

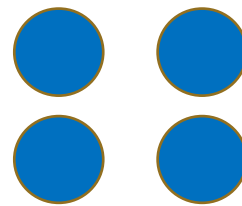
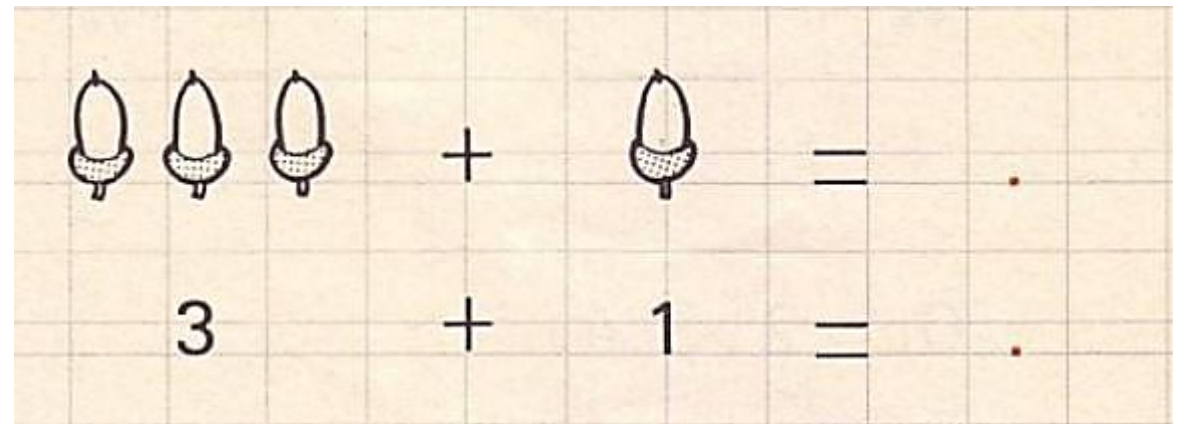
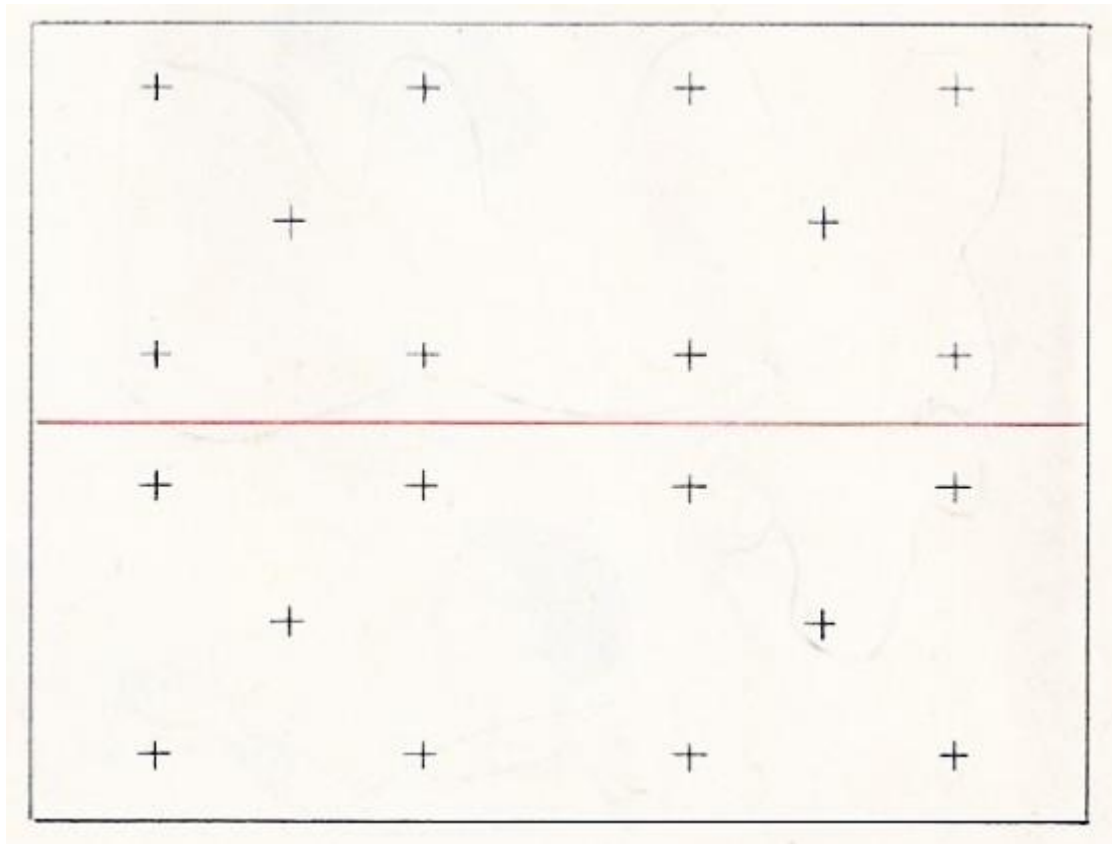


