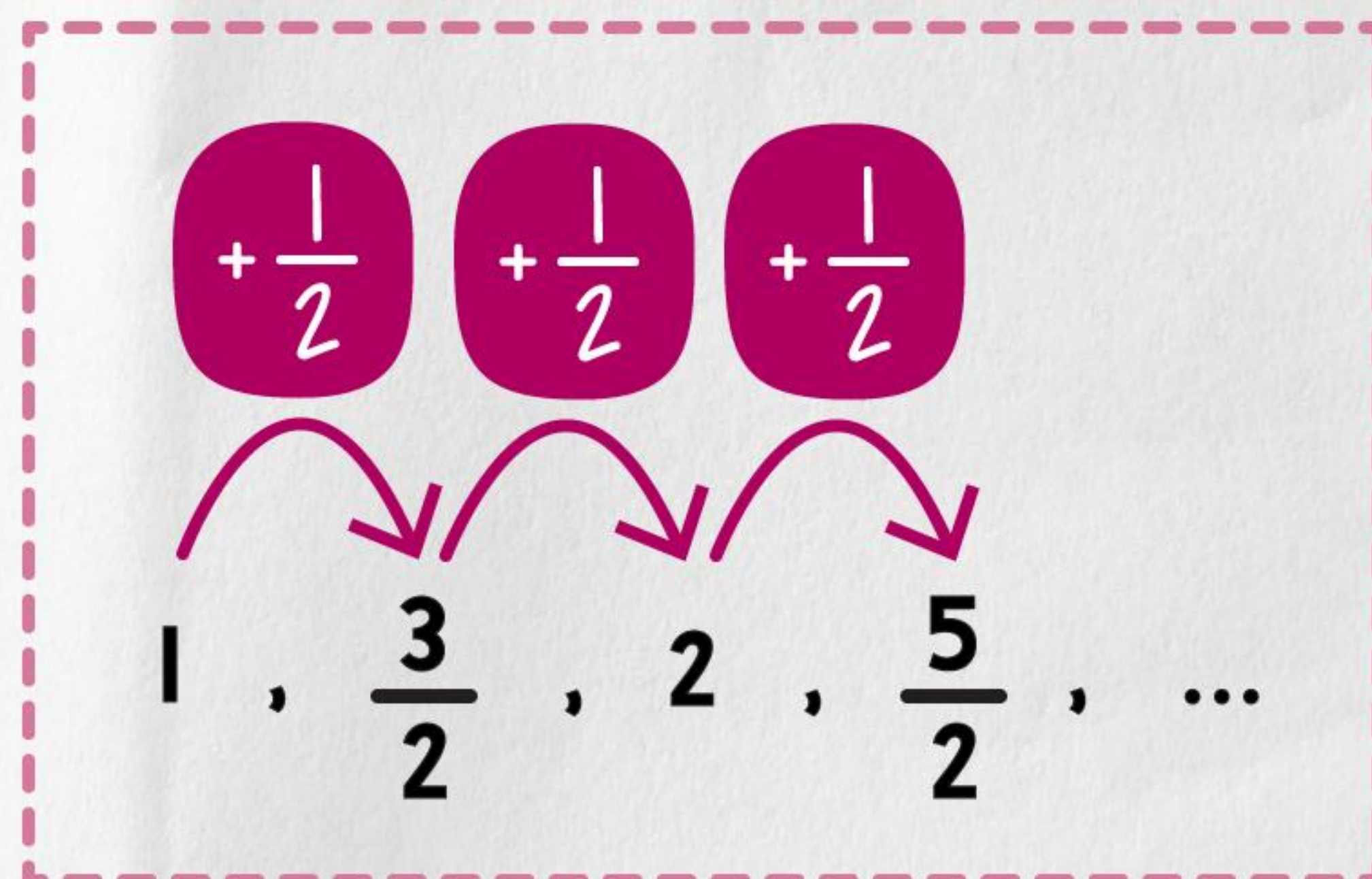
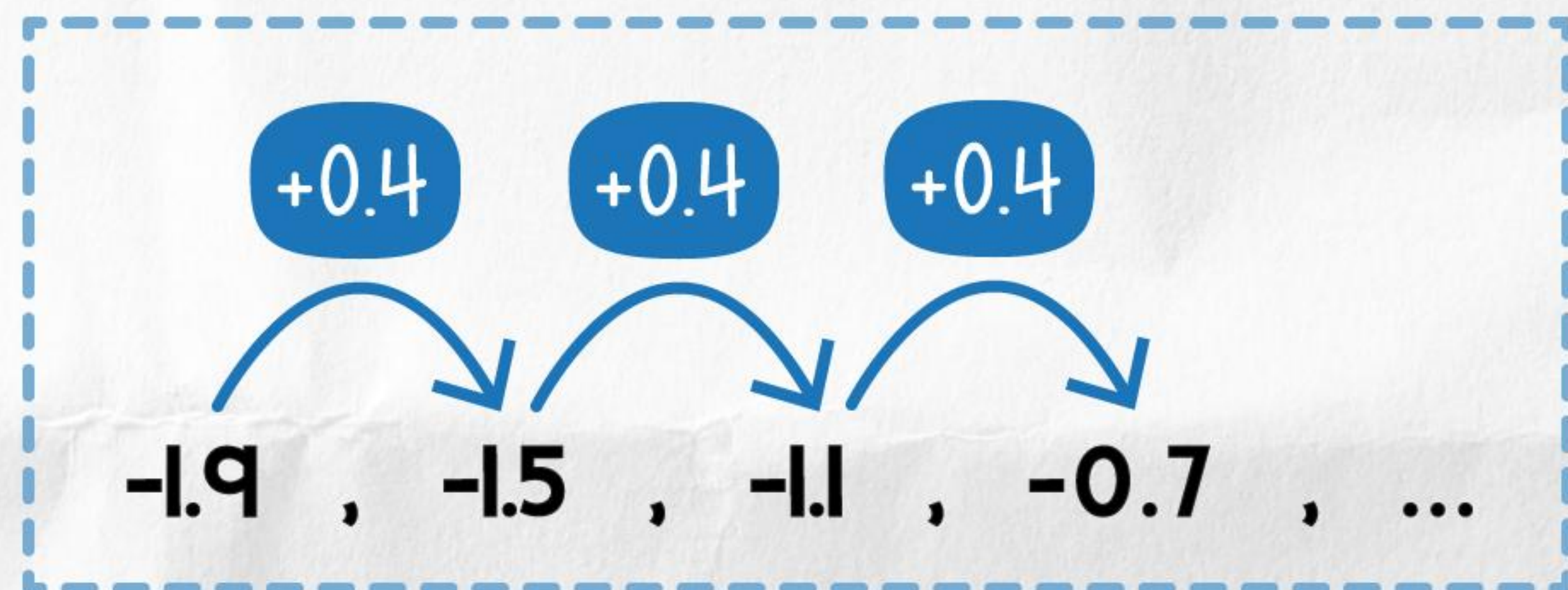
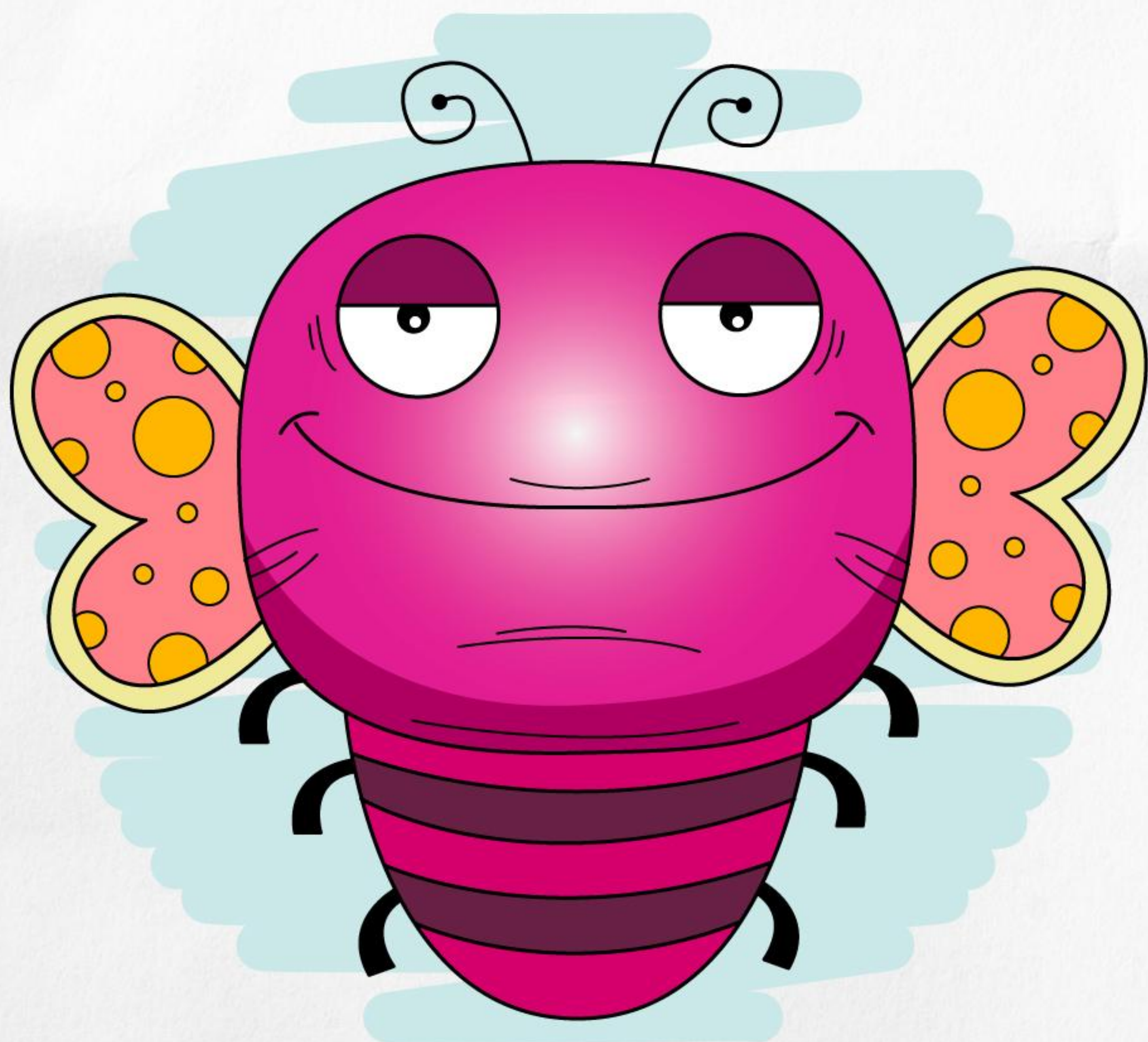
