(aaaa - aa) \times (aa - a - a - a) + a \times (a + a + a + a)}{a \times a} \\ 88804 &:= \frac{(aaaaa - aa) \times (aa - a - a - a) + a \times (a + a + a + a)}{a \times a} \\ 888804 &:= \frac{(aaaaaa - aa) \times (aa - a - a - a) + a \times (a + a + a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 805 &:= \frac{(aa - a - a - a) \times aaaa - (a + a + a) \times aa}{aa \times a} \\ 80805 &:= \frac{(aa - a - a - a) \times aaaaaa - (a + a + a) \times aa}{aa \times a} \\ 8080805 &:= \frac{(aa - a - a - a) \times aaaaaaaa - (a + a + a) \times aa}{aa \times a} \\ 808080805 &:= \frac{(aa - a - a - a) \times aaaaaaaaaa - (a + a + a) \times aa}{aa \times a} \end{aligned}$$



$$\begin{aligned} 806 &:= \frac{(aa - a - a - a) \times aaaa - (a + a) \times aa}{aa \times a} \\ 80806 &:= \frac{(aa - a - a - a) \times aaaaaa - (a + a) \times aa}{aa \times a} \\ 8080806 &:= \frac{(aa - a - a - a) \times aaaaaaaaa - (a + a) \times aa}{aa \times a} \\ 808080806 &:= \frac{(aa - a - a - a) \times aaaaaaaaaa - (a + a) \times aa}{aa \times a} \end{aligned}$$

$$\begin{aligned} 807 &:= \frac{(aa - a - a - a) \times aaaa - a \times aa}{aa \times a} \\ 80807 &:= \frac{(aa - a - a - a) \times aaaaaa - a \times aa}{aa \times a} \\ 8080807 &:= \frac{(aa - a - a - a) \times aaaaaaaaa - a \times aa}{aa \times a} \\ 808080807 &:= \frac{(aa - a - a - a) \times aaaaaaaaaa - a \times aa}{aa \times a} \end{aligned}$$

$$\begin{aligned} 808 &:= \frac{(aa - a - a - a) \times aaaa}{aa \times a} \\ 80808 &:= \frac{(aa - a - a - a) \times aaaaaa}{aa \times a} \\ 8080808 &:= \frac{(aa - a - a - a) \times aaaaaaaaa}{aa \times a} \\ 808080808 &:= \frac{(aa - a - a - a) \times aaaaaaaaaa}{aa \times a} \end{aligned}$$

$$\begin{aligned} 809 &:= \frac{(aa - a - a - a) \times aaaa + a \times aa}{aa \times a} \\ 80809 &:= \frac{(aa - a - a - a) \times aaaaaa + a \times aa}{aa \times a} \\ 8080809 &:= \frac{(aa - a - a - a) \times aaaaaaaaa + a \times aa}{aa \times a} \\ 808080809 &:= \frac{(aa - a - a - a) \times aaaaaaaaaa + a \times aa}{aa \times a} \end{aligned}$$

$$\begin{aligned} 810 &:= \frac{(aa - a - a - a) \times aaaa + (a + a) \times aa}{aa \times a} \\ 80810 &:= \frac{(aa - a - a - a) \times aaaaaa + (a + a) \times aa}{aa \times a} \\ 8080810 &:= \frac{(aa - a - a - a) \times aaaaaaaaa + (a + a) \times aa}{aa \times a} \\ 808080810 &:= \frac{(aa - a - a - a) \times aaaaaaaaaa + (a + a) \times aa}{aa \times a} \end{aligned}$$

$$\begin{aligned} 811 &:= \frac{(aaa - aa) \times (aa - a - a - a) + aa \times a}{a \times a} \\ 8811 &:= \frac{(aaaa - aa) \times (aa - a - a - a) + aa \times a}{a \times a} \\ 88811 &:= \frac{(aaaaa - aa) \times (aa - a - a - a) + aa \times a}{a \times a} \\ 888811 &:= \frac{(aaaaaa - aa) \times (aa - a - a - a) + aa \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 812 &:= \frac{(aaa - aa) \times (aa - a - a - a) + (aa + a) \times a}{a \times a} \\ 8812 &:= \frac{(aaaa - aa) \times (aa - a - a - a) + (aa + a) \times a}{a \times a} \\ 88812 &:= \frac{(aaaaa - aa) \times (aa - a - a - a) + (aa + a) \times a}{a \times a} \\ 888812 &:= \frac{(aaaaaa - aa) \times (aa - a - a - a) + (aa + a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 813 &:= \frac{(aa + aa) \times aaa - (a + a + a) \times a}{(a + a + a) \times a} \\ 8213 &:= \frac{(aaa + aaa) \times aaa - (a + a + a) \times a}{(a + a + a) \times a} \\ 82213 &:= \frac{(aaaa + aaaa) \times aaa - (a + a + a) \times a}{(a + a + a) \times a} \\ 822213 &:= \frac{(aaaaa + aaaaa) \times aaa - (a + a + a) \times a}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 814 &:= \frac{(aa + aa) \times aaa}{(a + a + a) \times a} \\ 8214 &:= \frac{(aaa + aaa) \times aaa}{(a + a + a) \times a} \\ 82214 &:= \frac{(aaaa + aaaa) \times aaa}{(a + a + a) \times a} \\ 822214 &:= \frac{(aaaaa + aaaaa) \times aaa}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned}
 815 &:= \frac{(aa + aa) \times aaa + (a + a + a) \times a}{(a + a + a) \times a} \\
 8215 &:= \frac{(aaa + aaa) \times aaa + (a + a + a) \times a}{(a + a + a) \times a} \\
 82215 &:= \frac{(aaaa + aaaa) \times aaa + (a + a + a) \times a}{(a + a + a) \times a} \\
 822215 &:= \frac{(aaaaa + aaaaa) \times aaa + (a + a + a) \times a}{(a + a + a) \times a} \\
 816 &:= \frac{(aa - a - a - a) \times (aaaa + aa)}{aa \times a} \\
 80816 &:= \frac{(aa - a - a - a) \times (aaaaaa + aa)}{aa \times a} \\
 8080816 &:= \frac{(aa - a - a - a) \times (aaaaaaaa + aa)}{aa \times a} \\
 808080816 &:= \frac{(aa - a - a - a) \times (aaaaaaaaaa + aa)}{aa \times a} \\
 817 &:= \frac{(aa - a - a - a) \times aaaa + (aa - a - a) \times aa}{a \times aa} \\
 80817 &:= \frac{(aa - a - a - a) \times aaaaaa + (aa - a - a) \times aa}{a \times aa} \\
 8080817 &:= \frac{(aa - a - a - a) \times aaaaaaaaa + (aa - a - a) \times aa}{a \times aa} \\
 808080817 &:= \frac{(aa - a - a - a) \times aaaaaaaaaa + (aa - a - a) \times aa}{a \times aa} \\
 818 &:= \frac{(aa - a - a - a) \times aaaa + (aa - a) \times aa}{a \times aa} \\
 80818 &:= \frac{(aa - a - a - a) \times aaaaaa + (aa - a) \times aa}{a \times aa} \\
 8080818 &:= \frac{(aa - a - a - a) \times aaaaaaaaa + (aa - a) \times aa}{a \times aa} \\
 808080818 &:= \frac{(aa - a - a - a) \times aaaaaaaaaa + (aa - a) \times aa}{a \times aa} \\
 819 &:= \frac{(aa - a - a - a) \times aaaa + aa \times aa}{a \times aa} \\
 80819 &:= \frac{(aa - a - a - a) \times aaaaaa + aa \times aa}{a \times aa} \\
 8080819 &:= \frac{(aa - a - a - a) \times aaaaaaaaa + aa \times aa}{a \times aa} \\
 808080819 &:= \frac{(aa - a - a - a) \times aaaaaaaaaa + aa \times aa}{a \times aa}
 \end{aligned}$$

$$\begin{aligned}
 820 &:= \frac{(aa - a - a - a) \times aaaa + (aa + a) \times aa}{a \times aa} \\
 80820 &:= \frac{(aa - a - a - a) \times aaaaaa + (aa + a) \times aa}{a \times aa} \\
 8080820 &:= \frac{(aa - a - a - a) \times aaaaaaaaa + (aa + a) \times aa}{a \times aa} \\
 808080820 &:= \frac{(aa - a - a - a) \times aaaaaaaaaa + (aa + a) \times aa}{a \times aa} \\
 821 &:= \frac{(aa - a - a - a) \times aaaa + (aa + a + a) \times aa}{a \times aa} \\
 80821 &:= \frac{(aa - a - a - a) \times aaaaaa + (aa + a + a) \times aa}{a \times aa} \\
 8080821 &:= \frac{(aa - a - a - a) \times aaaaaaaaa + (aa + a + a) \times aa}{a \times aa} \\
 808080821 &:= \frac{(aa - a - a - a) \times aaaaaaaaaa + (aa + a + a) \times aa}{a \times aa} \\
 822 &:= \frac{(aaaa + aaa + aa) \times (a + a)}{(a + a + a) \times a} \\
 8222 &:= \frac{(aaaaa + aaaa + aaa) \times (a + a)}{(a + a + a) \times a} \\
 82222 &:= \frac{(aaaaaa + aaaaa + aaaa) \times (a + a)}{(a + a + a) \times a} \\
 822222 &:= \frac{(aaaaaaa + aaaaaa + aaaaa) \times (a + a)}{(a + a + a) \times a} \\
 823 &:= \frac{(aaa - aa) \times (aa - a - a - a) + (aa + aa + a) \times a}{a \times a} \\
 8823 &:= \frac{(aaaa - aa) \times (aa - a - a - a) + (aa + aa + a) \times a}{a \times a} \\
 88823 &:= \frac{(aaaaa - aa) \times (aa - a - a - a) + (aa + aa + a) \times a}{a \times a} \\
 888823 &:= \frac{(aaaaaa - aa) \times (aa - a - a - a) + (aa + aa + a) \times a}{a \times a} \\
 824 &:= \frac{(aa - a - a - a) \times (aaaa + aa + aa)}{aa \times a} \\
 80824 &:= \frac{(aa - a - a - a) \times (aaaaaa + aa + aa)}{aa \times a} \\
 8080824 &:= \frac{(aa - a - a - a) \times (aaaaaaaa + aa + aa)}{aa \times a} \\
 808080824 &:= \frac{(aa - a - a - a) \times (aaaaaaaaaa + aa + aa)}{aa \times a}
 \end{aligned}$$

$$\begin{aligned}
 825 &:= \frac{(aaaa - aa) \times (a + a + a)}{(a + a) \times (a + a)} \\
 8325 &:= \frac{(aaaaa - aa) \times (a + a + a)}{(a + a) \times (a + a)} \\
 83325 &:= \frac{(aaaaaa - aa) \times (a + a + a)}{(a + a) \times (a + a)} \\
 833325 &:= \frac{(aaaaaaa - aa) \times (a + a + a)}{(a + a) \times (a + a)} \\
 826 &:= \frac{aaaaa + a}{aa + a} - \frac{aaaa - aa}{aa} \\
 925826 &:= \frac{aaaaaaaa + a}{aa + a} - \frac{aaaa - aa}{aa} \\
 925925826 &:= \frac{aaaaaaaaaaa + a}{aa + a} - \frac{aaaa - aa}{aa} \\
 925925925826 &:= \frac{aaaaaaaaaaaaa + a}{aa + a} - \frac{aaaa - aa}{aa} \\
 827 &:= \frac{(aa + a + a + a + a) \times aaa - aa \times a}{(a + a) \times a} \\
 8327 &:= \frac{(aa + a + a + a + a) \times aaaa - aa \times a}{(a + a) \times a} \\
 83327 &:= \frac{(aa + a + a + a + a) \times aaaaa - aa \times a}{(a + a) \times a} \\
 833327 &:= \frac{(aa + a + a + a + a) \times aaaaaa - aa \times a}{(a + a) \times a} \\
 828 &:= \frac{(aa + aa + a) \times (aa + a) \times (a + a + a)}{a \times a \times a} \\
 8028 &:= \frac{(aaa + aaa + a) \times (aa + a) \times (a + a + a)}{a \times a \times a} \\
 80028 &:= \frac{(aaaa + aaaa + a) \times (aa + a) \times (a + a + a)}{a \times a \times a} \\
 800028 &:= \frac{(aaaaa + aaaaa + a) \times (aa + a) \times (a + a + a)}{a \times a \times a} \\
 829 &:= \frac{(aa - a - a - a) \times aaaa + (aa + aa - a) \times aa}{a \times aa} \\
 80829 &:= \frac{(aa - a - a - a) \times aaaaa + (aa + aa - a) \times aa}{a \times aa} \\
 8080829 &:= \frac{(aa - a - a - a) \times aaaaaaa + (aa + aa - a) \times aa}{a \times aa} \\
 808080829 &:= \frac{(aa - a - a - a) \times aaaaaaaaa + (aa + aa - a) \times aa}{a \times aa}
 \end{aligned}$$