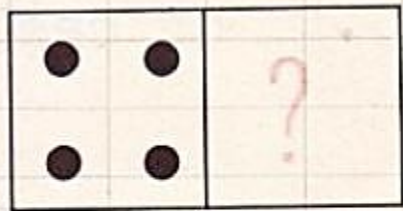
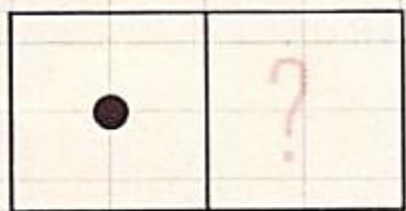
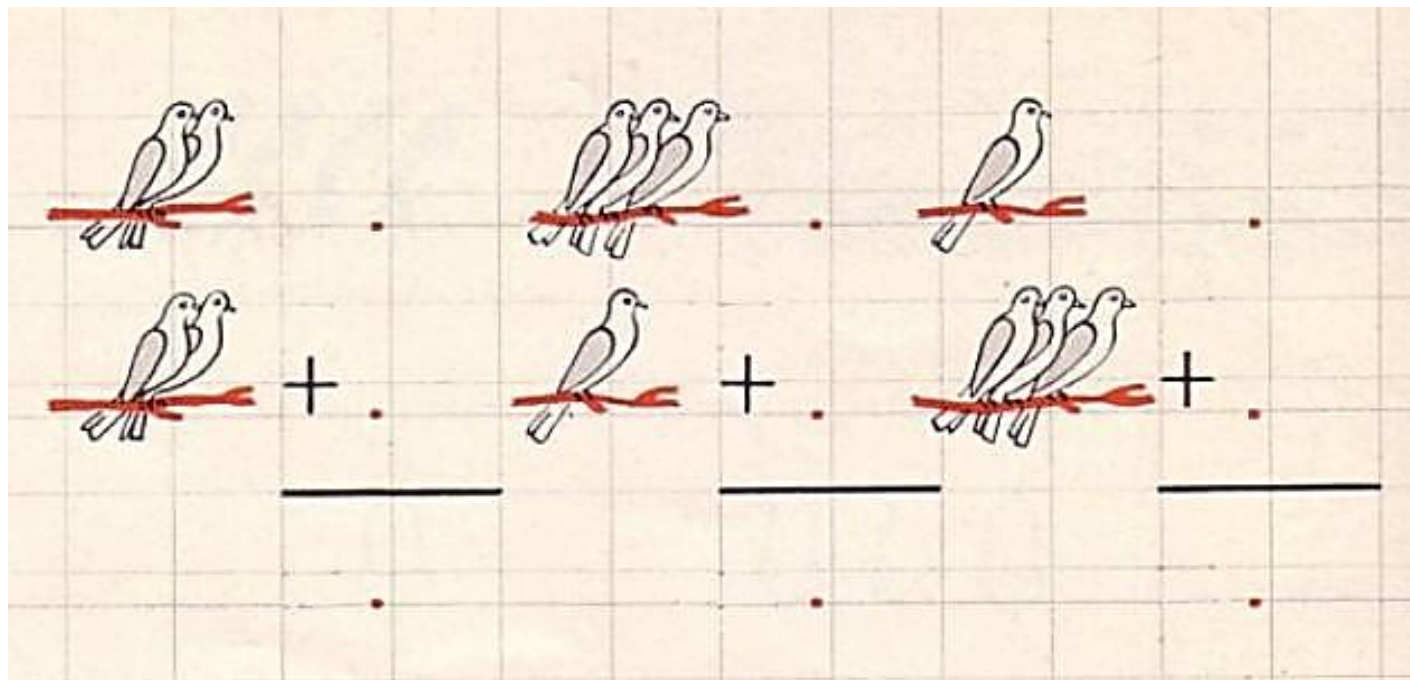
# Période 1

## de 4 à 5

---

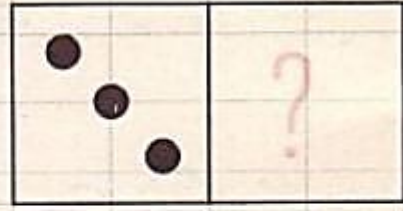
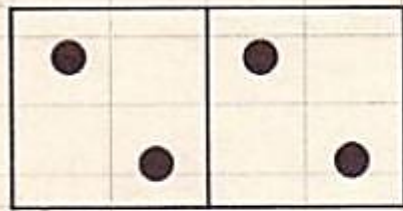
# 4 Manipulations pages 26 et 27





$$1 + \cdot = 4$$

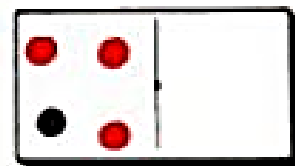
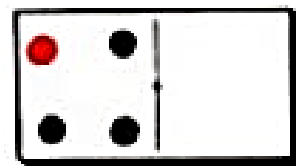
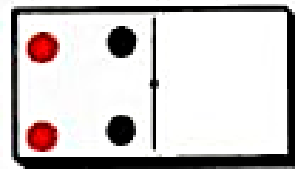
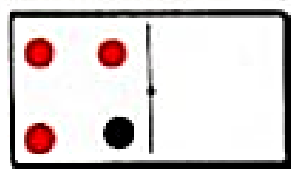
$$4 + \cdot = 4$$



$$3 + 1 = 4$$

$$3 + 1 = 4$$

Ecrire une addition : compter les points rouges puis ajouter les points noirs.



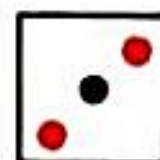
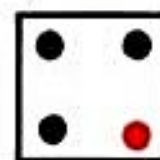
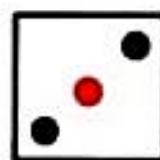
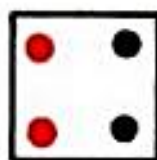
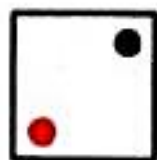
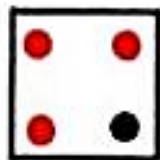
$$3 + 1 = \dots\dots$$

.....

.....

.....

Ecrire une addition. Compter les points rouges puis ajouter les points noirs.



3

1

.....

.....

.....

.....