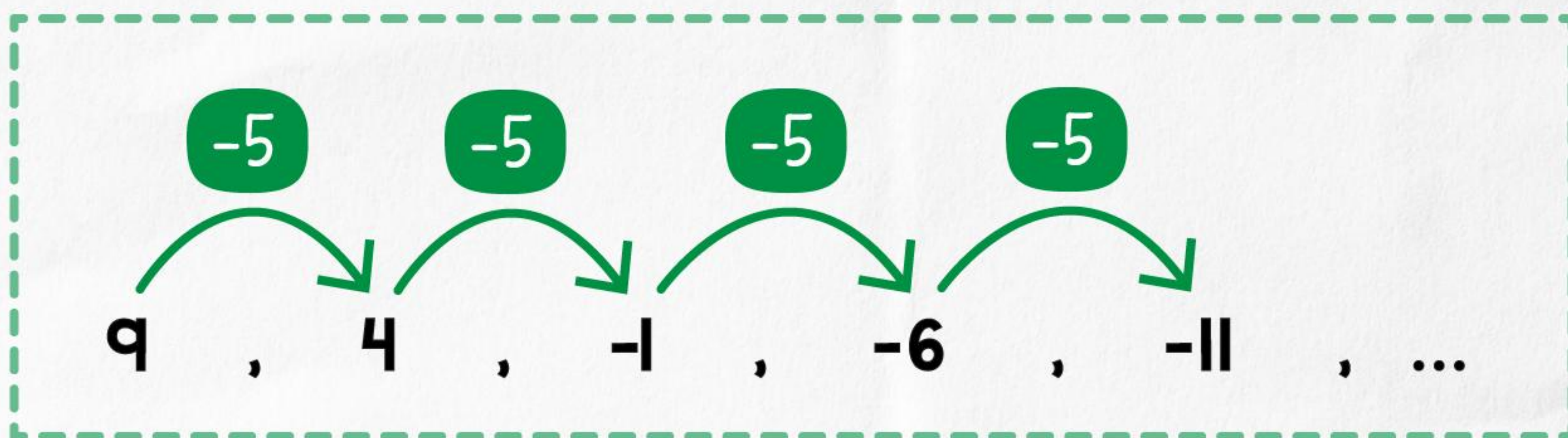
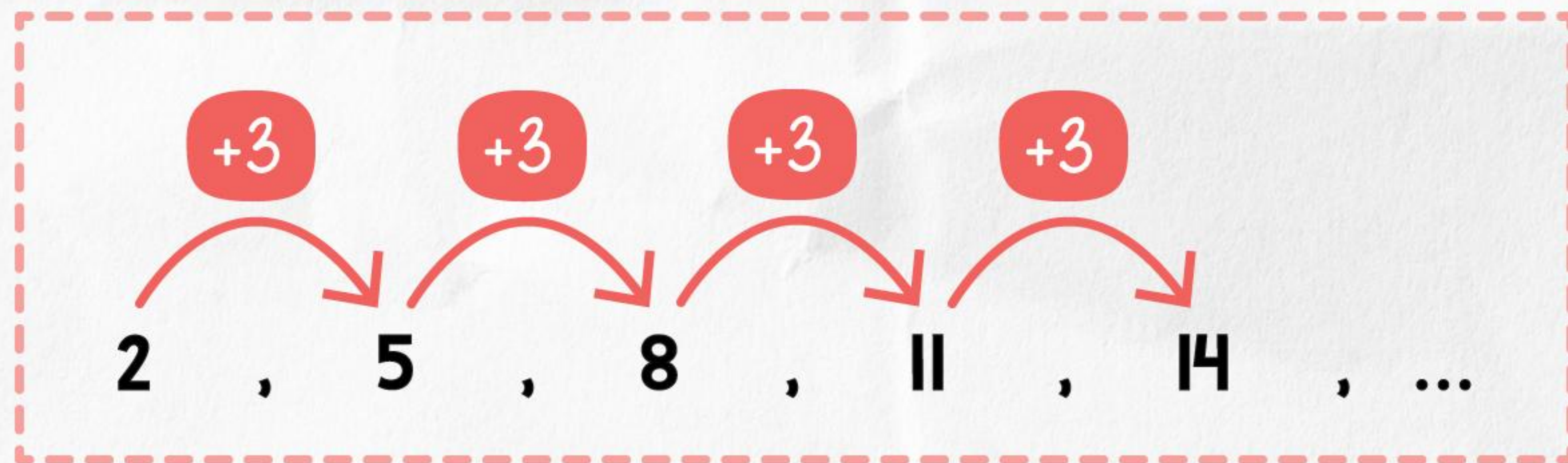