$$\begin{aligned}
 830 &:= \frac{((aa + a) \times (aa + a) + aa \times (a + a)) \times (aa - a)}{a \times a \times (a + a)} \\
 6830 &:= \frac{((aaa + a) \times (aa + a) + aa \times (a + a)) \times (aa - a)}{a \times a \times (a + a)} \\
 66830 &:= \frac{((aaaa + a) \times (aa + a) + aa \times (a + a)) \times (aa - a)}{a \times a \times (a + a)} \\
 666830 &:= \frac{((aaaaa + a) \times (aa + a) + aa \times (a + a)) \times (aa - a)}{a \times a \times (a + a)} \\
 831 &:= \frac{(aaaa - a - a - a) \times (a + a + a)}{(a + a) \times (a + a)} \\
 8331 &:= \frac{(aaaaa - a - a - a) \times (a + a + a)}{(a + a) \times (a + a)} \\
 83331 &:= \frac{(aaaaaa - a - a - a) \times (a + a + a)}{(a + a) \times (a + a)} \\
 833331 &:= \frac{(aaaaaaa - a - a - a) \times (a + a + a)}{(a + a) \times (a + a)} \\
 832 &:= \frac{(aa + a + a + a + a) \times aaa - a \times a}{(a + a) \times a} \\
 8332 &:= \frac{(aa + a + a + a + a) \times aaaa - a \times a}{(a + a) \times a} \\
 83332 &:= \frac{(aa + a + a + a + a) \times aaaaa - a \times a}{(a + a) \times a} \\
 833332 &:= \frac{(aa + a + a + a + a) \times aaaaaa - a \times a}{(a + a) \times a} \\
 833 &:= \frac{(aa + a + a + a + a) \times aaa + a \times a}{(a + a) \times a} \\
 8333 &:= \frac{(aa + a + a + a + a) \times aaaa + a \times a}{(a + a) \times a} \\
 83333 &:= \frac{(aa + a + a + a + a) \times aaaaa + a \times a}{(a + a) \times a} \\
 833333 &:= \frac{(aa + a + a + a + a) \times aaaaaa + a \times a}{(a + a) \times a}
 \end{aligned}$$

$$834 := \frac{(aaaa + a) \times (a + a + a)}{(a + a) \times (a + a)}$$

$$8334 := \frac{(aaaaa + a) \times (a + a + a)}{(a + a) \times (a + a)}$$

$$83334 := \frac{(aaaaaa + a) \times (a + a + a)}{(a + a) \times (a + a)}$$

$$833334 := \frac{(aaaaaaa + a) \times (a + a + a)}{(a + a) \times (a + a)}$$

$$838 := \frac{(aa + a + a + a + a) \times aaa + aa \times a}{(a + a) \times a}$$

$$8338 := \frac{(aa + a + a + a + a) \times aaaa + aa \times a}{(a + a) \times a}$$

$$83338 := \frac{(aa + a + a + a + a) \times aaaaa + aa \times a}{(a + a) \times a}$$

$$833338 := \frac{(aa + a + a + a + a) \times aaaaaa + aa \times a}{(a + a) \times a}$$

$$835 := \frac{(aaaa + a) \times (aa - a - a) + a \times (aa + a)}{a \times (aa + a)}$$

$$8335 := \frac{(aaaaa + a) \times (aa - a - a) + a \times (aa + a)}{a \times (aa + a)}$$

$$83335 := \frac{(aaaaaa + a) \times (aa - a - a) + a \times (aa + a)}{a \times (aa + a)}$$

$$833335 := \frac{(aaaaaaa + a) \times (aa - a - a) + a \times (aa + a)}{a \times (aa + a)}$$

$$839 := \frac{(aaa + a) \times (aa + a + a) + aaa \times (a + a)}{(a + a) \times a}$$

$$1839 := \frac{(aaa + a) \times (aa + a + a) + aaaa \times (a + a)}{(a + a) \times a}$$

$$11839 := \frac{(aaa + a) \times (aa + a + a) + aaaaa \times (a + a)}{(a + a) \times a}$$

$$111839 := \frac{(aaa + a) \times (aa + a + a) + aaaaaa \times (a + a)}{(a + a) \times a}$$

$$836 := \frac{(aaa + a + a + a) \times (aa + aa)}{(a + a + a) \times a}$$

$$8436 := \frac{(aaa + a + a + a) \times (aaa + aaa)}{(a + a + a) \times a}$$

$$84436 := \frac{(aaa + a + a + a) \times (aaaa + aaaa)}{(a + a + a) \times a}$$

$$844436 := \frac{(aaa + a + a + a) \times (aaaaa + aaaaa)}{(a + a + a) \times a}$$

$$840 := \frac{(aaa + aaa - aa - a) \times (aa + a)}{(a + a + a) \times a}$$

$$7840 := \frac{(aaa + aaa - aa - a) \times (aaa + a)}{(a + a + a) \times a}$$

$$77840 := \frac{(aaa + aaa - aa - a) \times (aaaa + a)}{(a + a + a) \times a}$$

$$777840 := \frac{(aaa + aaa - aa - a) \times (aaaaa + a)}{(a + a + a) \times a}$$

$$837 := \frac{(aaa - a) \times aa + (aaa + aaa + aa - a) \times (a + a)}{(a + a) \times a}$$

$$2837 := \frac{(aaa - a) \times aa + (aaaa + aaaa + aa - a) \times (a + a)}{(a + a) \times a}$$

$$22837 := \frac{(aaa - a) \times aa + (aaaaa + aaaaa + aa - a) \times (a + a)}{(a + a) \times a}$$

$$222837 := \frac{(aaa - a) \times aa + (aaaaaa + aaaaaa + aa - a) \times (a + a)}{(a + a) \times a}$$

$$841 := \frac{(aa + a + a + a + a) \times (aaa + a) + a \times (a + a)}{(a + a) \times a}$$

$$8341 := \frac{(aa + a + a + a + a) \times (aaaa + a) + a \times (a + a)}{(a + a) \times a}$$

$$83341 := \frac{(aa + a + a + a + a) \times (aaaaa + a) + a \times (a + a)}{(a + a) \times a}$$

$$833341 := \frac{(aa + a + a + a + a) \times (aaaaaa + a) + a \times (a + a)}{(a + a) \times a}$$

$$\begin{aligned} 842 &:= \frac{(aaa + aa) \times (aa + a) + (aaa - a) \times (a + a)}{(a + a) \times a} \\ 6842 &:= \frac{(aaaa + aa) \times (aa + a) + (aaa - a) \times (a + a)}{(a + a) \times a} \\ 66842 &:= \frac{(aaaaa + aa) \times (aa + a) + (aaa - a) \times (a + a)}{(a + a) \times a} \\ 666842 &:= \frac{(aaaaaa + aa) \times (aa + a) + (aaa - a) \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 843 &:= \frac{(aaa + aa) \times (aa + a) + aaa \times (a + a)}{(a + a) \times a} \\ 6843 &:= \frac{(aaaa + aa) \times (aa + a) + aaa \times (a + a)}{(a + a) \times a} \\ 66843 &:= \frac{(aaaaa + aa) \times (aa + a) + aaa \times (a + a)}{(a + a) \times a} \\ 666843 &:= \frac{(aaaaaa + aa) \times (aa + a) + aaa \times (a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 844 &:= \frac{(aaa + aaa - aa) \times (aa + a)}{(a + a + a) \times a} \\ 4844 &:= \frac{(aaaa + aaa - aa) \times (aa + a)}{(a + a + a) \times a} \\ 44844 &:= \frac{(aaaaa + aaa - aa) \times (aa + a)}{(a + a + a) \times a} \\ 444844 &:= \frac{(aaaaaa + aaa - aa) \times (aa + a)}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 845 &:= \frac{((aa + a) \times aa - a \times (a + a)) \times (aa + a + a)}{a \times a \times (a + a)} \\ 8645 &:= \frac{((aa + a) \times aaa - a \times (a + a)) \times (aa + a + a)}{a \times a \times (a + a)} \\ 86645 &:= \frac{((aa + a) \times aaaa - a \times (a + a)) \times (aa + a + a)}{a \times a \times (a + a)} \\ 866645 &:= \frac{((aa + a) \times aaaaa - a \times (a + a)) \times (aa + a + a)}{a \times a \times (a + a)} \end{aligned}$$

$$\begin{aligned} 846 &:= \frac{(aa - a - a - a - a) \times aa \times aa - a \times a \times a}{a \times a \times a} \\ 8546 &:= \frac{(aa - a - a - a - a) \times aaa \times aa - a \times a \times a}{a \times a \times a} \\ 85546 &:= \frac{(aa - a - a - a - a) \times aaaa \times aa - a \times a \times a}{a \times a \times a} \\ 855546 &:= \frac{(aa - a - a - a - a) \times aaaaa \times aa - a \times a \times a}{a \times a \times a} \end{aligned}$$

$$\begin{aligned} 847 &:= \frac{(aa - a - a - a - a) \times aa \times aa}{a \times a \times a} \\ 8547 &:= \frac{(aa - a - a - a - a) \times aaa \times aa}{a \times a \times a} \\ 85547 &:= \frac{(aa - a - a - a - a) \times aaaa \times aa}{a \times a \times a} \\ 855547 &:= \frac{(aa - a - a - a - a) \times aaaaa \times aa}{a \times a \times a} \end{aligned}$$

$$\begin{aligned} 848 &:= \frac{(aa - a - a - a - a) \times aa \times aa + a \times a \times a}{a \times a \times a} \\ 8548 &:= \frac{(aa - a - a - a - a) \times aaa \times aa + a \times a \times a}{a \times a \times a} \\ 85548 &:= \frac{(aa - a - a - a - a) \times aaaa \times aa + a \times a \times a}{a \times a \times a} \\ 855548 &:= \frac{(aa - a - a - a - a) \times aaaaa \times aa + a \times a \times a}{a \times a \times a} \end{aligned}$$

$$\begin{aligned} 849 &:= \frac{(aa + aa + a) \times aaa - (a + a) \times (a + a + a)}{(a + a + a) \times a} \\ 8249 &:= \frac{(aaa + aaa + a) \times aaa - (a + a) \times (a + a + a)}{(a + a + a) \times a} \\ 82249 &:= \frac{(aaaa + aaaa + a) \times aaa - (a + a) \times (a + a + a)}{(a + a + a) \times a} \\ 822249 &:= \frac{(aaaaa + aaaaa + a) \times aaa - (a + a) \times (a + a + a)}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 850 &:= \frac{(aa + aa + a) \times aaa - a \times (a + a + a)}{a \times (a + a + a)} \\ 8250 &:= \frac{(aaa + aaa + a) \times aaa - a \times (a + a + a)}{a \times (a + a + a)} \\ 82250 &:= \frac{(aaaa + aaaa + a) \times aaa - a \times (a + a + a)}{a \times (a + a + a)} \\ 822250 &:= \frac{(aaaaa + aaaaa + a) \times aaa - a \times (a + a + a)}{a \times (a + a + a)} \end{aligned}$$