$$\begin{array}{r} + 1 \\ \hline \end{array}$$

$$\begin{array}{r} + \dots\dots \\ \hline \end{array}$$

$$\begin{array}{r} + \dots\dots \\ \hline \end{array}$$

$$\begin{array}{r} \hline \end{array}$$

$$\begin{array}{r} \hline \end{array}$$

$$\begin{array}{r} \hline \end{array}$$

$$= \dots\dots$$

$$= \dots\dots$$

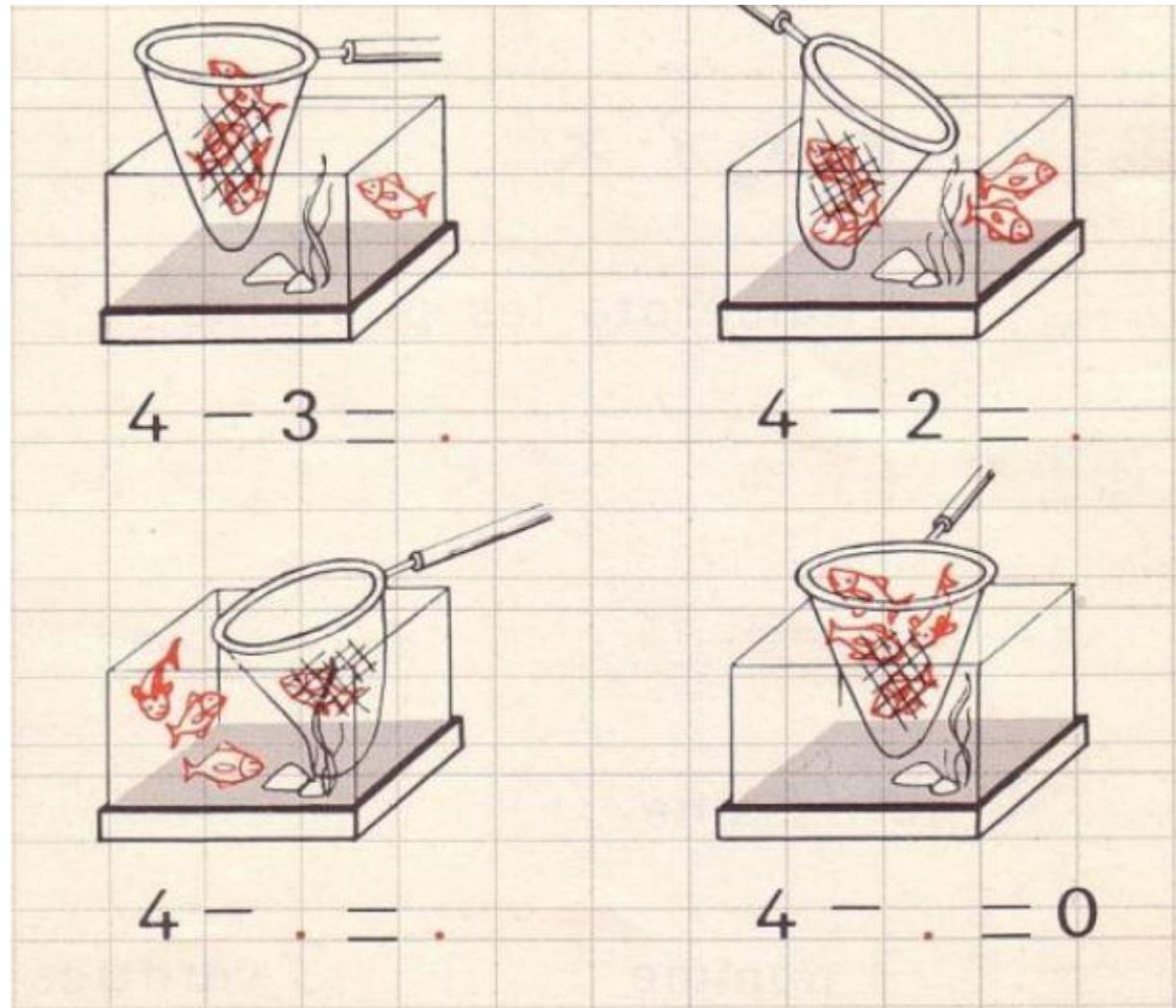
$$= \dots\dots$$

.....

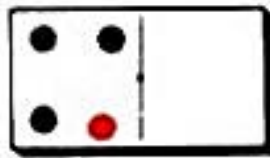
.....

.....

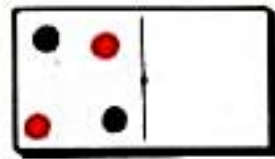
# Manipulations page 28



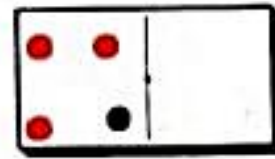
Ecrire une soustraction. compter tous les points puis ôter les points rouges.



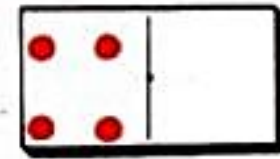
$$4 - 1 = \dots\dots$$



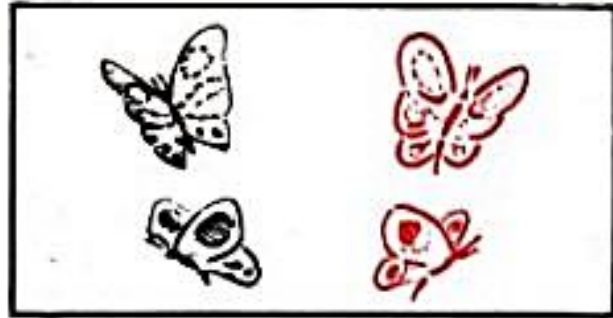
$$\dots\dots\dots$$



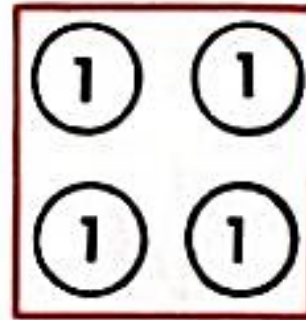
$$\dots\dots\dots$$



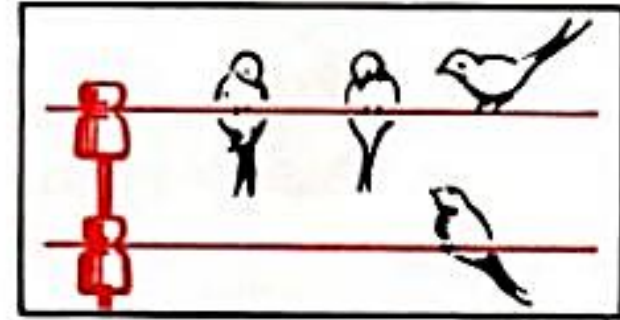
$$\dots\dots\dots$$



4	4
- 2	- 4
-----	-----
= .....	= .....