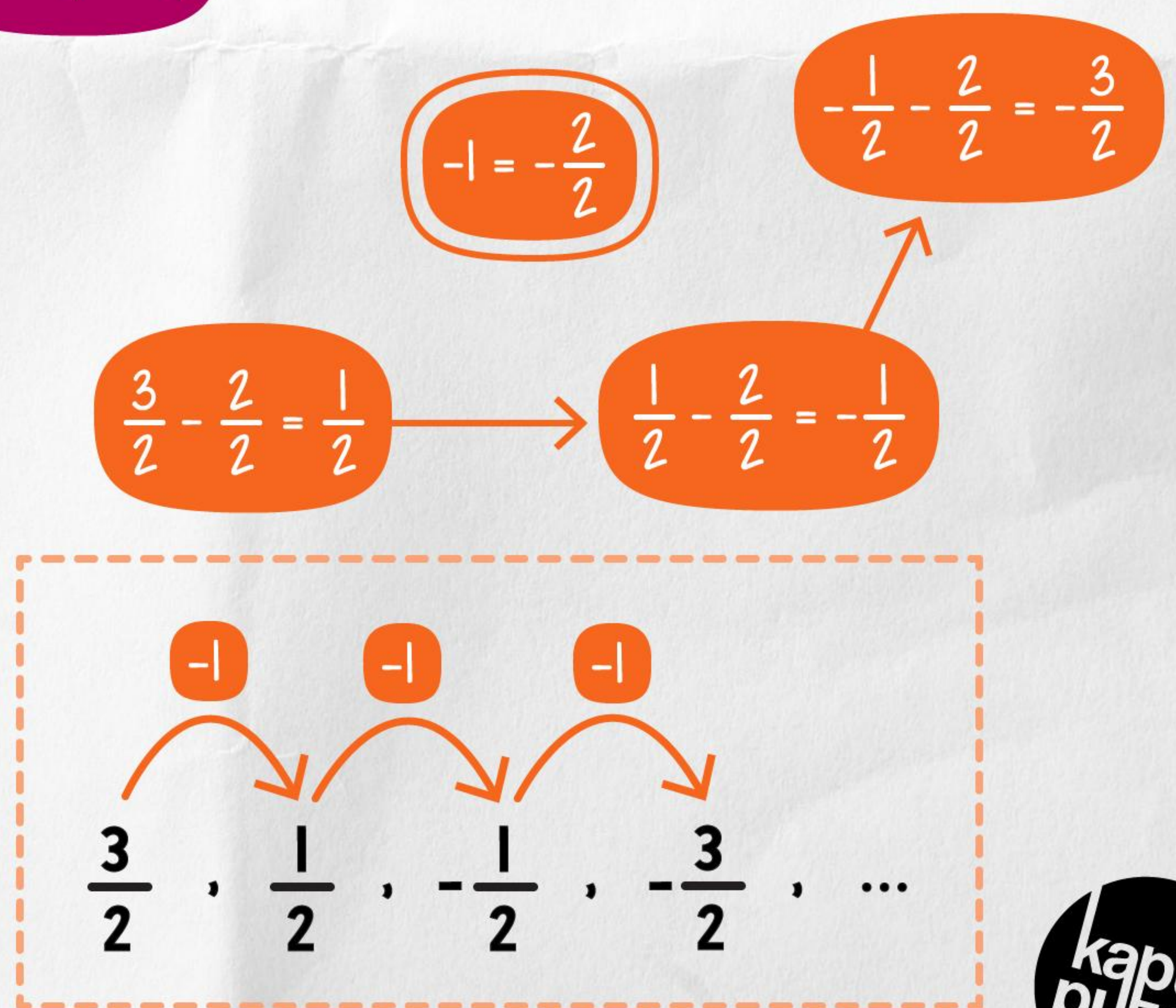
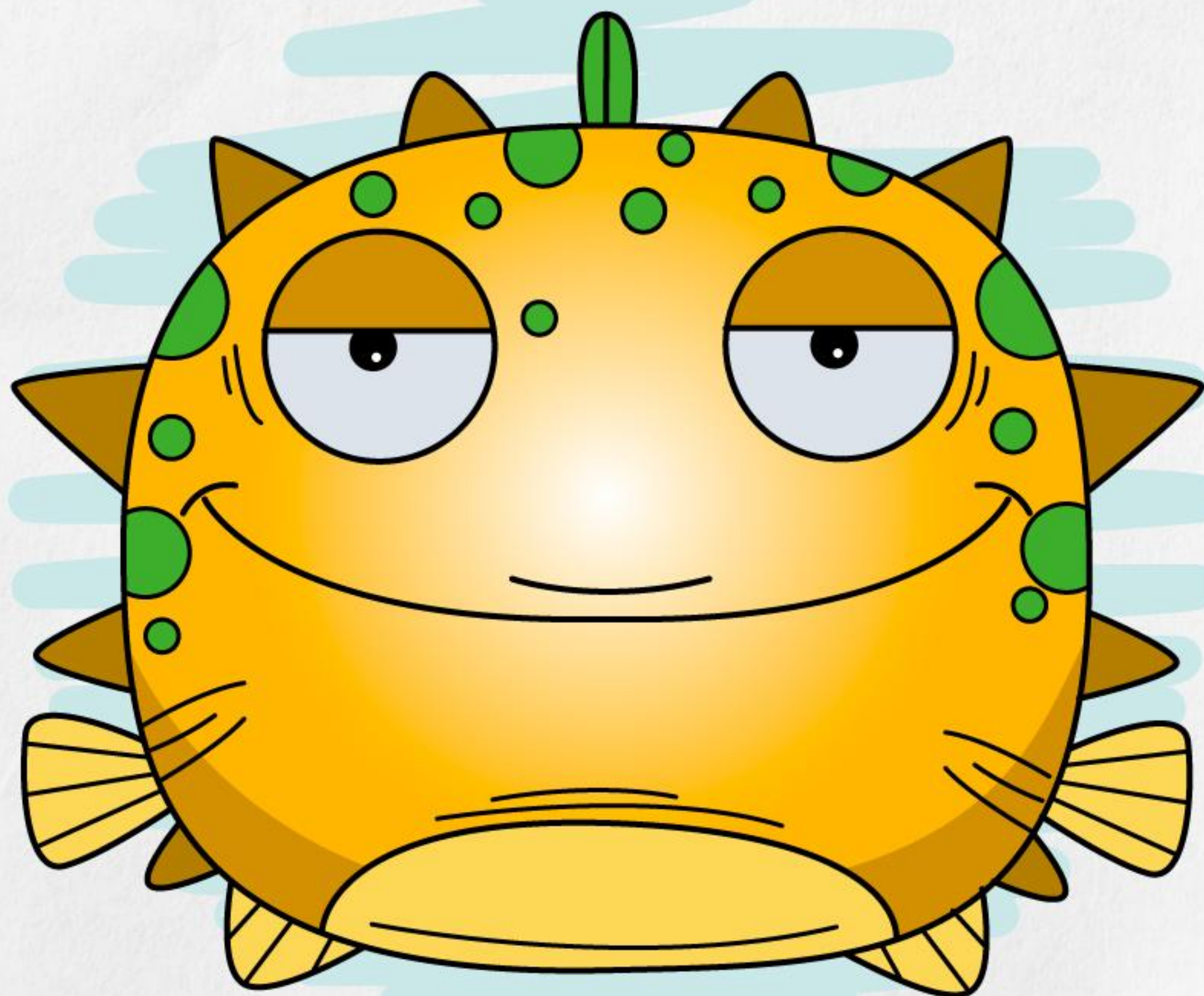