$$\begin{aligned}
 851 &:= \frac{(aa + aa + a) \times aaa}{a \times (a + a + a)} \\
 8251 &:= \frac{(aaa + aaa + a) \times aaa}{a \times (a + a + a)} \\
 82251 &:= \frac{(aaaa + aaaa + a) \times aaa}{a \times (a + a + a)} \\
 822251 &:= \frac{(aaaaa + aaaaa + a) \times aaa}{a \times (a + a + a)} \\
 852 &:= \frac{(aa + aa + a) \times aaa + a \times (a + a + a)}{a \times (a + a + a)} \\
 8252 &:= \frac{(aaa + aaa + a) \times aaa + a \times (a + a + a)}{a \times (a + a + a)} \\
 82252 &:= \frac{(aaaa + aaaa + a) \times aaa + a \times (a + a + a)}{a \times (a + a + a)} \\
 822252 &:= \frac{(aaaaa + aaaaa + a) \times aaa + a \times (a + a + a)}{a \times (a + a + a)} \\
 853 &:= \frac{(aa + aa + a) \times aaa + (a + a) \times (a + a + a)}{(a + a + a) \times a} \\
 8253 &:= \frac{(aaa + aaa + a) \times aaa + (a + a) \times (a + a + a)}{(a + a + a) \times a} \\
 82253 &:= \frac{(aaaa + aaaa + a) \times aaa + (a + a) \times (a + a + a)}{(a + a + a) \times a} \\
 822253 &:= \frac{(aaaaa + aaaaa + a) \times aaa + (a + a) \times (a + a + a)}{(a + a + a) \times a} \\
 854 &:= \frac{aaaa - aaa - aaa - aa - aa - aa - a - a}{a} \\
 9854 &:= \frac{aaaaa - aaaa - aaa - aa - aa - aa - a - a}{a} \\
 99854 &:= \frac{aaaaaa - aaaaa - aaa - aa - aa - aa - a - a}{a} \\
 999854 &:= \frac{aaaaaaa - aaaaaa - aaa - aa - aa - aa - a - a}{a} \\
 855 &:= \frac{aaaa - aaa - aaa - aa - aa - aa - a}{a} \\
 9855 &:= \frac{aaaaa - aaaa - aaa - aa - aa - aa - a}{a} \\
 99855 &:= \frac{aaaaaa - aaaaa - aaa - aa - aa - aa - a}{a} \\
 999855 &:= \frac{aaaaaaa - aaaaaa - aaa - aa - aa - aa - a}{a}
 \end{aligned}$$

$$\begin{aligned}
 856 &:= \frac{aaaa - aaa - aaa - aa - aa - aa}{a} \\
 9856 &:= \frac{aaaaa - aaaa - aaa - aa - aa - aa}{a} \\
 99856 &:= \frac{aaaaaa - aaaaa - aaa - aa - aa - aa}{a} \\
 999856 &:= \frac{aaaaaaa - aaaaaa - aaa - aa - aa - aa}{a} \\
 857 &:= \frac{(aaa - aa - aa - aa) \times aa - a \times a}{a \times a} \\
 9657 &:= \frac{(aaa - aa - aa - aa) \times aaa - a \times a}{a \times a} \\
 86657 &:= \frac{(aaa - aa - aa - aa) \times aaaa - a \times a}{a \times a} \\
 866657 &:= \frac{(aaa - aa - aa - aa) \times aaaaa - a \times a}{a \times a} \\
 858 &:= \frac{(aaa - aa - aa - aa) \times aa}{a \times a} \\
 9658 &:= \frac{(aaa - aa - aa - aa) \times aaa}{a \times a} \\
 86658 &:= \frac{(aaa - aa - aa - aa) \times aaaa}{a \times a} \\
 866658 &:= \frac{(aaa - aa - aa - aa) \times aaaaa}{a \times a} \\
 859 &:= \frac{(aaa - aa - aa - aa) \times aa + a \times a}{a \times a} \\
 8659 &:= \frac{(aaa - aa - aa - aa) \times aaa + a \times a}{a \times a} \\
 86659 &:= \frac{(aaa - aa - aa - aa) \times aaaa + a \times a}{a \times a} \\
 866659 &:= \frac{(aaa - aa - aa - aa) \times aaaaa + a \times a}{a \times a} \\
 860 &:= \frac{(aaa - aa - aa - a - a - a) \times (aaa - a)}{aa \times a} \\
 9860 &:= \frac{(aaaa - aaa - aa - a - a - a) \times (aaa - a)}{aa \times a} \\
 99860 &:= \frac{(aaaaa - aaaa - aa - a - a - a) \times (aaa - a)}{aa \times a} \\
 999860 &:= \frac{(aaaaaa - aaaaa - aa - a - a - a) \times (aaa - a)}{aa \times a}
 \end{aligned}$$

$$\begin{aligned}
 861 &:= \frac{(aaa + aa + a) \times (aa + aa - a)}{(a + a + a) \times a} \\
 7861 &:= \frac{(aaaa + aa + a) \times (aa + aa - a)}{(a + a + a) \times a} \\
 77861 &:= \frac{(aaaaa + aa + a) \times (aa + aa - a)}{(a + a + a) \times a} \\
 777861 &:= \frac{(aaaaaa + aa + a) \times (aa + aa - a)}{(a + a + a) \times a} \\
 \\ 
 862 &:= \frac{(aa + aa + a) \times aaa + aa \times (a + a + a)}{a \times (a + a + a)} \\
 8262 &:= \frac{(aaa + aaa + a) \times aaa + aa \times (a + a + a)}{a \times (a + a + a)} \\
 82262 &:= \frac{(aaaa + aaaa + a) \times aaa + aa \times (a + a + a)}{a \times (a + a + a)} \\
 822262 &:= \frac{(aaaaa + aaaaa + a) \times aaa + aa \times (a + a + a)}{a \times (a + a + a)} \\
 \\ 
 863 &:= \frac{(aa + a) \times (aa + a) \times (aa + a) - (a + a) \times a \times a}{(a + a) \times a \times a} \\
 8063 &:= \frac{(aaa + a) \times (aa + a) \times (aa + a) - (a + a) \times a \times a}{(a + a) \times a \times a} \\
 80063 &:= \frac{(aaaa + a) \times (aa + a) \times (aa + a) - (a + a) \times a \times a}{(a + a) \times a \times a} \\
 800063 &:= \frac{(aaaaa + a) \times (aa + a) \times (aa + a) - (a + a) \times a \times a}{(a + a) \times a \times a} \\
 \\ 
 864 &:= \frac{(aa + a) \times (aa + a) \times (aa + a)}{(a + a) \times a \times a} \\
 8064 &:= \frac{(aaa + a) \times (aa + a) \times (aa + a)}{(a + a) \times a \times a} \\
 80064 &:= \frac{(aaaa + a) \times (aa + a) \times (aa + a)}{(a + a) \times a \times a} \\
 800064 &:= \frac{(aaaaa + a) \times (aa + a) \times (aa + a)}{(a + a) \times a \times a}
 \end{aligned}$$

$$\begin{aligned}
 865 &:= \frac{aaaa - aaa - aaa - aa - aa - a - a}{a} \\
 9865 &:= \frac{aaaaa - aaaa - aaa - aa - aa - a - a}{a} \\
 99865 &:= \frac{aaaaaaa - aaaaa - aaa - aa - aa - a - a}{a} \\
 999865 &:= \frac{aaaaaaaa - aaaaaa - aaa - aa - aa - a - a}{a} \\
 \\ 
 866 &:= \frac{aaaa - aaa - aaa - aa - aa - a}{a} \\
 9866 &:= \frac{aaaaa - aaaa - aaa - aa - aa - a}{a} \\
 99866 &:= \frac{aaaaaaa - aaaaa - aaa - aa - aa - a}{a} \\
 999866 &:= \frac{aaaaaaaa - aaaaaa - aaa - aa - aa - a}{a} \\
 \\ 
 867 &:= \frac{aaaa - aaa - aaa - aa - aa}{a} \\
 9867 &:= \frac{aaaaa - aaaa - aaa - aa - aa}{a} \\
 99867 &:= \frac{aaaaaaa - aaaaa - aaa - aa - aa}{a} \\
 999867 &:= \frac{aaaaaaaa - aaaaaa - aaa - aa - aa}{a} \\
 \\ 
 868 &:= \frac{aaaa - aaa - aaa - aa - aa + a}{a} \\
 9868 &:= \frac{aaaaa - aaaa - aaa - aa - aa + a}{a} \\
 99868 &:= \frac{aaaaaaa - aaaaa - aaa - aa - aa + a}{a} \\
 999868 &:= \frac{aaaaaaaa - aaaaaa - aaa - aa - aa + a}{a} \\
 \\ 
 869 &:= \frac{aaaa - aaa - aaa - aa - aa + a + a}{a} \\
 9869 &:= \frac{aaaaa - aaaa - aaa - aa - aa + a + a}{a} \\
 99869 &:= \frac{aaaaaaa - aaaaa - aaa - aa - aa + a + a}{a} \\
 999869 &:= \frac{aaaaaaaa - aaaaaa - aaa - aa - aa + a + a}{a}
 \end{aligned}$$

$$\begin{aligned} 870 &:= \frac{(aaa - a - a) \times (aa - a - a - a) - a \times (a + a)}{a \times a} \\ 8870 &:= \frac{(aaaa - a - a) \times (aa - a - a - a) - a \times (a + a)}{a \times a} \\ 88870 &:= \frac{(aaaaa - a - a) \times (aa - a - a - a) - a \times (a + a)}{a \times a} \\ 888870 &:= \frac{(aaaaaa - a - a) \times (aa - a - a - a) - a \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 871 &:= \frac{(aaa - a - a) \times (aa - a - a - a) - a \times a}{a \times a} \\ 8871 &:= \frac{(aaaa - a - a) \times (aa - a - a - a) - a \times a}{a \times a} \\ 88871 &:= \frac{(aaaaa - a - a) \times (aa - a - a - a) - a \times a}{a \times a} \\ 888871 &:= \frac{(aaaaaa - a - a) \times (aa - a - a - a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 872 &:= \frac{(aaa - a - a) \times (aa - a - a - a)}{a \times a} \\ 8872 &:= \frac{(aaaa - a - a) \times (aa - a - a - a)}{a \times a} \\ 88872 &:= \frac{(aaaaa - a - a) \times (aa - a - a - a)}{a \times a} \\ 888872 &:= \frac{(aaaaaa - a - a) \times (aa - a - a - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 873 &:= \frac{(aaa - a - a) \times (aa - a - a - a) + a \times a}{a \times a} \\ 8873 &:= \frac{(aaaa - a - a) \times (aa - a - a - a) + a \times a}{a \times a} \\ 88873 &:= \frac{(aaaaa - a - a) \times (aa - a - a - a) + a \times a}{a \times a} \\ 888873 &:= \frac{(aaaaaa - a - a) \times (aa - a - a - a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 874 &:= \frac{aaaa - aaa - aaa - aa - a - a - a - a}{a} \\ 9874 &:= \frac{aaaaa - aaaa - aaa - aa - a - a - a - a}{a} \\ 99874 &:= \frac{aaaaaa - aaaaa - aaaa - aa - a - a - a - a}{a} \\ 999874 &:= \frac{aaaaaaa - aaaaaa - aaaa - aa - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 875 &:= \frac{aaaa - aaa - aaa - aa - a - a - a}{a} \\ 9875 &:= \frac{aaaaa - aaaa - aaa - aa - a - a - a}{a} \\ 99875 &:= \frac{aaaaaa - aaaaa - aaaa - aa - a - a - a}{a} \\ 999875 &:= \frac{aaaaaaa - aaaaaa - aaaa - aa - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 876 &:= \frac{aaaa - aaa - aaa - aa - a - a}{a} \\ 9876 &:= \frac{aaaaa - aaaa - aaa - aa - a - a}{a} \\ 99876 &:= \frac{aaaaaa - aaaaa - aaaa - aa - a - a}{a} \\ 999876 &:= \frac{aaaaaaa - aaaaaa - aaaa - aa - a - a}{a} \end{aligned}$$