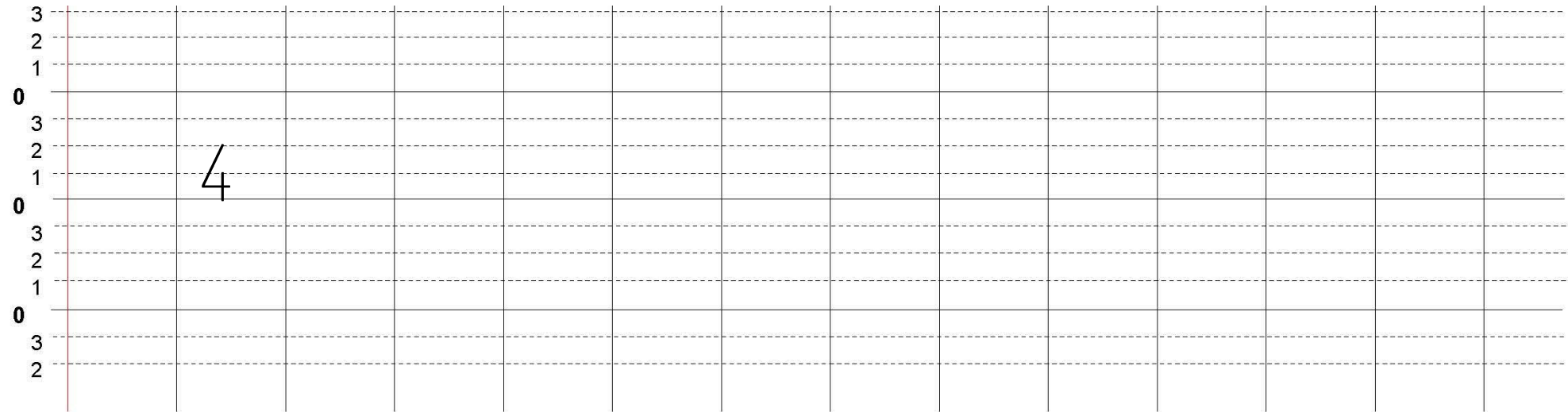


4
- 1
-----
= .....



4	4
- 3	- 1
-----	-----
= .....	= .....

Tu vas maintenant t'entraîner à écrire le chiffre 4. Pour tracer le chiffre 4, tu démarres sur la ligne 2, tu descends en oblique juste en dessous de la ligne 1, puis tu traces une ligne horizontale sous la ligne 1. Ensuite tu traces une ligne verticale qui descend de la ligne 1 à la ligne 0.



*Combien de fois vois-tu le chiffre 2 ?*

$$2 + 2 + 2$$

Je vois      fois le chiffre 2.



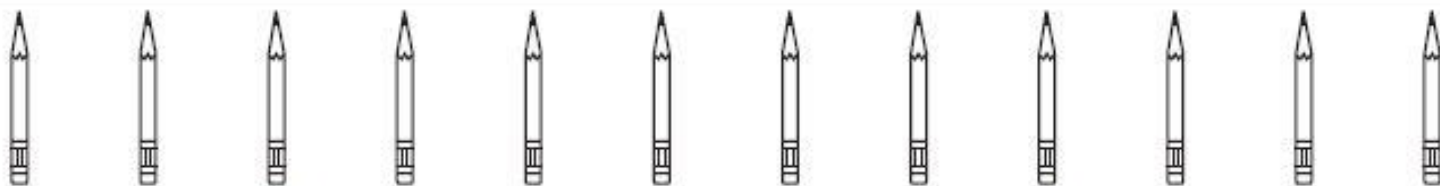
*Combien de groupes de 2 étoiles vois-tu ?*

Je vois      groupes de 2 étoiles. Il y a      fois 2 étoiles.

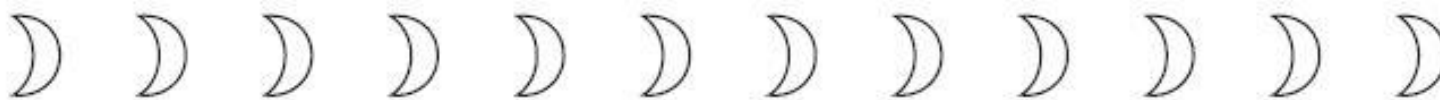




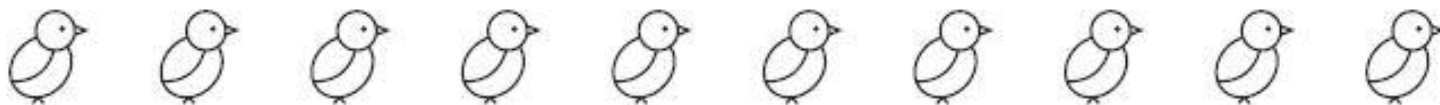
Combien y a-t-il de groupes de 4? \_\_\_\_\_



Combien y a-t-il de groupes de 2? \_\_\_\_\_

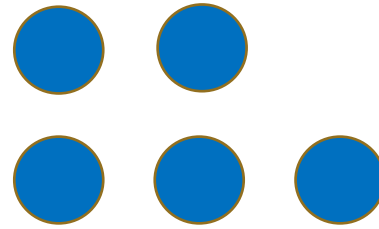
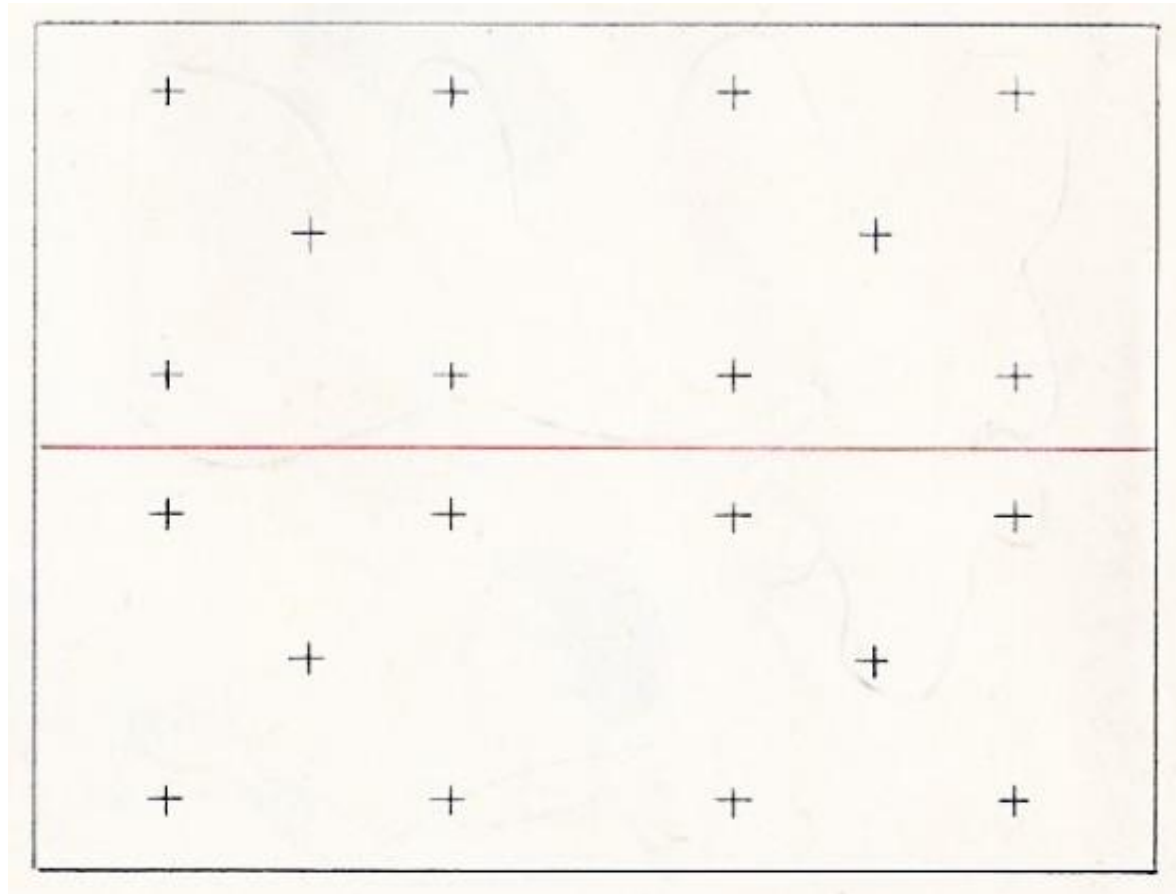