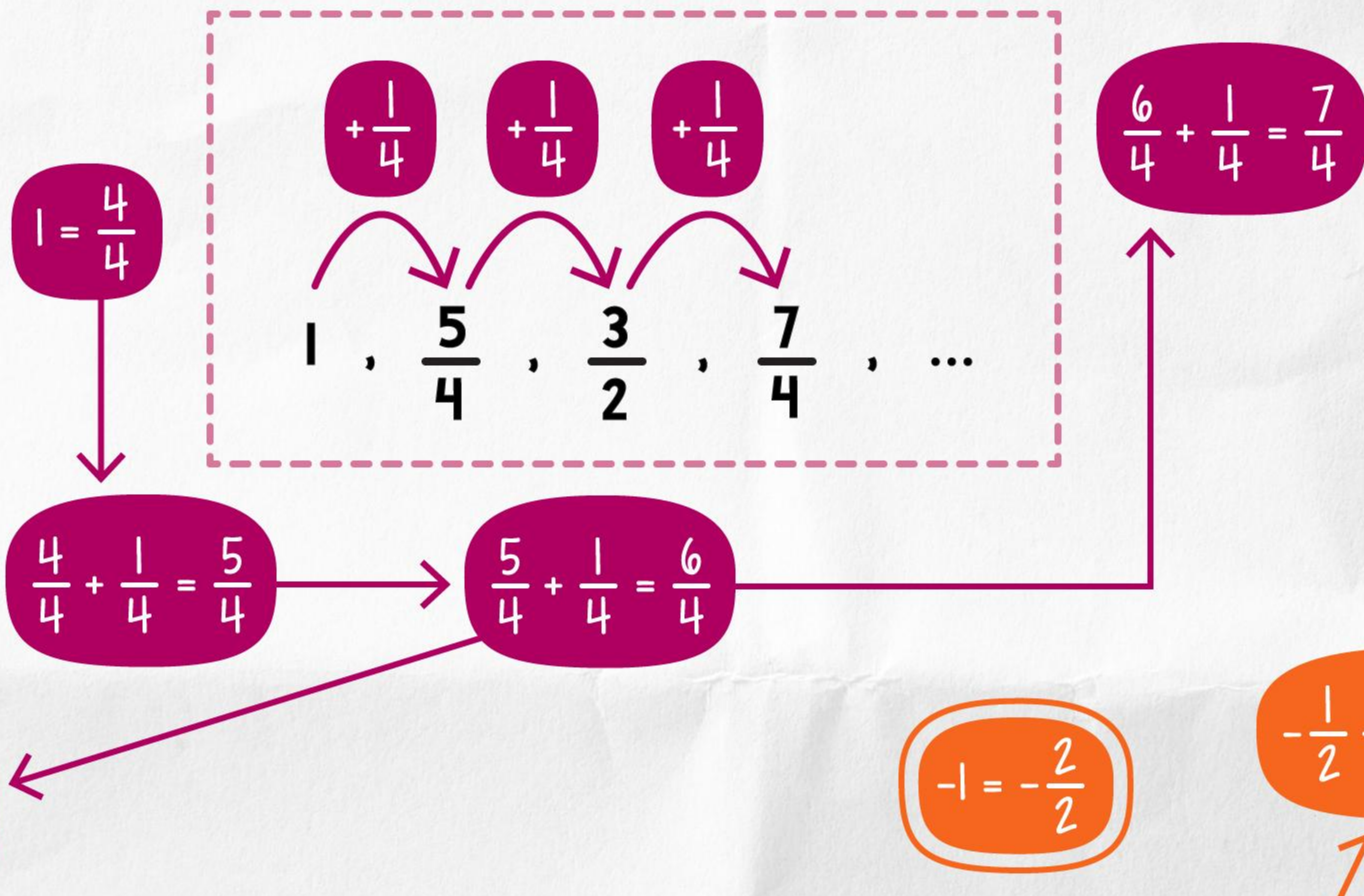
BAB 1: **POLA DAN** **JUJUKAN**