$$\begin{aligned} 877 &:= \frac{aaaa - aaa - aaa - aa - a}{a} \\ 9877 &:= \frac{aaaaa - aaaa - aaa - aa - a}{a} \\ 99877 &:= \frac{aaaaaa - aaaaa - aaaa - aa - a}{a} \\ 999877 &:= \frac{aaaaaaa - aaaaaa - aaaa - aa - a}{a} \end{aligned}$$

$$\begin{aligned} 878 &:= \frac{aaaa - aaa - aaa - aa}{a} \\ 9878 &:= \frac{aaaaa - aaaa - aaa - aa}{a} \\ 99878 &:= \frac{aaaaaa - aaaaa - aaaa - aa}{a} \\ 999878 &:= \frac{aaaaaaa - aaaaaa - aaaa - aa}{a} \end{aligned}$$

$$\begin{aligned} 879 &:= \frac{aaaa - aaa - aaa - aa + a}{a} \\ 9879 &:= \frac{aaaaa - aaaa - aaa - aa + a}{a} \\ 99879 &:= \frac{aaaaaa - aaaaa - aaaa - aa + a}{a} \\ 999879 &:= \frac{aaaaaaa - aaaaaa - aaaa - aa + a}{a} \end{aligned}$$



$$\begin{aligned} 880 &:= \frac{(aaa - a) \times (aa - a - a - a)}{a \times a} \\ 8880 &:= \frac{(aaaa - a) \times (aa - a - a - a)}{a \times a} \\ 88880 &:= \frac{(aaaaa - a) \times (aa - a - a - a)}{a \times a} \\ 888880 &:= \frac{(aaaaaa - a) \times (aa - a - a - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 881 &:= \frac{(aaa - a) \times (aa - a - a - a) + a \times a}{a \times a} \\ 8881 &:= \frac{(aaaa - a) \times (aa - a - a - a) + a \times a}{a \times a} \\ 88881 &:= \frac{(aaaaa - a) \times (aa - a - a - a) + a \times a}{a \times a} \\ 888881 &:= \frac{(aaaaaa - a) \times (aa - a - a - a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 882 &:= \frac{aaaa - aaa - aaa - aa + a + a + a + a}{a} \\ 9882 &:= \frac{aaaaa - aaaa - aaa - aa + a + a + a + a}{a} \\ 99882 &:= \frac{aaaaaaa - aaaaa - aaa - aa + a + a + a + a}{a} \\ 999882 &:= \frac{aaaaaaaa - aaaaaa - aaa - aa + a + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 883 &:= \frac{(aa - a - a - a) \times (aaa - a) + (a + a + a) \times a}{a \times a} \\ 8583 &:= \frac{(aaa - aa - aa - aa) \times (aaa - a) + (a + a + a) \times a}{a \times a} \\ 85583 &:= \frac{(aaaa - aaa - aaa - aaa) \times (aaa - a) + (a + a + a) \times a}{a \times a} \\ 855583 &:= \frac{(aaaaa - aaaa - aaaa - aaaa) \times (aaa - a) + (a + a + a) \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 884 &:= \frac{(aaa + aaa - a) \times (aa + a)}{(a + a + a) \times a} \\ 4884 &:= \frac{(aaaa + aaa - a) \times (aa + a)}{(a + a + a) \times a} \\ 44884 &:= \frac{(aaaaa + aaa - a) \times (aa + a)}{(a + a + a) \times a} \\ 444884 &:= \frac{(aaaaaa + aaa - a) \times (aa + a)}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 885 &:= \frac{aaaa - aaa - aaa - a - a - a - a}{a} \\ 9885 &:= \frac{aaaaa - aaaa - aaa - a - a - a - a}{a} \\ 99885 &:= \frac{aaaaaaa - aaaaa - aaa - a - a - a - a}{a} \\ 999885 &:= \frac{aaaaaaaa - aaaaaa - aaa - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 886 &:= \frac{aaaa - aaa - aaa - a - a - a}{a} \\ 9886 &:= \frac{aaaaa - aaaa - aaa - a - a - a}{a} \\ 99886 &:= \frac{aaaaaaa - aaaaa - aaa - a - a - a}{a} \\ 999886 &:= \frac{aaaaaaaa - aaaaaa - aaa - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 887 &:= \frac{aaaa - aaa - aaa - a - a}{a} \\ 9887 &:= \frac{aaaaa - aaaa - aaa - a - a}{a} \\ 99887 &:= \frac{aaaaaaa - aaaaa - aaa - a - a}{a} \\ 999887 &:= \frac{aaaaaaaa - aaaaaa - aaa - a - a}{a} \end{aligned}$$

$$\begin{aligned} 888 &:= \frac{aaaa - aaa - aaa - a}{a} \\ 9888 &:= \frac{aaaaa - aaaa - aaa - a}{a} \\ 99888 &:= \frac{aaaaaaa - aaaaa - aaa - a}{a} \\ 999888 &:= \frac{aaaaaaaa - aaaaaa - aaa - a}{a} \end{aligned}$$

$$\begin{aligned} 889 &:= \frac{aaaa - aaa - aaa}{a} \\ 9889 &:= \frac{aaaaa - aaaa - aaa}{a} \\ 99889 &:= \frac{aaaaaaa - aaaaa - aaa}{a} \\ 999889 &:= \frac{aaaaaaaa - aaaaaa - aaa}{a} \end{aligned}$$

$$\begin{aligned} 890 &:= \frac{aaaa - aaa - aaa + a}{a} \\ 9890 &:= \frac{aaaaa - aaaa - aaa + a}{a} \\ 99890 &:= \frac{aaaaaa - aaaaa - aaa + a}{a} \\ 999890 &:= \frac{aaaaaaa - aaaaaa - aaa + a}{a} \end{aligned}$$

$$\begin{aligned} 891 &:= \frac{aaaa - aaa - aaa + a + a}{a} \\ 9891 &:= \frac{aaaaa - aaaa - aaa + a + a}{a} \\ 99891 &:= \frac{aaaaaa - aaaaa - aaa + a + a}{a} \\ 999891 &:= \frac{aaaaaaa - aaaaaa - aaa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 892 &:= \frac{aaaa - aaa - aaa + a + a + a}{a} \\ 9892 &:= \frac{aaaaa - aaaa - aaa + a + a + a}{a} \\ 99892 &:= \frac{aaaaaa - aaaaa - aaa + a + a + a}{a} \\ 999892 &:= \frac{aaaaaaa - aaaaaa - aaa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 893 &:= \frac{aaaa - aaa - aaa + a + a + a + a}{a} \\ 9893 &:= \frac{aaaaa - aaaa - aaa + a + a + a + a}{a} \\ 99893 &:= \frac{aaaaaa - aaaaa - aaa + a + a + a + a}{a} \\ 999893 &:= \frac{aaaaaaa - aaaaaa - aaa + a + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 894 &:= \frac{(aa - a - a - a) \times (aaa + a) - a \times (a + a)}{a \times a} \\ 8894 &:= \frac{(aa - a - a - a) \times (aaaa + a) - a \times (a + a)}{a \times a} \\ 88894 &:= \frac{(aa - a - a - a) \times (aaaaa + a) - a \times (a + a)}{a \times a} \\ 888894 &:= \frac{(aa - a - a - a) \times (aaaaaa + a) - a \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 895 &:= \frac{(aa - a - a - a) \times (aaa + a) - a \times a}{a \times a} \\ 8895 &:= \frac{(aa - a - a - a) \times (aaaa + a) - a \times a}{a \times a} \\ 88895 &:= \frac{(aa - a - a - a) \times (aaaaa + a) - a \times a}{a \times a} \\ 888895 &:= \frac{(aa - a - a - a) \times (aaaaaa + a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 896 &:= \frac{(aa - a - a - a) \times (aaa + a)}{a \times a} \\ 8896 &:= \frac{(aa - a - a - a) \times (aaaa + a)}{a \times a} \\ 88896 &:= \frac{(aa - a - a - a) \times (aaaaa + a)}{a \times a} \\ 888896 &:= \frac{(aa - a - a - a) \times (aaaaaa + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 897 &:= \frac{aaaa - aaa - aaa + aa - a - a - a}{a} \\ 9897 &:= \frac{aaaaa - aaaa - aaa + aa - a - a - a}{a} \\ 99897 &:= \frac{aaaaaa - aaaaa - aaa + aa - a - a - a}{a} \\ 999897 &:= \frac{aaaaaaa - aaaaaa - aaa + aa - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 898 &:= \frac{aaaa - aaa - aaa + aa - a - a}{a} \\ 9898 &:= \frac{aaaaa - aaaa - aaa + aa - a - a}{a} \\ 99898 &:= \frac{aaaaaa - aaaaa - aaa + aa - a - a}{a} \\ 999898 &:= \frac{aaaaaaa - aaaaaa - aaa + aa - a - a}{a} \end{aligned}$$

$$\begin{aligned} 899 &:= \frac{aaaa - aaa - aaa + aa - a}{a} \\ 9899 &:= \frac{aaaaa - aaaa - aaa + aa - a}{a} \\ 99899 &:= \frac{aaaaaa - aaaaa - aaa + aa - a}{a} \\ 999899 &:= \frac{aaaaaaa - aaaaaa - aaa + aa - a}{a} \end{aligned}$$

$$\begin{aligned} 900 &:= \frac{(aaa - aa) \times (aa - a - a)}{a \times a} \\ 9900 &:= \frac{(aaaa - aa) \times (aa - a - a)}{a \times a} \\ 99900 &:= \frac{(aaaaa - aa) \times (aa - a - a)}{a \times a} \\ 999900 &:= \frac{(aaaaaa - aa) \times (aa - a - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 901 &:= \frac{aaaa - aaa - aaa + aa + a}{a} \\ 9901 &:= \frac{aaaaa - aaaa - aaa + aa + a}{a} \\ 99901 &:= \frac{aaaaaa - aaaaa - aaa + aa + a}{a} \\ 999901 &:= \frac{aaaaaaa - aaaaaa - aaa + aa + a}{a} \end{aligned}$$