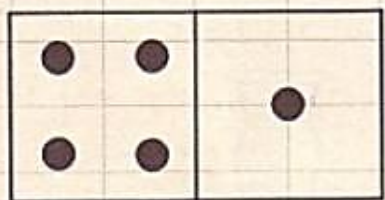
Combien y a-t-il de groupes de 4? \_\_\_\_\_



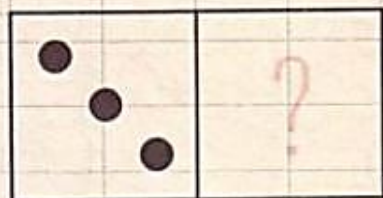
Combien y a-t-il de groupes de 2? \_\_\_\_\_

# 5 Manipulations pages 31 et 32 présentation du boulier

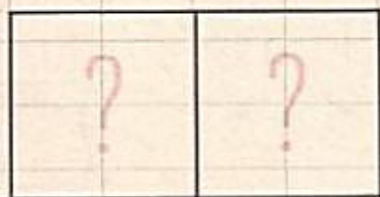




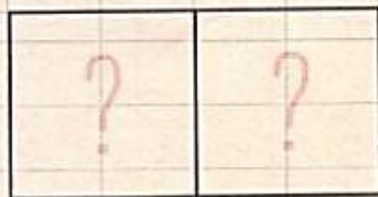
$4 + 1 = \cdot$



$\cdot + 2 = 5$



$1 + \cdot = 5$



$3 + 2 = \cdot$



+



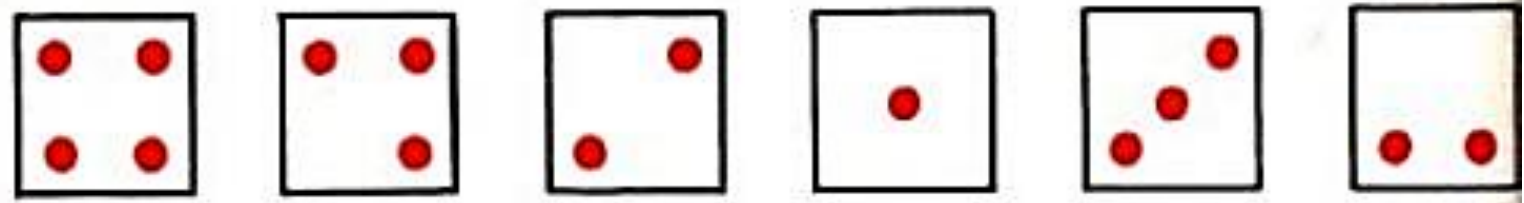
+



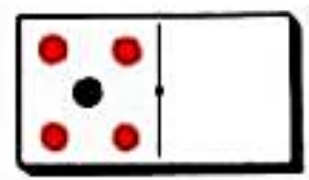
+



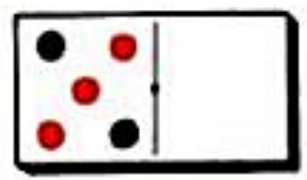
Compléter à 5 (reproduire un carré avec un point au centre).



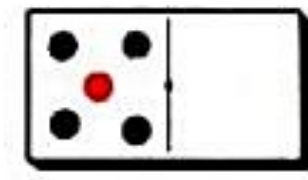
Ecrire une addition. Compter les points rouges puis ajouter les points noirs.



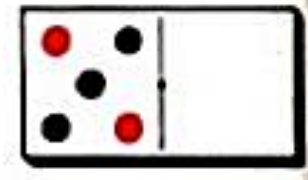
$4 + 1 = \dots$



.....



.....