MATEMATIK TINGKATAN 2

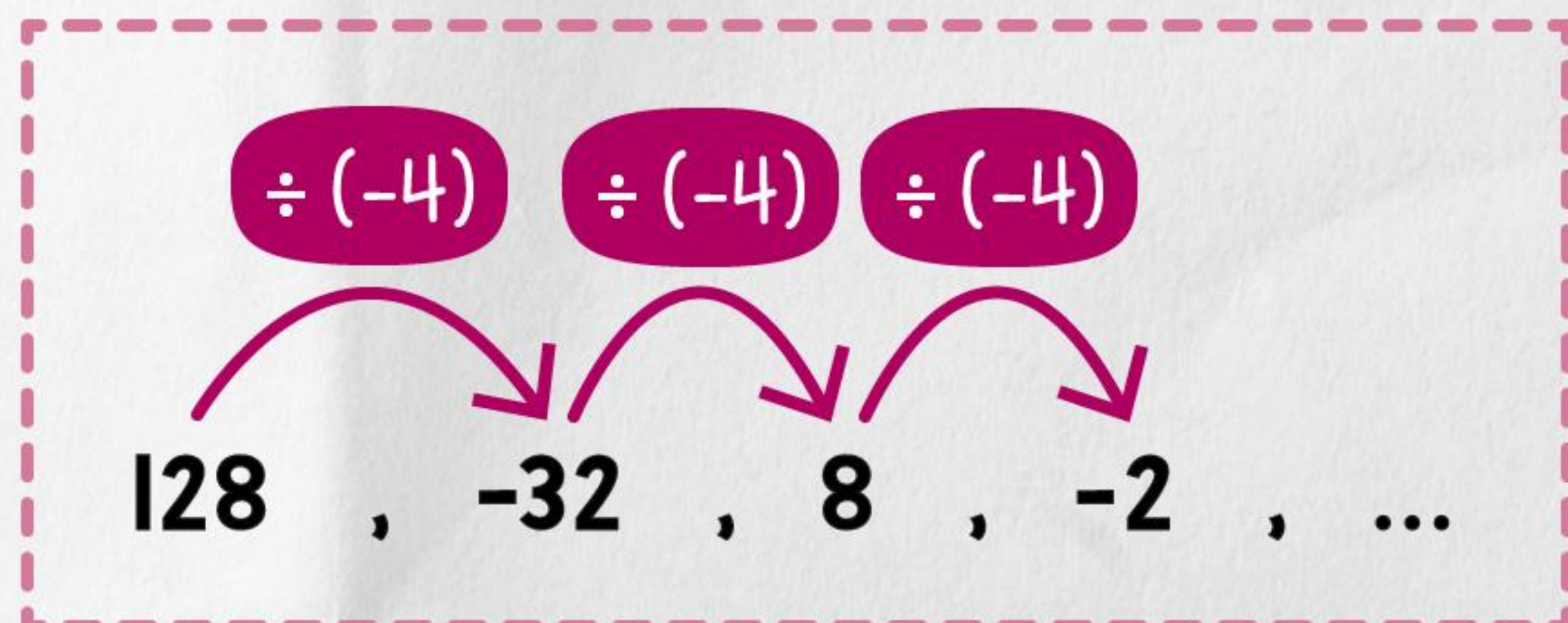
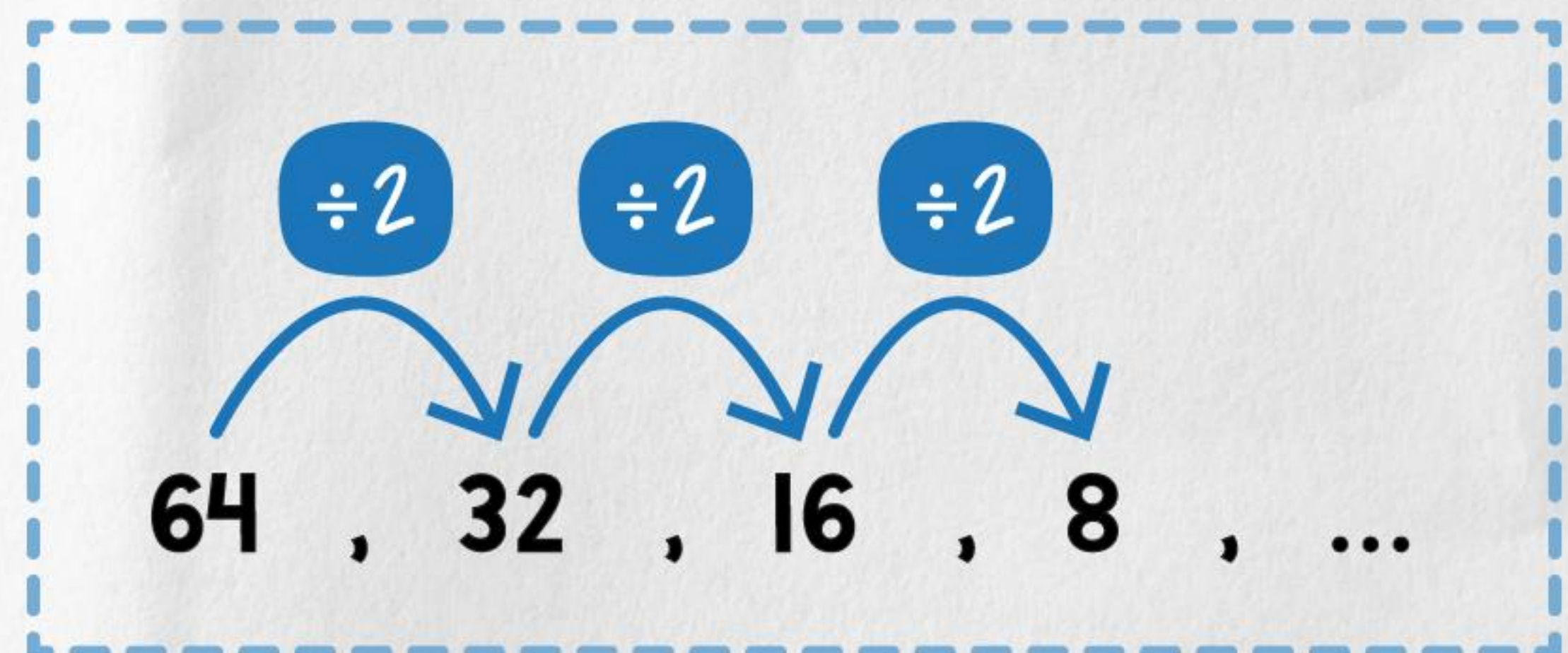