$$\begin{aligned} 902 &:= \frac{aaaa - aaa - aaa + aa + a + a}{a} \\ 9902 &:= \frac{aaaaa - aaaa - aaa + aa + a + a}{a} \\ 99902 &:= \frac{aaaaaa - aaaaa - aaa + aa + a + a}{a} \\ 999902 &:= \frac{aaaaaaa - aaaaaa - aaa + aa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 903 &:= \frac{aaaa - aaa - aaa + aa + a + a + a}{a} \\ 9903 &:= \frac{aaaaa - aaaa - aaa + aa + a + a + a}{a} \\ 99903 &:= \frac{aaaaaa - aaaaa - aaa + aa + a + a + a}{a} \\ 999903 &:= \frac{aaaaaaa - aaaaaa - aaa + aa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 904 &:= \frac{(aaa + a + a) \times (aa - a - a - a)}{a \times a} \\ 8904 &:= \frac{(aaaa + a + a) \times (aa - a - a - a)}{a \times a} \\ 88904 &:= \frac{(aaaaa + a + a) \times (aa - a - a - a)}{a \times a} \\ 888904 &:= \frac{(aaaaaa + a + a) \times (aa - a - a - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 905 &:= \frac{(aaa + a + a) \times (aa - a - a - a) + a \times a}{a \times a} \\ 8905 &:= \frac{(aaaa + a + a) \times (aa - a - a - a) + a \times a}{a \times a} \\ 88905 &:= \frac{(aaaaa + a + a) \times (aa - a - a - a) + a \times a}{a \times a} \\ 888905 &:= \frac{(aaaaaa + a + a) \times (aa - a - a - a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 906 &:= \frac{aaaa \times (aa - a - a) - (a + a + a) \times aa}{a \times aa} \\ 90906 &:= \frac{aaaaaa \times (aa - a - a) - (a + a + a) \times aa}{a \times aa} \\ 9090906 &:= \frac{aaaaaaaa \times (aa - a - a) - (a + a + a) \times aa}{a \times aa} \\ 909090906 &:= \frac{aaaaaaaaaa \times (aa - a - a) - (a + a + a) \times aa}{a \times aa} \end{aligned}$$

$$\begin{aligned} 907 &:= \frac{aaaa \times (aa - a - a) - (a + a) \times aa}{a \times aa} \\ 90907 &:= \frac{aaaaaa \times (aa - a - a) - (a + a) \times aa}{a \times aa} \\ 9090907 &:= \frac{aaaaaaaa \times (aa - a - a) - (a + a) \times aa}{a \times aa} \\ 909090907 &:= \frac{aaaaaaaaaa \times (aa - a - a) - (a + a) \times aa}{a \times aa} \end{aligned}$$

$$\begin{aligned} 908 &:= \frac{aaaa \times (aa - a - a) - a \times aa}{a \times aa} \\ 90908 &:= \frac{aaaaaa \times (aa - a - a) - a \times aa}{a \times aa} \\ 9090908 &:= \frac{aaaaaaaa \times (aa - a - a) - a \times aa}{a \times aa} \\ 909090908 &:= \frac{aaaaaaaaaa \times (aa - a - a) - a \times aa}{a \times aa} \end{aligned}$$

$$\begin{aligned} 909 &:= \frac{aaaa \times (aa - a - a)}{a \times aa} \\ 90909 &:= \frac{aaaaaa \times (aa - a - a)}{a \times aa} \\ 9090909 &:= \frac{aaaaaaaa \times (aa - a - a)}{a \times aa} \\ 909090909 &:= \frac{aaaaaaaaaa \times (aa - a - a)}{a \times aa} \end{aligned}$$

$$\begin{aligned} 910 &:= \frac{aaaa - aaa - aaa + aa + aa - a}{a} \\ 9910 &:= \frac{aaaaaa - aaaa - aaa + aa + aa - a}{a} \\ 99910 &:= \frac{aaaaaaaa - aaaaaa - aaa + aa + aa - a}{a} \\ 999910 &:= \frac{aaaaaaaaa - aaaaaa - aaa + aa + aa - a}{a} \end{aligned}$$

$$\begin{aligned} 911 &:= \frac{aaaa - aaa - aaa + aa + aa}{a} \\ 9911 &:= \frac{aaaaa - aaaa - aaa + aa + aa}{a} \\ 99911 &:= \frac{aaaaaaa - aaaaaa - aaa + aa + aa}{a} \\ 999911 &:= \frac{aaaaaaaa - aaaaaa - aaa + aa + aa}{a} \end{aligned}$$

$$\begin{aligned} 912 &:= \frac{aaaa - aaa - aaa + aa + aa + a}{a} \\ 9912 &:= \frac{aaaaa - aaaa - aaa + aa + aa + a}{a} \\ 99912 &:= \frac{aaaaaaa - aaaaaa - aaa + aa + aa + a}{a} \\ 999912 &:= \frac{aaaaaaaa - aaaaaa - aaa + aa + aa + a}{a} \end{aligned}$$

$$\begin{aligned} 913 &:= \frac{aaaa - aaa - aaa + aa + aa + a + a}{a} \\ 9913 &:= \frac{aaaaa - aaaa - aaa + aa + aa + a + a}{a} \\ 99913 &:= \frac{aaaaaaa - aaaaaa - aaa + aa + aa + a + a}{a} \\ 999913 &:= \frac{aaaaaaaa - aaaaaa - aaa + aa + aa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 914 &:= \frac{aaaa - aaa - aaa + aa + aa + a + a + a}{a} \\ 9914 &:= \frac{aaaaa - aaaa - aaa + aa + aa + a + a + a}{a} \\ 99914 &:= \frac{aaaaaaa - aaaaaa - aaa + aa + aa + a + a + a}{a} \\ 999914 &:= \frac{aaaaaaaa - aaaaaa - aaa + aa + aa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 915 &:= \frac{aaaaa + a}{aa + a} - \frac{aa}{a} \\ 925915 &:= \frac{aaaaaaaa + a}{aa + a} - \frac{aa}{a} \\ 925925915 &:= \frac{aaaaaaaaaaaa + a}{aa + a} - \frac{aa}{a} \\ 925925925915 &:= \frac{aaaaaaaaaaaaaaaa + a}{aa + a} - \frac{aa}{a} \end{aligned}$$

$$\begin{aligned} 916 &:= \frac{aaaaa + a}{aa + a} - \frac{aa - a}{a} \\ 925916 &:= \frac{aaaaaaaa + a}{aa + a} - \frac{aa - a}{a} \\ 925925916 &:= \frac{aaaaaaaaaaaa + a}{aa + a} - \frac{aa - a}{a} \\ 925925925916 &:= \frac{aaaaaaaaaaaaaaaa + a}{aa + a} - \frac{aa - a}{a} \end{aligned}$$

$$\begin{aligned} 917 &:= \frac{(aaa - aa + a + a) \times (aa - a - a) - a \times a}{a \times a} \\ 9917 &:= \frac{(aaaa - aa + a + a) \times (aa - a - a) - a \times a}{a \times a} \\ 99917 &:= \frac{(aaaaa - aa + a + a) \times (aa - a - a) - a \times a}{a \times a} \\ 999917 &:= \frac{(aaaaaa - aa + a + a) \times (aa - a - a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 918 &:= \frac{(aaa - aa + a + a) \times (aa - a - a)}{a \times a} \\ 9918 &:= \frac{(aaaa - aa + a + a) \times (aa - a - a)}{a \times a} \\ 99918 &:= \frac{(aaaaa - aa + a + a) \times (aa - a - a)}{a \times a} \\ 999918 &:= \frac{(aaaaaa - aa + a + a) \times (aa - a - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 919 &:= \frac{(aaa - aa + a + a) \times (aa - a - a) + a \times a}{a \times a} \\ 9919 &:= \frac{(aaaa - aa + a + a) \times (aa - a - a) + a \times a}{a \times a} \\ 99919 &:= \frac{(aaaaa - aa + a + a) \times (aa - a - a) + a \times a}{a \times a} \\ 999919 &:= \frac{(aaaaaa - aa + a + a) \times (aa - a - a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 920 &:= \frac{aaaa \times (aa - a - a) + aa \times aa}{a \times aa} \\ 90920 &:= \frac{aaaaaa \times (aa - a - a) + aa \times aa}{a \times aa} \\ 9090920 &:= \frac{aaaaaaaa \times (aa - a - a) + aa \times aa}{a \times aa} \\ 909090920 &:= \frac{aaaaaaaaaa \times (aa - a - a) + aa \times aa}{a \times aa} \end{aligned}$$

$$\begin{aligned} 921 &:= \frac{aaaa \times (aa - a - a) + aa \times (aa + a)}{a \times aa} \\ 90921 &:= \frac{aaaaaa \times (aa - a - a) + aa \times (aa + a)}{a \times aa} \\ 9090921 &:= \frac{aaaaaaaa \times (aa - a - a) + aa \times (aa + a)}{a \times aa} \\ 909090921 &:= \frac{aaaaaaaaaa \times (aa - a - a) + aa \times (aa + a)}{a \times aa} \end{aligned}$$

$$\begin{aligned} 922 &:= \frac{aaaa \times (aa - a - a) + aa \times (aa + a + a)}{a \times aa} \\ 90922 &:= \frac{aaaaaa \times (aa - a - a) + aa \times (aa + a + a)}{a \times aa} \\ 9090922 &:= \frac{aaaaaaaa \times (aa - a - a) + aa \times (aa + a + a)}{a \times aa} \\ 909090922 &:= \frac{aaaaaaaaaa \times (aa - a - a) + aa \times (aa + a + a)}{a \times aa} \end{aligned}$$

$$\begin{aligned} 923 &:= \frac{aaaaa - aa - aa - aa - a - a}{aa + a} \\ 925923 &:= \frac{aaaaaaaa - aa - aa - aa - a - a}{aa + a} \\ 925925923 &:= \frac{aaaaaaaaaaaa - aa - aa - aa - a - a}{aa + a} \\ 925925925923 &:= \frac{aaaaaaaaaaaaaaaa - aa - aa - aa - a - a}{aa + a} \end{aligned}$$

$$\begin{aligned} 924 &:= \frac{aaaaa - aa - aa - a}{aa + a} \\ 925924 &:= \frac{aaaaaaaa - aa - aa - a}{aa + a} \\ 925925924 &:= \frac{aaaaaaaaaaaa - aa - aa - a}{aa + a} \\ 925925925924 &:= \frac{aaaaaaaaaaaaaaaa - aa - aa - a}{aa + a} \end{aligned}$$

$$\begin{aligned} 925 &:= \frac{aaaaa - aa}{aa + a} \\ 925925 &:= \frac{aaaaaaaa - aa}{aa + a} \\ 925925925 &:= \frac{aaaaaaaaaaaa - aa}{aa + a} \\ 925925925925 &:= \frac{aaaaaaaaaaaaaaaa - aa}{aa + a} \end{aligned}$$

$$\begin{aligned} 926 &:= \frac{aaaaa + a}{aa + a} \\ 925926 &:= \frac{aaaaaaaa + a}{aa + a} \\ 925925926 &:= \frac{aaaaaaaaaaaa + a}{aa + a} \\ 925925925926 &:= \frac{aaaaaaaaaaaaaaaa + a}{aa + a} \end{aligned}$$

$$\begin{aligned} 927 &:= \frac{aaaaa + aa + a + a}{aa + a} \\ 925927 &:= \frac{aaaaaaaa + aa + a + a}{aa + a} \\ 925925927 &:= \frac{aaaaaaaaaaaa + aa + a + a}{aa + a} \\ 925925925927 &:= \frac{aaaaaaaaaaaaaaaa + aa + a + a}{aa + a} \end{aligned}$$

$$\begin{aligned} 928 &:= \frac{aaaaa + aa + aa + a + a + a}{aa + a} \\ 9278 &:= \frac{aaaaaa + aaa + aaa + a + a + a}{aa + a} \\ 92778 &:= \frac{aaaaaaa + aaaa + aaaa + a + a + a}{aa + a} \\ 927778 &:= \frac{aaaaaaaa + aaaaa + aaaaa + a + a + a}{aa + a} \end{aligned}$$

$$\begin{aligned} 929 &:= \frac{(aaaa + aa) \times (aa - a - a) + aa \times aa}{a \times aa} \\ 90929 &:= \frac{(aaaaaa + aa) \times (aa - a - a) + aa \times aa}{a \times aa} \\ 9090929 &:= \frac{(aaaaaaaa + aa) \times (aa - a - a) + aa \times aa}{a \times aa} \\ 909090929 &:= \frac{(aaaaaaaaaaaa + aa) \times (aa - a - a) + aa \times aa}{a \times aa} \end{aligned}$$