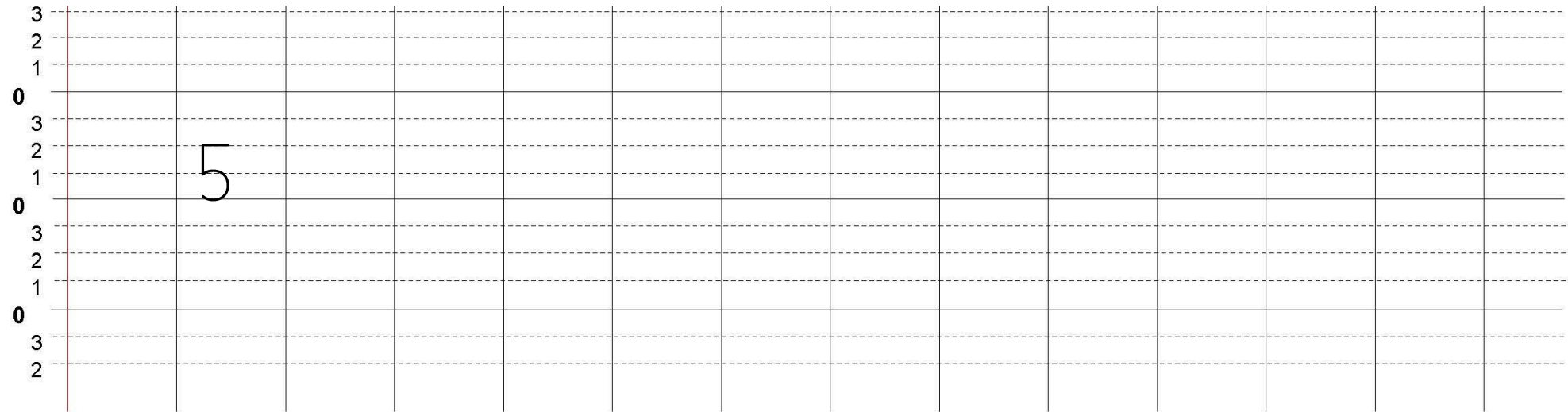


.....

Combien faut-il ajouter pour avoir 4 ?  
pour avoir 5 ?

	3	2	1	4	3	1	2
	$\frac{+ \dots}{= 4}$	$\frac{+ \dots}{= 4}$	$\frac{+ \dots}{= 4}$	$\frac{+ \dots}{= 5}$	$\frac{+ \dots}{= 5}$	$\frac{+ \dots}{= 5}$	$\frac{+ \dots}{= 5}$

Tu vas maintenant t'entraîner à écrire le chiffre 5. Pour tracer le chiffre , tu démarres sur la ligne 2, tu traces une ligne verticale en reculant, tu descends jusqu'à la ligne 1, puis tu formes un rond qui reste ouvert, tu touches la ligne 0 et tu enroules légèrement en formant une canne à l'envers.





$$5 - 1 = \dots$$



$$5 - 5 = \dots$$



$$5 - \dots = 3$$

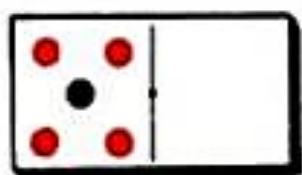


$$5 - \dots = \dots$$



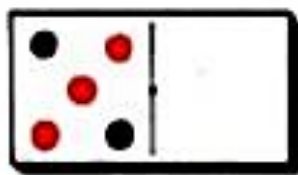
$$5 - \dots = \dots$$

Ecrire 2 soustractions. Du total — 1° Oter les points noirs — 2° Oter les points rouges.



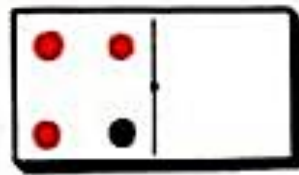
$5 - 1 = \dots$

$5 - 4 = \dots$



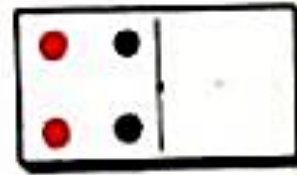
.....

.....



.....

.....



.....

.....

Compter de 1 à 5 : ...**1**.....

Compter de 5 à 1 : ...**5**.....

$4 + 1 = \cdot$

$5 - 1 = \cdot$

$3 + 2 = \cdot$

$5 - 2 = \cdot$

$2 + 3 = \cdot$

$5 - 3 = \cdot$

$1 + 4 = \cdot$

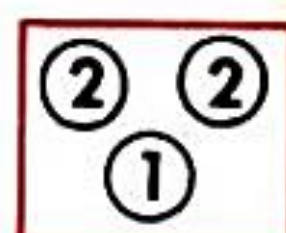
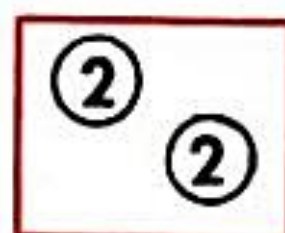
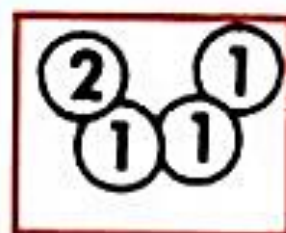
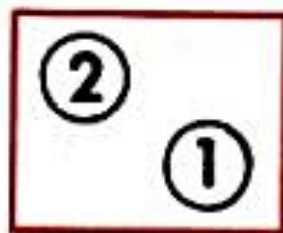
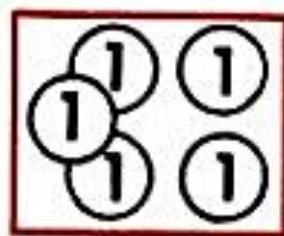
$5 - 4 = \cdot$

$5 + 0 = \cdot$

$5 - 5 = \cdot$



Combien  
contient  
chaque  
porte-  
monnaie ?





$$1 \text{ fois } 2 = \cdot$$

$$2 \text{ fois } 2 = \cdot$$

$$2 \times 1 = \cdot$$

$$2 \times 2 = \cdot$$



5 =

.

X

.

et

.

5 =

.

fois

.

et

.

**2 . 4** sont des  
nombres pairs.

---

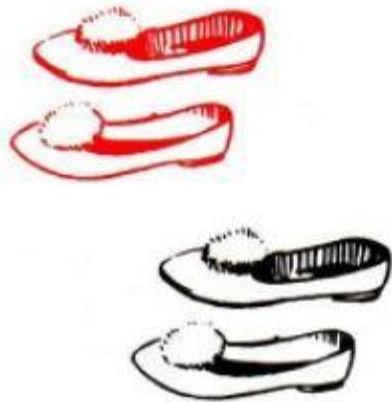
une paire  
c'est

**2**



deux  
paires  
c'est

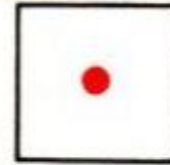
**4**



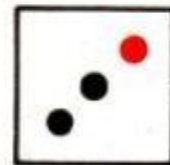
**1 . 3 . 5** sont des  
nombres impairs