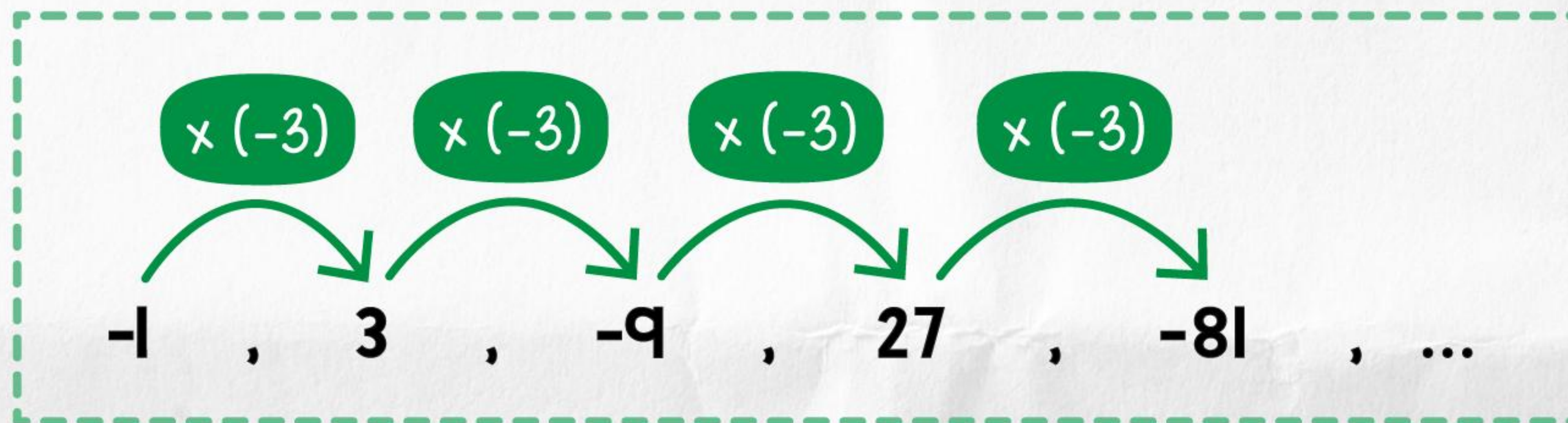
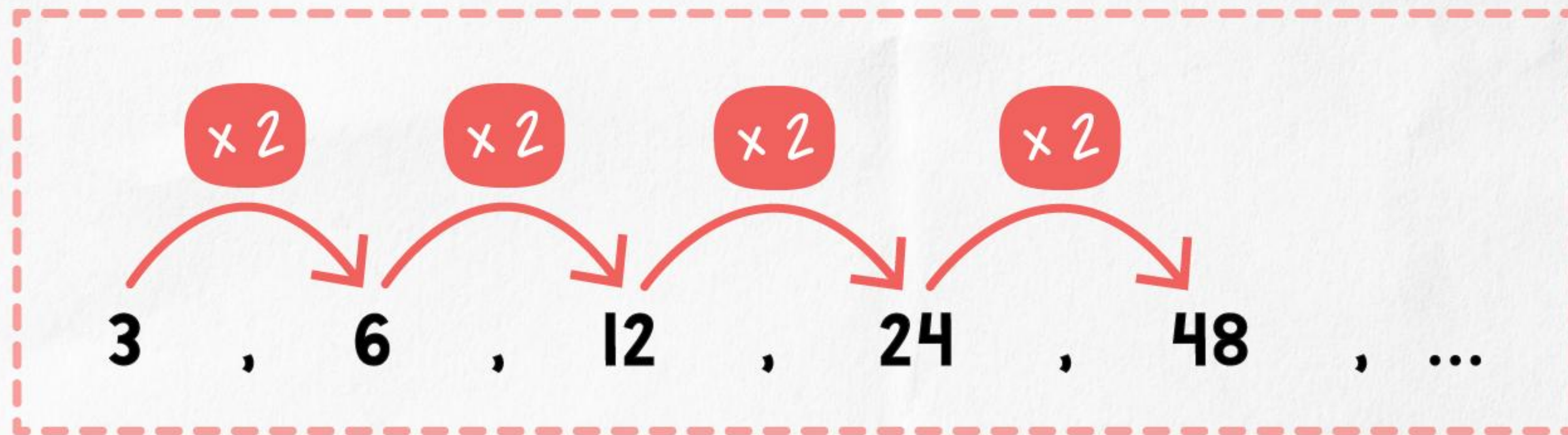
POLA DAN JUJUKAN