$$\begin{aligned} 930 &:= \frac{aaaaa - aa}{aa + a} + \frac{aa - a}{a + a} \\ 925930 &:= \frac{aaaaaaaa - aa}{aa + a} + \frac{aa - a}{a + a} \\ 925925930 &:= \frac{aaaaaaaaaaaa - aa}{aa + a} + \frac{aa - a}{a + a} \\ 925925925930 &:= \frac{aaaaaaaaaaaaaaaa - aa}{aa + a} + \frac{aa - a}{a + a} \end{aligned}$$

$$\begin{aligned} 931 &:= \frac{(aaa + aa + aa) \times (aa + a + a + a)}{(a + a) \times a} \\ 7931 &:= \frac{(aaaa + aa + aa) \times (aa + a + a + a)}{(a + a) \times a} \\ 77931 &:= \frac{(aaaaa + aa + aa) \times (aa + a + a + a)}{(a + a) \times a} \\ 777931 &:= \frac{(aaaaaa + aa + aa) \times (aa + a + a + a)}{(a + a) \times a} \end{aligned}$$

$$\begin{aligned} 932 &:= \frac{(aaa \times (a + a) + aa \times a) \times (a + a + a + a)}{a \times a \times a} \\ 8932 &:= \frac{(aaaa \times (a + a) + aa \times a) \times (a + a + a + a)}{a \times a \times a} \\ 88932 &:= \frac{(aaaaa \times (a + a) + aa \times a) \times (a + a + a + a)}{a \times a \times a} \\ 888932 &:= \frac{(aaaaaa \times (a + a) + aa \times a) \times (a + a + a + a)}{a \times a \times a} \end{aligned}$$

$$\begin{aligned} 933 &:= \frac{(aaaa + aa) \times (aa - a) - (aa + a) \times (a + a)}{a \times (aa + a)} \\ 925933 &:= \frac{(aaaaaaaa + aa) \times (aa - a) - (aa + a) \times (a + a)}{a \times (aa + a)} \\ 925925933 &:= \frac{(aaaaaaaaaaaa + aa) \times (aa - a) - (aa + a) \times (a + a)}{a \times (aa + a)} \\ 925925925933 &:= \frac{(aaaaaaaaaaaaaaaa + aa) \times (aa - a) - (aa + a) \times (a + a)}{a \times (aa + a)} \end{aligned}$$

$$\begin{aligned} 934 &:= \frac{(aaaa + aa) \times (aa - a) - (aa + a) \times a}{a \times (aa + a)} \\ 925934 &:= \frac{(aaaaaaaa + aa) \times (aa - a) - (aa + a) \times a}{a \times (aa + a)} \\ 925925934 &:= \frac{(aaaaaaaaaaaa + aa) \times (aa - a) - (aa + a) \times a}{a \times (aa + a)} \\ 925925925934 &:= \frac{(aaaaaaaaaaaaaaaa + aa) \times (aa - a) - (aa + a) \times a}{a \times (aa + a)} \end{aligned}$$

$$\begin{aligned} 935 &:= \frac{aaaaa + aaa - a - a}{aa + a} \\ 925935 &:= \frac{aaaaaaaa + aaa - a - a}{aa + a} \\ 925925935 &:= \frac{aaaaaaaaaaaa + aaa - a - a}{aa + a} \\ 925925925935 &:= \frac{aaaaaaaaaaaaaaaa + aaa - a - a}{aa + a} \end{aligned}$$

$$\begin{aligned} 936 &:= \frac{aaaaa + aaa + aa - a}{aa + a} \\ 9361 &:= \frac{aaaaaa + aaaa + aaa - a}{aa + a} \\ 93611 &:= \frac{aaaaaaa + aaaaa + aaaa - a}{aa + a} \\ 936111 &:= \frac{aaaaaaaa + aaaaaa + aaaaa - a}{aa + a} \end{aligned}$$

$$\begin{aligned} 937 &:= \frac{aaaaa + aaa + aa + aa}{aa + a} \\ 925937 &:= \frac{aaaaaaaa + aaa + aa + aa}{aa + a} \\ 925925937 &:= \frac{aaaaaaaaaaaa + aaa + aa + aa}{aa + a} \\ 925925925937 &:= \frac{aaaaaaaaaaaaaaaa + aaa + aa + aa}{aa + a} \end{aligned}$$

$$\begin{aligned} 938 &:= \frac{(aaa + aa + aa + a) \times (aa + aa - a)}{(a + a + a) \times a} \\ 7938 &:= \frac{(aaaa + aa + aa + a) \times (aa + aa - a)}{(a + a + a) \times a} \\ 77938 &:= \frac{(aaaaa + aa + aa + a) \times (aa + aa - a)}{(a + a + a) \times a} \\ 777938 &:= \frac{(aaaaaa + aa + aa + a) \times (aa + aa - a)}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 939 &:= \frac{(aaa - aa - a - a - a - a - a) \times (aa - a) - aa \times a}{a \times a} \\ 9939 &:= \frac{(aaaa - aaa - a - a - a - a - a) \times (aa - a) - aa \times a}{a \times a} \\ 99939 &:= \frac{(aaaaa - aaaa - a - a - a - a - a) \times (aa - a) - aa \times a}{a \times a} \\ 999939 &:= \frac{(aaaaaa - aaaaa - a - a - a - a - a) \times (aa - a) - aa \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 940 &:= \frac{(aaaa + aaa) \times (aa - a)}{a \times (aa + a + a)} \\ 9400 &:= \frac{(aaaa + aaa) \times (aaa - aa)}{a \times (aa + a + a)} \\ 94000 &:= \frac{(aaaa + aaa) \times (aaaa - aaa)}{a \times (aa + a + a)} \\ 940000 &:= \frac{(aaaa + aaa) \times (aaaaa - aaaa)}{a \times (aa + a + a)} \end{aligned}$$

$$\begin{aligned} 941 &:= \frac{(aaaa + a) \times aa + a \times a}{(aa + a + a) \times a} \\ 94111 &:= \frac{(aaaaaa + aaa) \times aa + a \times a}{(aa + a + a) \times a} \\ 9411111 &:= \frac{(aaaaaaaa + aaaaa) \times aa + a \times a}{(aa + a + a) \times a} \\ 941111111 &:= \frac{(aaaaaaaaaa + aaaaaaa) \times aa + a \times a}{(aa + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 942 &:= \frac{(aaaa - a) \times (aaa + a) + (a + a) \times (aa + a)}{aa \times (aa + a)} \\ 94182 &:= \frac{(aaaaaa - aaa) \times (aaa + a) + (a + a) \times (aa + a)}{aa \times (aa + a)} \\ 9418182 &:= \frac{(aaaaaaaa - aaaaa) \times (aaa + a) + (a + a) \times (aa + a)}{aa \times (aa + a)} \\ 941818182 &:= \frac{(aaaaaaaaaa - aaaaaaa) \times (aaa + a) + (a + a) \times (aa + a)}{aa \times (aa + a)} \end{aligned}$$

$$\begin{aligned} 943 &:= \frac{(aaa + aa + a) \times (aa + aa + a)}{(a + a + a) \times a} \\ 9453 &:= \frac{(aaaa + aaa + aa) \times (aa + aa + a)}{(a + a + a) \times a} \\ 94553 &:= \frac{(aaaaa + aaaa + aaa) \times (aa + aa + a)}{(a + a + a) \times a} \\ 945553 &:= \frac{(aaaaaa + aaaaa + aaaa) \times (aa + aa + a)}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 944 &:= \frac{(aaaaa - aaa) \times (a + a) - (aaa + a) \times aa}{(a + a) \times aa} \\ 9944 &:= \frac{(aaaaaa - aaaa) \times (a + a) - (aaa + a) \times aa}{(a + a) \times aa} \\ 99944 &:= \frac{(aaaaaaa - aaaaa) \times (a + a) - (aaa + a) \times aa}{(a + a) \times aa} \\ 999944 &:= \frac{(aaaaaaaa - aaaaaa) \times (a + a) - (aaa + a) \times aa}{(a + a) \times aa} \end{aligned}$$

$$\begin{aligned} 945 &:= \frac{(aaa - aa - aa - a - a - a) \times aa - a \times a}{a \times a} \\ 9745 &:= \frac{(aaaa - aaa - aaa - a - a - a) \times aa - a \times a}{a \times a} \\ 97745 &:= \frac{(aaaaa - aaaa - aaaa - a - a - a) \times aa - a \times a}{a \times a} \\ 977745 &:= \frac{(aaaaaa - aaaaa - aaaaa - a - a - a) \times aa - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 946 &:= \frac{(aaa - aa - aa - a - a - a) \times aa}{a \times a} \\ 9746 &:= \frac{(aaaa - aaa - aaa - a - a - a) \times aa}{a \times a} \\ 97746 &:= \frac{(aaaaa - aaaa - aaaa - a - a - a) \times aa}{a \times a} \\ 977746 &:= \frac{(aaaaaa - aaaaa - aaaaa - a - a - a) \times aa}{a \times a} \end{aligned}$$

$$\begin{aligned} 947 &:= \frac{(aaa - aa - aa - a - a - a) \times aa + a \times a}{a \times a} \\ 9747 &:= \frac{(aaaa - aaa - aaa - a - a - a) \times aa + a \times a}{a \times a} \\ 97747 &:= \frac{(aaaaa - aaaa - aaaa - a - a - a) \times aa + a \times a}{a \times a} \\ 977747 &:= \frac{(aaaaaa - aaaaa - aaaaa - a - a - a) \times aa + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 948 &:= \frac{(aaa - aa - aa - a - a - a) \times aa + a \times (a + a)}{a \times a} \\ 9748 &:= \frac{(aaaa - aaa - aaa - a - a - a) \times aa + a \times (a + a)}{a \times a} \\ 97748 &:= \frac{(aaaaa - aaaa - aaaa - a - a - a) \times aa + a \times (a + a)}{a \times a} \\ 977748 &:= \frac{(aaaaaa - aaaaa - aaaaa - a - a - a) \times aa + a \times (a + a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 949 &:= \frac{(aaa - aa - a - a - a - a - a) \times (aa - a) - a \times a}{a \times a} \\ 9949 &:= \frac{(aaaa - aaa - a - a - a - a - a) \times (aa - a) - a \times a}{a \times a} \\ 99949 &:= \frac{(aaaaa - aaaa - a - a - a - a - a) \times (aa - a) - a \times a}{a \times a} \\ 999949 &:= \frac{(aaaaaa - aaaaa - a - a - a - a - a) \times (aa - a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 950 &:= \frac{(aaa - aa - a - a - a - a - a) \times (aa - a)}{a \times a} \\ 9950 &:= \frac{(aaaa - aaa - a - a - a - a - a) \times (aa - a)}{a \times a} \\ 99950 &:= \frac{(aaaaa - aaaa - a - a - a - a - a) \times (aa - a)}{a \times a} \\ 999950 &:= \frac{(aaaaaa - aaaaa - a - a - a - a - a) \times (aa - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 951 &:= \frac{(aaa - aa - a - a - a - a - a) \times (aa - a) + a \times a}{a \times a} \\ 9951 &:= \frac{(aaaa - aaa - a - a - a - a - a) \times (aa - a) + a \times a}{a \times a} \\ 99951 &:= \frac{(aaaaa - aaaa - a - a - a - a - a) \times (aa - a) + a \times a}{a \times a} \\ 999951 &:= \frac{(aaaaaa - aaaaa - a - a - a - a - a) \times (aa - a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 952 &:= \frac{(aa + aa + aa + a) \times (aaa + a)}{(a + a) \times (a + a)} \\ 9352 &:= \frac{(aaa + aaa + aaa + a) \times (aaa + a)}{(a + a) \times (a + a)} \\ 93352 &:= \frac{(aaaa + aaaa + aaaa + a) \times (aaa + a)}{(a + a) \times (a + a)} \\ 933352 &:= \frac{(aaaaa + aaaaa + aaaaa + a) \times (aaa + a)}{(a + a) \times (a + a)} \end{aligned}$$