---

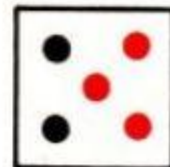
**1**












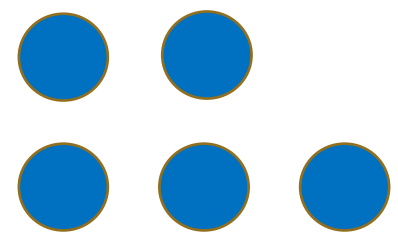
**3**



**5**



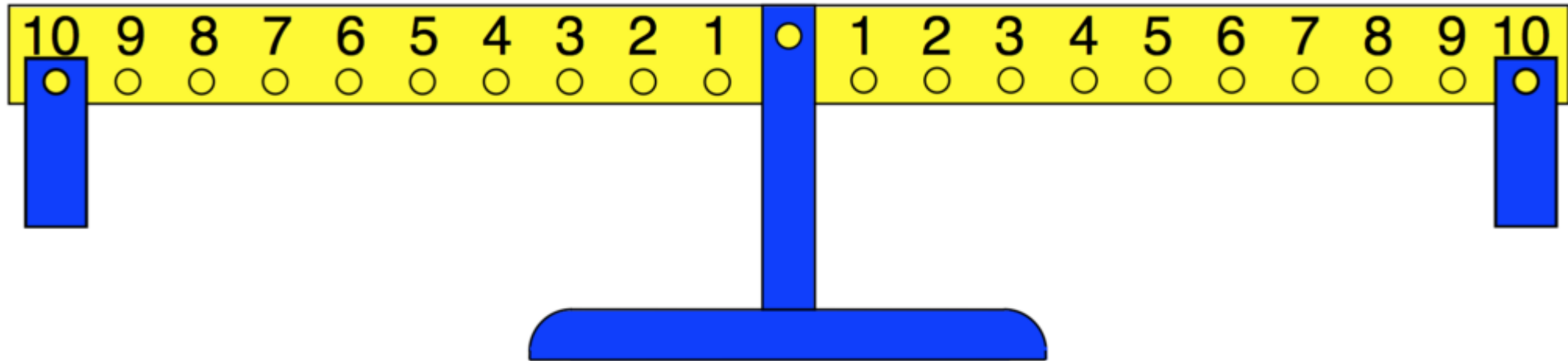
 	<p>1 et 4, 5  <math>1 + 4 = 5</math></p>
  	<p>2 et 3, 5  <math>2 + 3 = 5</math></p>
 	<p>3 et 2, 5  <math>3 + 2 = 5</math></p>
 	<p>2 et 3, 5  <math>2 + 3 = 5</math></p>

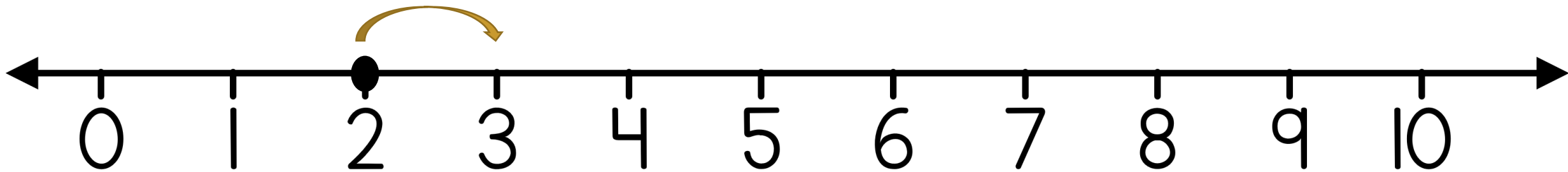


<https://www->

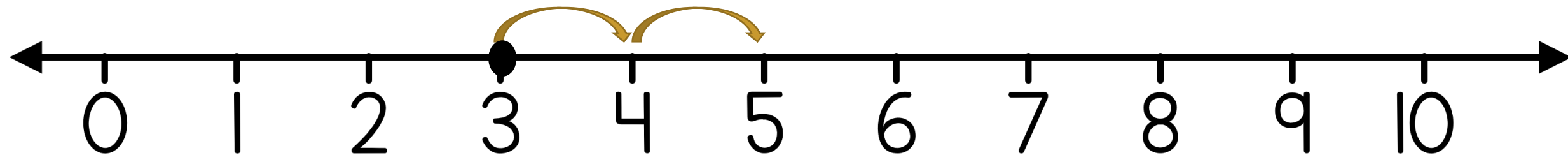
[k6.thinkcentral.com/content/hsp/math/hspmath/na/common/itools\\_int\\_9780547584997\\_/algebra.html](https://www-thinkcentral.com/content/hsp/math/hspmath/na/common/itools_int_9780547584997_/algebra.html)