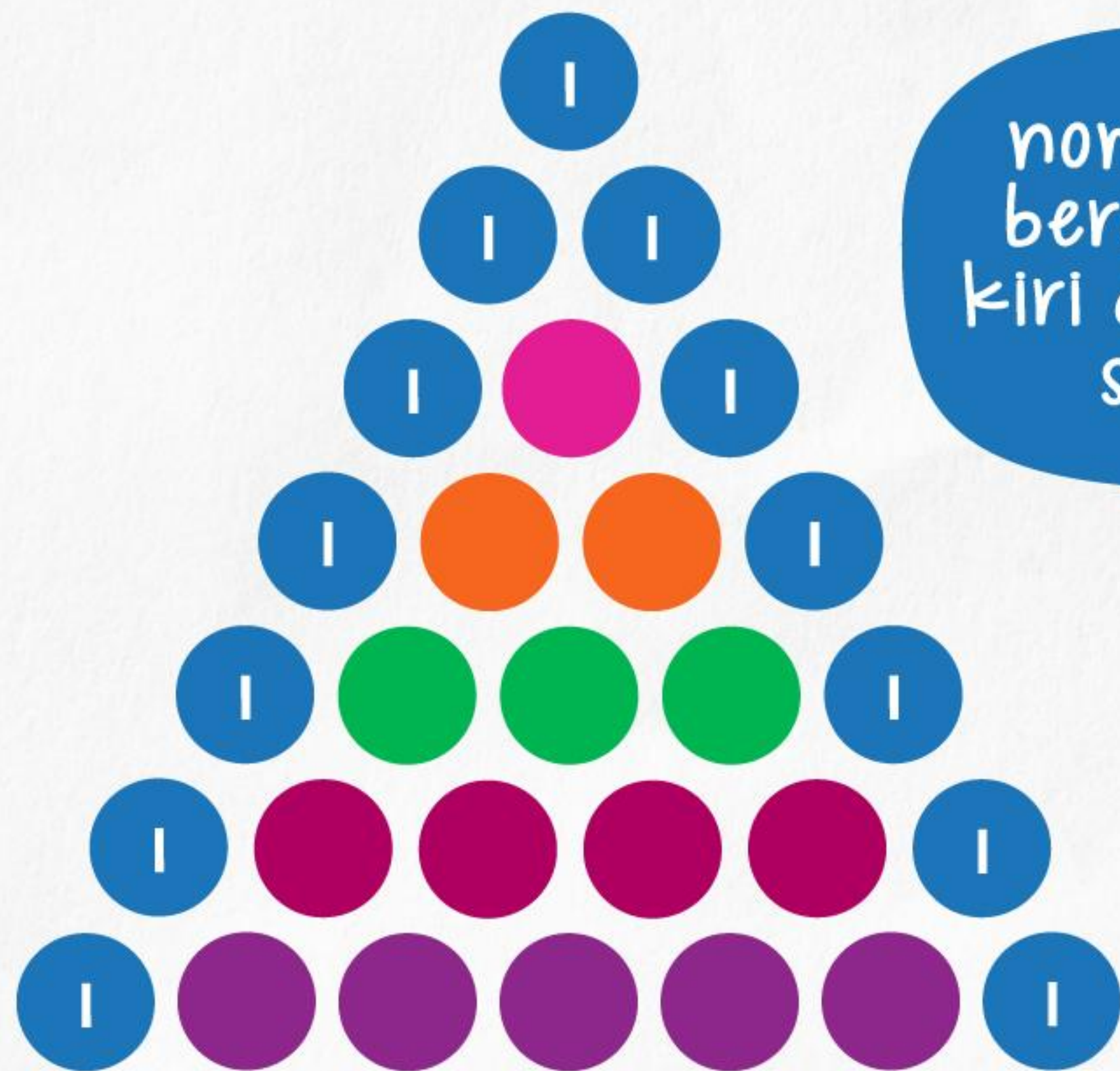
POLA DAN JUJUKAN



POLA DAN JUJUKAN



SEGI TIGA PASCAL



nombor satu
berada di sisi
kiri dan kanan
segitiga

tambah dua nombor
sebelum, mengikut
arrow yang ditunjukkan

$$1 + 1 = 2$$

$$1 + 2 = 3 \quad 2 + 1 = 3$$

$$1 + 3 = 4 \quad 3 + 3 = 6 \quad 3 + 1 = 4$$

$$1 + 4 = 5 \quad 4 + 6 = 10 \quad 6 + 4 = 10$$

$$4 + 1 = 5$$

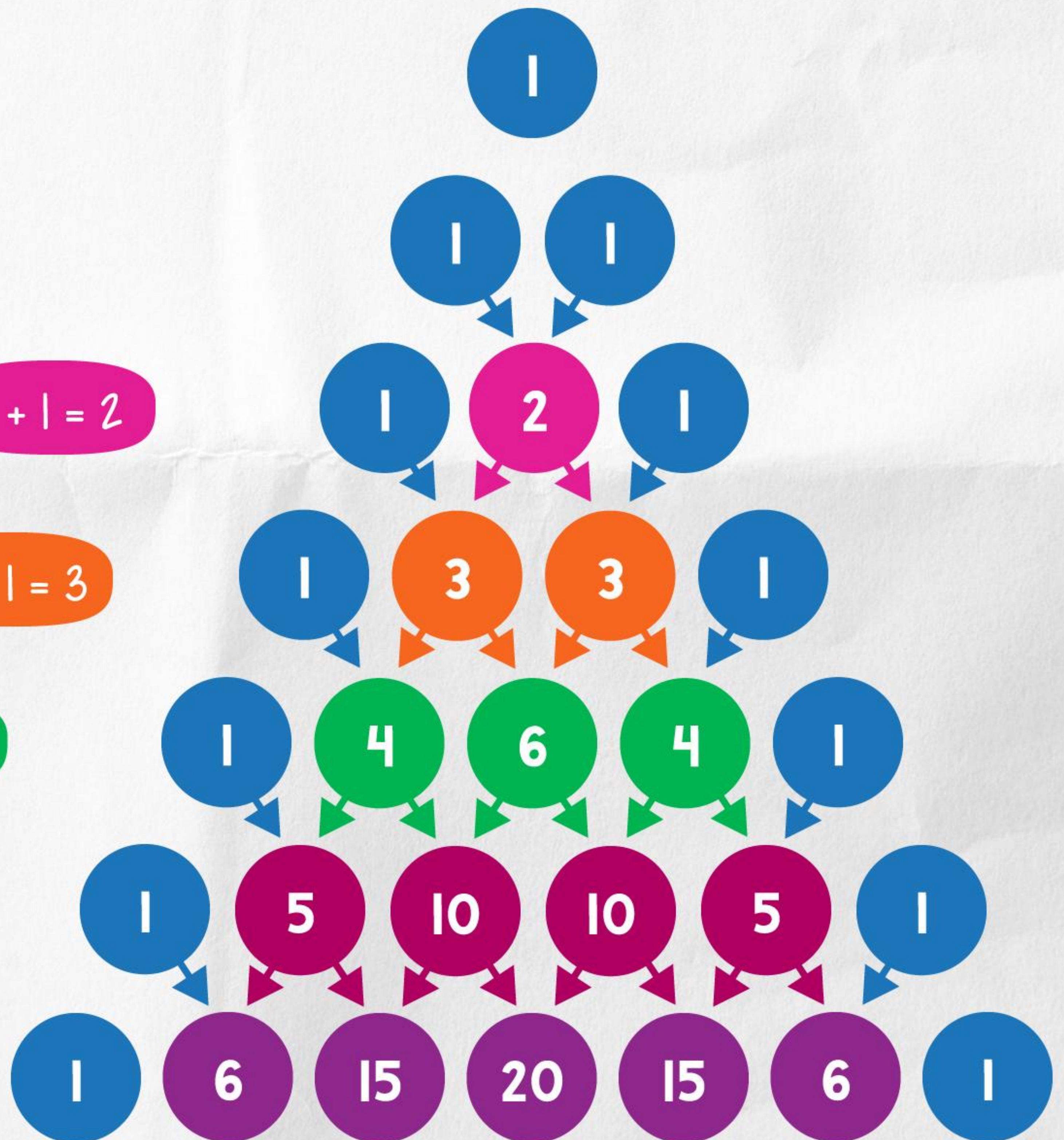
$$1 + 5 = 6$$

$$5 + 10 = 15$$

$$10 + 10 = 20$$

$$10 + 5 = 15$$

$$5 + 1 = 6$$



NOMBOR FIBONACCI



0

1

1

2

3

5

8

13

21

tambah
dua nombor
sebelum

← 0 + 1

← 1 + 1

← 1 + 2

← 2 + 3

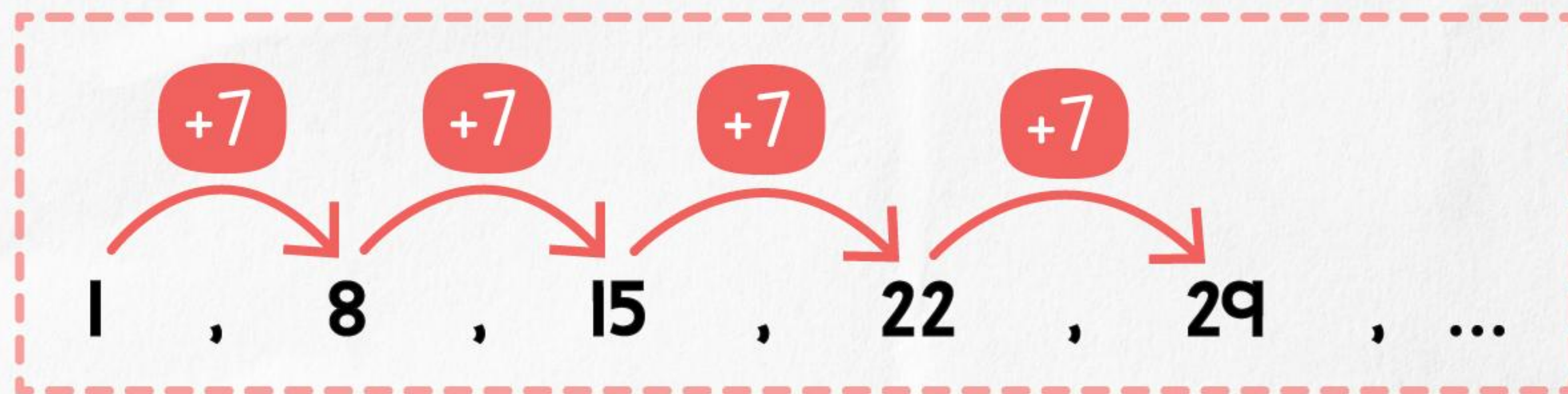
← 3 + 5

← 5 + 8

← 8 + 13

POLA DAN JUJUKAN

Pola di dalam Ungkapan Algebra



$$1$$

$$\rightarrow 1 = 1 + 7(0)$$

$$1 \xrightarrow{+7} 8$$

$$\rightarrow 8 = 1 + 7(1)$$

$$1 \xrightarrow{+7} \xrightarrow{+7} 15$$

$$\rightarrow 15 = 1 + 7(2)$$

$$1 \xrightarrow{+7} \xrightarrow{+7} \xrightarrow{+7} 22$$