$$\begin{aligned} 953 &:= \frac{(aaa - a - a - a - a - a) \times (aa - a - a) - a \times a}{a \times a} \\ 9953 &:= \frac{(aaaa - a - a - a - a - a) \times (aa - a - a) - a \times a}{a \times a} \\ 99953 &:= \frac{(aaaaa - a - a - a - a - a) \times (aa - a - a) - a \times a}{a \times a} \\ 999953 &:= \frac{(aaaaaa - a - a - a - a - a) \times (aa - a - a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 954 &:= \frac{(aaa - a - a - a - a - a) \times (aa - a - a)}{a \times a} \\ 9954 &:= \frac{(aaaa - a - a - a - a - a) \times (aa - a - a)}{a \times a} \\ 99954 &:= \frac{(aaaaa - a - a - a - a - a) \times (aa - a - a)}{a \times a} \\ 999954 &:= \frac{(aaaaaa - a - a - a - a - a) \times (aa - a - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 955 &:= \frac{(aaa - a - a - a - a - a) \times (aa - a - a) + a \times a}{a \times a} \\ 9955 &:= \frac{(aaaa - a - a - a - a - a) \times (aa - a - a) + a \times a}{a \times a} \\ 99955 &:= \frac{(aaaaa - a - a - a - a - a) \times (aa - a - a) + a \times a}{a \times a} \\ 999955 &:= \frac{(aaaaaa - a - a - a - a - a) \times (aa - a - a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 956 &:= \frac{aaaa - aaa - aa - aa - aa - aa}{a} \\ 9956 &:= \frac{aaaaa - aaaa - aa - aa - aa - aa}{a} \\ 99956 &:= \frac{aaaaaa - aaaaa - aa - aa - aa - aa}{a} \\ 999956 &:= \frac{aaaaaaa - aaaaaa - aa - aa - aa - aa}{a} \end{aligned}$$

$$\begin{aligned} 957 &:= \frac{(aaa - aa - aa - a - a) \times aa}{a \times a} \\ 9757 &:= \frac{(aaaa - aaa - aaa - a - a) \times aa}{a \times a} \\ 97757 &:= \frac{(aaaaa - aaaa - aaaa - a - a) \times aa}{a \times a} \\ 977757 &:= \frac{(aaaaaa - aaaaa - aaaaa - a - a) \times aa}{a \times a} \end{aligned}$$

$$\begin{aligned} 958 &:= \frac{(aaa - aa - aa - a - a) \times aa + a \times a}{a \times a} \\ 9758 &:= \frac{(aaaa - aaa - aaa - a - a) \times aa + a \times a}{a \times a} \\ 97758 &:= \frac{(aaaaa - aaaa - aaaa - a - a) \times aa + a \times a}{a \times a} \\ 977758 &:= \frac{(aaaaaa - aaaaa - aaaaa - a - a) \times aa + a \times a}{a \times a} \end{aligned}$$



$$\begin{aligned} 959 &:= \frac{(aaa - aa - a - a - a - a) \times (aa - a) - a \times a}{a \times a} \\ 9959 &:= \frac{(aaaa - aaa - a - a - a - a) \times (aa - a) - a \times a}{a \times a} \\ 99959 &:= \frac{(aaaaa - aaaa - a - a - a - a) \times (aa - a) - a \times a}{a \times a} \\ 999959 &:= \frac{(aaaaaa - aaaaa - a - a - a - a) \times (aa - a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 960 &:= \frac{(aaa - aa - a - a - a - a) \times (aa - a)}{a \times a} \\ 9960 &:= \frac{(aaaa - aaa - a - a - a - a) \times (aa - a)}{a \times a} \\ 99960 &:= \frac{(aaaaa - aaaa - a - a - a - a) \times (aa - a)}{a \times a} \\ 999960 &:= \frac{(aaaaaa - aaaaa - a - a - a - a) \times (aa - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 961 &:= \frac{(aaa - aa - a - a - a - a) \times (aa - a) + a \times a}{a \times a} \\ 9961 &:= \frac{(aaaa - aaa - a - a - a - a) \times (aa - a) + a \times a}{a \times a} \\ 99961 &:= \frac{(aaaaa - aaaa - a - a - a - a) \times (aa - a) + a \times a}{a \times a} \\ 999961 &:= \frac{(aaaaaa - aaaaa - a - a - a - a) \times (aa - a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 962 &:= \frac{(aaa + aaa) \times (aa + a + a)}{(a + a + a) \times a} \\ 962962 &:= \frac{(aaaaaa + aaaaa) \times (aa + a + a)}{(a + a + a) \times a} \\ 962962962 &:= \frac{(aaaaaaaa + aaaaaaaaa) \times (aa + a + a)}{(a + a + a) \times a} \\ 962962962962 &:= \frac{(aaaaaaaaaaaa + aaaaaaaaaaaaa) \times (aa + a + a)}{(a + a + a) \times a} \end{aligned}$$

$$\begin{aligned} 963 &:= \frac{(aaa - a - a - a - a) \times (aa - a - a)}{a \times a} \\ 9963 &:= \frac{(aaaa - a - a - a - a) \times (aa - a - a)}{a \times a} \\ 99963 &:= \frac{(aaaaa - a - a - a - a) \times (aa - a - a)}{a \times a} \\ 999963 &:= \frac{(aaaaaa - a - a - a - a) \times (aa - a - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 964 &:= \frac{(aaa - a - a - a - a) \times (aa - a - a) + a \times a}{a \times a} \\ 9964 &:= \frac{(aaaa - a - a - a - a) \times (aa - a - a) + a \times a}{a \times a} \\ 99964 &:= \frac{(aaaaa - a - a - a - a) \times (aa - a - a) + a \times a}{a \times a} \\ 999964 &:= \frac{(aaaaaa - a - a - a - a) \times (aa - a - a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 965 &:= \frac{aaaa - aaa - aa - aa - aa - a - a}{a} \\ 9965 &:= \frac{aaaaa - aaaa - aa - aa - aa - a - a}{a} \\ 99965 &:= \frac{aaaaaa - aaaaa - aa - aa - aa - a - a}{a} \\ 999965 &:= \frac{aaaaaaa - aaaaaa - aa - aa - aa - a - a}{a} \end{aligned}$$

$$\begin{aligned} 966 &:= \frac{aaaa - aaa - aa - aa - aa - a}{a} \\ 9966 &:= \frac{aaaaa - aaaa - aa - aa - aa - a}{a} \\ 99966 &:= \frac{aaaaaa - aaaaa - aa - aa - aa - a}{a} \\ 999966 &:= \frac{aaaaaaa - aaaaaa - aa - aa - aa - a}{a} \end{aligned}$$

$$\begin{aligned} 967 &:= \frac{aaaa - aaa - aa - aa - aa}{a} \\ 9967 &:= \frac{aaaaa - aaaa - aa - aa - aa}{a} \\ 99967 &:= \frac{aaaaaa - aaaaa - aa - aa - aa}{a} \\ 999967 &:= \frac{aaaaaaa - aaaaaa - aa - aa - aa}{a} \end{aligned}$$

$$\begin{aligned} 968 &:= \frac{(aaa - aa - aa - a) \times aa}{a \times a} \\ 9768 &:= \frac{(aaaa - aaa - aaa - a) \times aa}{a \times a} \\ 97768 &:= \frac{(aaaaa - aaaa - aaaa - a) \times aa}{a \times a} \\ 977768 &:= \frac{(aaaaaa - aaaaa - aaaaa - a) \times aa}{a \times a} \end{aligned}$$

$$\begin{aligned} 969 &:= \frac{(aaa - aa - aa - a) \times aa + a \times a}{a \times a} \\ 9769 &:= \frac{(aaaa - aaa - aaa - a) \times aa + a \times a}{a \times a} \\ 97769 &:= \frac{(aaaaa - aaaa - aaaa - a) \times aa + a \times a}{a \times a} \\ 977769 &:= \frac{(aaaaaa - aaaaa - aaaaa - a) \times aa + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 970 &:= \frac{(aaa - aa - a - a - a) \times (aaa - a)}{aa \times a} \\ 9970 &:= \frac{(aaaa - aaa - a - a - a) \times (aaa - a)}{aa \times a} \\ 99970 &:= \frac{(aaaaa - aaaa - a - a - a) \times (aaa - a)}{aa \times a} \\ 999970 &:= \frac{(aaaaaa - aaaaa - a - a - a) \times (aaa - a)}{aa \times a} \end{aligned}$$

$$\begin{aligned} 971 &:= \frac{(aaa - a - a - a) \times (aa - a - a) - a \times a}{a \times a} \\ 9971 &:= \frac{(aaaa - a - a - a) \times (aa - a - a) - a \times a}{a \times a} \\ 99971 &:= \frac{(aaaaa - a - a - a) \times (aa - a - a) - a \times a}{a \times a} \\ 999971 &:= \frac{(aaaaaa - a - a - a) \times (aa - a - a) - a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 972 &:= \frac{(aaa - a - a - a) \times (aa - a - a)}{a \times a} \\ 9972 &:= \frac{(aaaa - a - a - a) \times (aa - a - a)}{a \times a} \\ 99972 &:= \frac{(aaaaa - a - a - a) \times (aa - a - a)}{a \times a} \\ 999972 &:= \frac{(aaaaaa - a - a - a) \times (aa - a - a)}{a \times a} \end{aligned}$$

$$\begin{aligned} 973 &:= \frac{(aaa - a - a - a) \times (aa - a - a) + a \times a}{a \times a} \\ 9973 &:= \frac{(aaaa - a - a - a) \times (aa - a - a) + a \times a}{a \times a} \\ 99973 &:= \frac{(aaaaa - a - a - a) \times (aa - a - a) + a \times a}{a \times a} \\ 999973 &:= \frac{(aaaaaa - a - a - a) \times (aa - a - a) + a \times a}{a \times a} \end{aligned}$$

$$\begin{aligned} 974 &:= \frac{aaaa - aaa - aa - aa - a - a - a - a}{a} \\ 9974 &:= \frac{aaaaa - aaaa - aa - aa - a - a - a - a}{a} \\ 99974 &:= \frac{aaaaaa - aaaaa - aa - aa - a - a - a - a}{a} \\ 999974 &:= \frac{aaaaaaa - aaaaaa - aa - aa - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 975 &:= \frac{aaaa - aaa - aa - aa - a - a - a}{a} \\ 9975 &:= \frac{aaaaa - aaaa - aa - aa - a - a - a}{a} \\ 99975 &:= \frac{aaaaaa - aaaaa - aa - aa - a - a - a}{a} \\ 999975 &:= \frac{aaaaaaa - aaaaaa - aa - aa - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 976 &:= \frac{aaaa - aaa - aa - aa - a - a}{a} \\ 9976 &:= \frac{aaaaa - aaaa - aa - aa - a - a}{a} \\ 99976 &:= \frac{aaaaaa - aaaaa - aa - aa - a - a}{a} \\ 999976 &:= \frac{aaaaaaa - aaaaaa - aa - aa - a - a}{a} \end{aligned}$$

$$\begin{aligned} 977 &:= \frac{aaaa - aaa - aa - aa - a}{a} \\ 9977 &:= \frac{aaaaa - aaaa - aa - aa - a}{a} \\ 99977 &:= \frac{aaaaaa - aaaaa - aa - aa - a}{a} \\ 999977 &:= \frac{aaaaaaa - aaaaaa - aa - aa - a}{a} \end{aligned}$$

$$\begin{aligned} 978 &:= \frac{aaaa - aaa - aa - aa}{a} \\ 9978 &:= \frac{aaaaa - aaaa - aa - aa}{a} \\ 99978 &:= \frac{aaaaaa - aaaaa - aa - aa}{a} \\ 999978 &:= \frac{aaaaaaa - aaaaaa - aa - aa}{a} \end{aligned}$$

$$979 := \frac{(aaa - aa - aa) \times aa}{a \times a}$$

$$9779 := \frac{(aaaa - aaa - aaa) \times aa}{a \times a}$$

$$97779 := \frac{(aaaaa - aaaa - aaaa) \times aa}{a \times a}$$

$$977779 := \frac{(aaaaaa - aaaaa - aaaaa) \times aa}{a \times a}$$

$$980 := \frac{aaaa - aaa - aa - aa + a + a}{a}$$

$$9980 := \frac{aaaaa - aaaa - aa - aa + a + a}{a}$$

$$99980 := \frac{aaaaaa - aaaaa - aa - aa + a + a}{a}$$

$$999980 := \frac{aaaaaaa - aaaaaa - aa - aa + a + a}{a}$$

$$981 := \frac{(aaa - a - a) \times (aa - a - a)}{a \times a}$$

$$9981 := \frac{(aaaa - a - a) \times (aa - a - a)}{a \times a}$$

$$99981 := \frac{(aaaaa - a - a) \times (aa - a - a)}{a \times a}$$

$$999981 := \frac{(aaaaaa - a - a) \times (aa - a - a)}{a \times a}$$

$$982 := \frac{(aa - a - a) \times (aaa - a - a) + a \times a}{a \times a}$$

$$9982 := \frac{(aa - a - a) \times (aaaa - a - a) + a \times a}{a \times a}$$

$$99982 := \frac{(aa - a - a) \times (aaaaa - a - a) + a \times a}{a \times a}$$

$$999982 := \frac{(aa - a - a) \times (aaaaaa - a - a) + a \times a}{a \times a}$$

$$983 := \frac{(aaa - a - a) \times (aa - a - a) + a \times (a + a)}{a \times a}$$

$$9983 := \frac{(aaaa - a - a) \times (aa - a - a) + a \times (a + a)}{a \times a}$$

$$99983 := \frac{(aaaaa - a - a) \times (aa - a - a) + a \times (a + a)}{a \times a}$$

$$999983 := \frac{(aaaaaa - a - a) \times (aa - a - a) + a \times (a + a)}{a \times a}$$

$$984 := \frac{(aaa + aa + a) \times (aa - a - a - a)}{a \times a}$$

$$8984 := \frac{(aaaa + aa + a) \times (aa - a - a - a)}{a \times a}$$

$$88984 := \frac{(aaaaa + aa + a) \times (aa - a - a - a)}{a \times a}$$

$$888984 := \frac{(aaaaaa + aa + a) \times (aa - a - a - a)}{a \times a}$$

$$985 := \frac{aaaa - aaa - aa - a - a - a - a}{a}$$

$$9985 := \frac{aaaaa - aaaa - aa - a - a - a - a}{a}$$

$$99985 := \frac{aaaaaa - aaaaa - aa - a - a - a - a}{a}$$

$$999985 := \frac{aaaaaaa - aaaaaa - aa - a - a - a - a}{a}$$

$$986 := \frac{aaaa - aaa - aa - a - a - a}{a}$$

$$9986 := \frac{aaaaa - aaaa - aa - a - a - a}{a}$$

$$99986 := \frac{aaaaaa - aaaaa - aa - a - a - a}{a}$$

$$999986 := \frac{aaaaaaa - aaaaaa - aa - a - a - a}{a}$$

$$987 := \frac{aaaa - aaa - aa - a - a}{a}$$

$$9987 := \frac{aaaaa - aaaa - aa - a - a}{a}$$

$$99987 := \frac{aaaaaa - aaaaa - aa - a - a}{a}$$

$$999987 := \frac{aaaaaaa - aaaaaa - aa - a - a}{a}$$

$$988 := \frac{aaaa - aaa - aa - a}{a}$$

$$9988 := \frac{aaaaa - aaaa - aa - a}{a}$$

$$99988 := \frac{aaaaaa - aaaaa - aa - a}{a}$$

$$999988 := \frac{aaaaaaa - aaaaaa - aa - a}{a}$$

$$\begin{aligned} 989 &:= \frac{aaaa - aaa - aa}{a} \\ 9989 &:= \frac{aaaaa - aaaa - aa}{a} \\ 999989 &:= \frac{aaaaaaa - aaaaa - aa}{a} \\ 9999989 &:= \frac{aaaaaaaa - aaaaaa - aa}{a} \end{aligned}$$

$$\begin{aligned} 990 &:= \frac{aaaa - aaa - aa + a}{a} \\ 9990 &:= \frac{aaaaa - aaaa - aa + a}{a} \\ 999990 &:= \frac{aaaaaaa - aaaaa - aa + a}{a} \\ 9999990 &:= \frac{aaaaaaaa - aaaaaa - aa + a}{a} \end{aligned}$$

$$\begin{aligned} 991 &:= \frac{aaaa - aaa - aa + a + a}{a} \\ 9991 &:= \frac{aaaaa - aaaa - aa + a + a}{a} \\ 99991 &:= \frac{aaaaaaa - aaaaa - aa + a + a}{a} \\ 999991 &:= \frac{aaaaaaaa - aaaaaa - aa + a + a}{a} \end{aligned}$$

$$\begin{aligned} 992 &:= \frac{aaaa - aaa - aa + a + a + a}{a} \\ 9992 &:= \frac{aaaaa - aaaa - aa + a + a + a}{a} \\ 99992 &:= \frac{aaaaaaa - aaaaa - aa + a + a + a}{a} \\ 999992 &:= \frac{aaaaaaaa - aaaaaa - aa + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 993 &:= \frac{aaaa - aaa - aa + a + a + a + a}{a} \\ 9993 &:= \frac{aaaaa - aaaa - aa + a + a + a + a}{a} \\ 99993 &:= \frac{aaaaaaa - aaaaa - aa + a + a + a + a}{a} \\ 999993 &:= \frac{aaaaaaaa - aaaaaa - aa + a + a + a + a}{a} \end{aligned}$$

$$\begin{aligned} 994 &:= \frac{aaaa - aaa - a - a - a - a - a - a}{a} \\ 9994 &:= \frac{aaaaa - aaaa - a - a - a - a - a - a}{a} \\ 99994 &:= \frac{aaaaaaa - aaaaa - a - a - a - a - a - a}{a} \\ 999994 &:= \frac{aaaaaaaa - aaaaaa - a - a - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 995 &:= \frac{aaaa - aaa - a - a - a - a - a - a}{a} \\ 9995 &:= \frac{aaaaa - aaaa - a - a - a - a - a - a}{a} \\ 99995 &:= \frac{aaaaaaa - aaaaa - a - a - a - a - a - a}{a} \\ 999995 &:= \frac{aaaaaaaa - aaaaaa - a - a - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 996 &:= \frac{aaaa - aaa - a - a - a - a - a - a}{a} \\ 9996 &:= \frac{aaaaa - aaaa - a - a - a - a - a - a}{a} \\ 99996 &:= \frac{aaaaaaa - aaaaa - a - a - a - a - a - a}{a} \\ 999996 &:= \frac{aaaaaaaa - aaaaaa - a - a - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 997 &:= \frac{aaaa - aaa - a - a - a - a - a - a}{a} \\ 9997 &:= \frac{aaaaa - aaaa - a - a - a - a - a - a}{a} \\ 99997 &:= \frac{aaaaaaa - aaaaa - a - a - a - a - a - a}{a} \\ 999997 &:= \frac{aaaaaaaa - aaaaaa - a - a - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 998 &:= \frac{aaaa - aaa - a - a - a - a - a - a}{a} \\ 9998 &:= \frac{aaaaa - aaaa - a - a - a - a - a - a}{a} \\ 99998 &:= \frac{aaaaaaa - aaaaa - a - a - a - a - a - a}{a} \\ 999998 &:= \frac{aaaaaaaa - aaaaaa - a - a - a - a - a - a}{a} \end{aligned}$$

$$\begin{aligned} 999 &:= \frac{aaaa - aaa - a}{a} \\ 9999 &:= \frac{aaaaa - aaaa - a}{a} \\ 99999 &:= \frac{aaaaaaa - aaaaa - a}{a} \\ 999999 &:= \frac{aaaaaaaa - aaaaaa - a}{a} \end{aligned}$$

$$\begin{aligned} 1000 &:= \frac{aaaa - aaa}{a} \\ 10000 &:= \frac{aaaaa - aaaa}{a} \\ 100000 &:= \frac{aaaaaaa - aaaaa}{a} \\ 1000000 &:= \frac{aaaaaaaa - aaaaaa}{a} \end{aligned}$$

## Acknowledgement

The author is thankful to T.J. Eckman, Georgia, USA (email: jeek@jeek.net) in programming the script to develop the **single letter** and **single digits** representations given in [4]-[11].

## References

- [1] DUDENEY, H.E., Amusements in Mathematics, EBD E-Books Directory.com, 1917.
- [2] H. HEINZ, Number Patterns. <http://www.magic-squares.net/>
- [3] J.S. MADACHY, Mathematics on Vacations, Charlers Scriber's Son, New York, 1966.
- [4] I.J. TANEJA, Single Digit Representations of Natural Numbers, Feb. 1015, pp.1-55, <http://arxiv.org/abs/1502.03501>. Also in RGMIA Research Report Collection, 18(2015), Art. 15, pp.1-55, <http://rgmia.org/papers/v18/v18a15.pdf>.
- [5] I.J. TANEJA, Single Letter Representations of Natural Numbers, Palindromic Symmetries and Number Patterns, RGMIA Research Report Collection, 18(2015), Art. 40, pp.1-30, <http://rgmia.org/papers/v18/v18a40.pdf>.
- [6] I.J. TANEJA, Single Digit Representations of Natural Numbers From 1 to 5000, **Zenodo**, January 14, 2019, <http://doi.org/10.5281/zenodo.2538893>.
- [7] I.J. TANEJA, Single Digit Representations of Natural Numbers From 5001 to 10000, **Zenodo**, January 14, 2019, <http://doi.org/10.5281/zenodo.2538897>.
- [8] I.J. TANEJA, Single Digit Representations of Numbers From 10001 to 15000, **Zenodo**, January, 26, 2019, pp. 1-510, <http://doi.org/10.5281/zenodo.2550414>.
- [9] I.J. TANEJA, Single Digit Representations of Numbers From 15001 to 20000, **Zenodo**, January, 26, 2019, pp. 1-510, <http://doi.org/10.5281/zenodo.2550440>.
- [10] I.J. TANEJA, Single Letter Representations of Natural Numbers from 1 to 11111, **Zenodo**, February 5, 2019, pp. 1-133, <http://doi.org/10.5281/zenodo.2557025>.
- [11] I.J. TANEJA, Fraction-Type Single Letter Representations of Natural Numbers From 1 to 11111, **Zenodo**, February 4, 2019, pp. 1-203, <http://doi.org/10.5281/zenodo.2556902>.

- [12] I.J. TANEJA, Single Letter Patterned Representations and Fibonacci Sequence Values. **Zenodo**, February 6, 2019, pp. 1-40, <http://doi.org/10.5281/zenodo.2558522>.
- [13] I.J. TANEJA, Patterned Single Digit Representations of Natural Numbers - under preparation.
-