$$\rightarrow 22 = 1 + 7(3)$$

$$1 \xrightarrow{+7} \xrightarrow{+7} \xrightarrow{+7} \xrightarrow{+7} 29$$

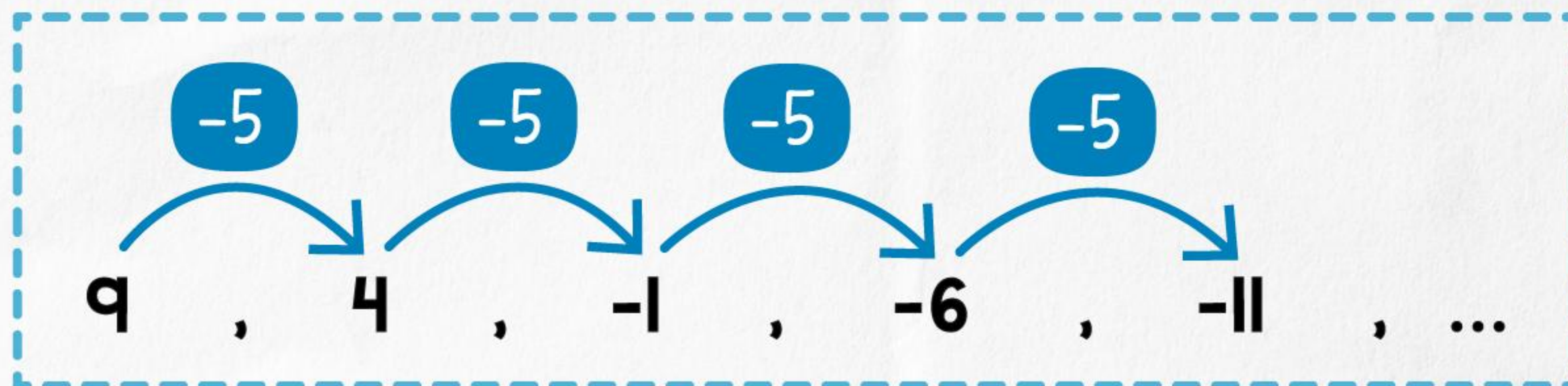
$$\rightarrow 29 = 1 + 7(4)$$

$$\begin{aligned} &1 + 7(0) \\ &1 + 7(1) \\ &1 + 7(2) \\ &1 + 7(3) \\ &1 + 7(4) \end{aligned}$$

$$1 + 7n \text{ dengan } n = 0, 1, 2, 3, 4, \dots$$

POLA DAN JUJUKAN

Pola di dalam Ungkapan Algebra



q

$\rightarrow q = q - 5(0)$

$q \xrightarrow{-5} 4$

$\rightarrow 4 = q - 5(1)$

$q \xrightarrow{-5} \xrightarrow{-5} -1$

$\rightarrow -1 = q - 5(2)$

$q \xrightarrow{-5} \xrightarrow{-5} \xrightarrow{-5} -6$

$\rightarrow -6 = q - 5(3)$

$q \xrightarrow{-5} \xrightarrow{-5} \xrightarrow{-5} \xrightarrow{-5} -11$

$\rightarrow -11 = q - 5(4)$

$q - 5(0)$
 $q - 5(1)$
 $q - 5(2)$
 $q - 5(3)$
 $q - 5(4)$

$q - 5n$ dengan keadaan
 $n = 0, 1, 2, 3, 4, \dots$

K A P U R P U T E H

"success is the sum of small efforts
repeated day in and day out"