Exercices d'entraînement avec la balance de calculs en collectif

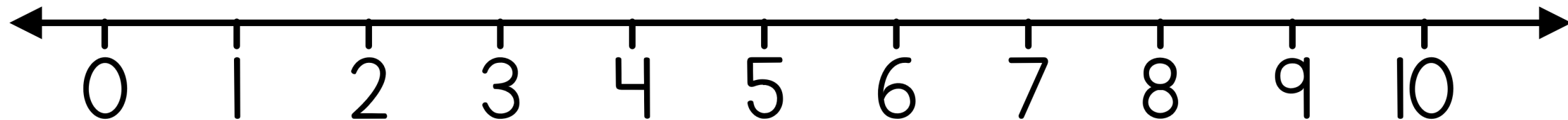


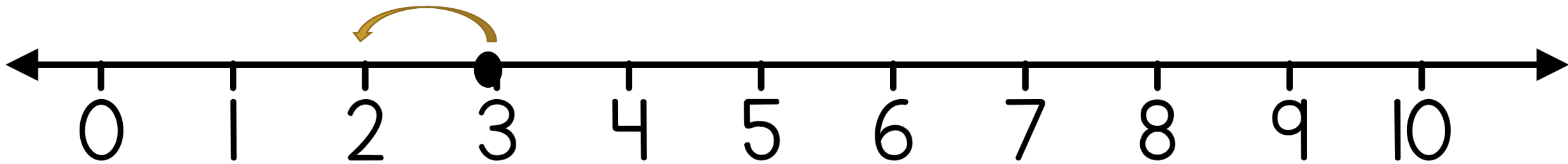


$$2 + 1 = 3$$

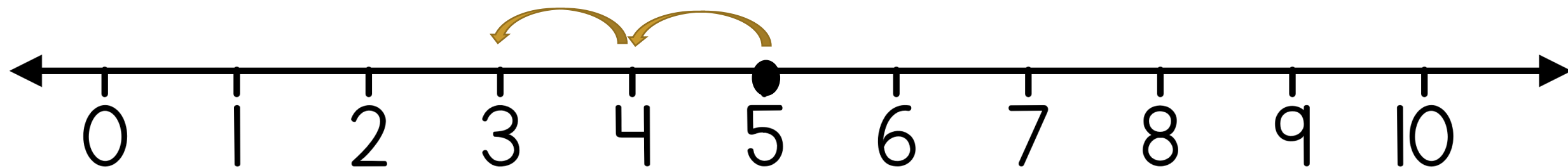


$$3 + 2 =$$

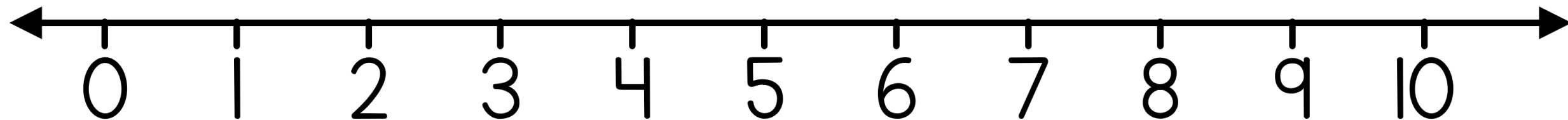




$$3 - 1 = 2$$



$$5 - 2 =$$





1 2 3 4 5

$$2 + 3 = 5$$

1

$$1 + 2 =$$

1 2 3

$$3 + 1 =$$

1

$$1 + 4 =$$

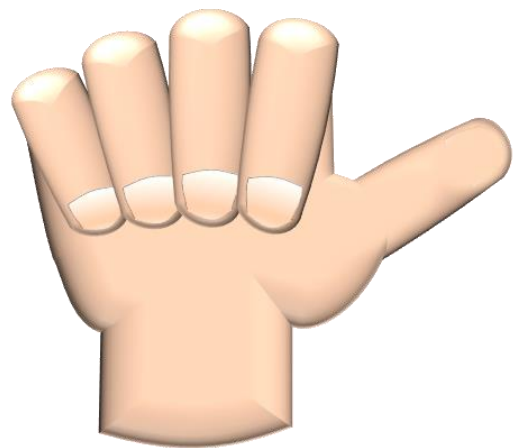
1 2

$$2 + 2 =$$



3 doigts levés plus 2 doigts baissés = 5 doigts en tout

$$3 + 2 = 5$$



■	■
□	□
□	■

+

+

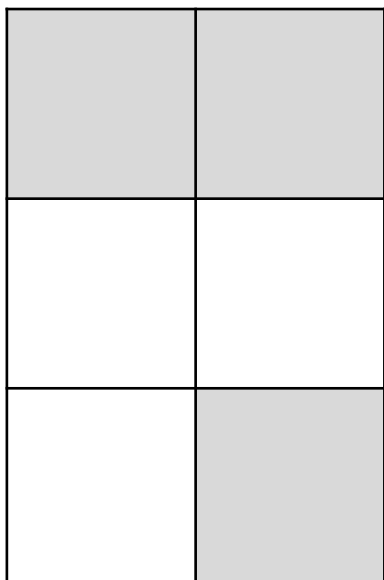
\_\_\_\_\_

□	□
■	□
□	■

\_\_\_\_\_

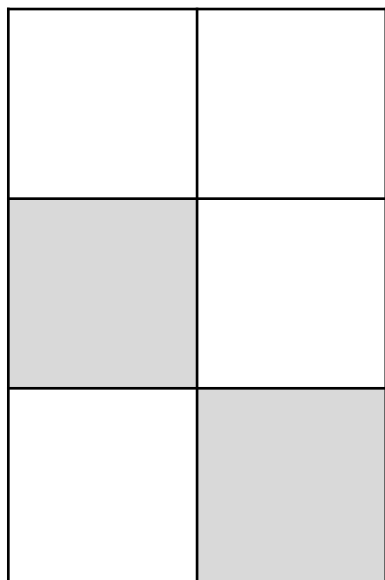
□	■
■	□
□	□
■	■

\_\_\_\_\_



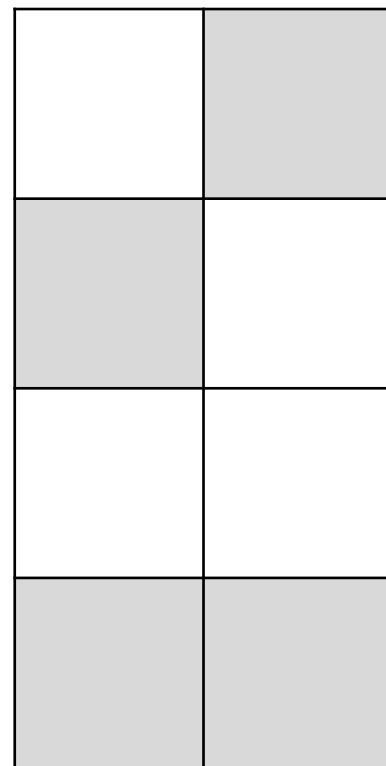
+

=



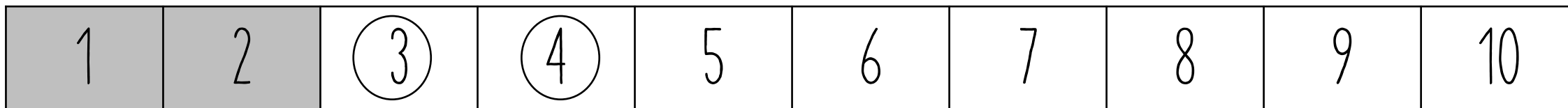
+

=

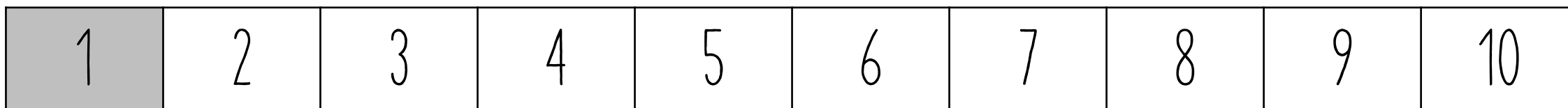


+

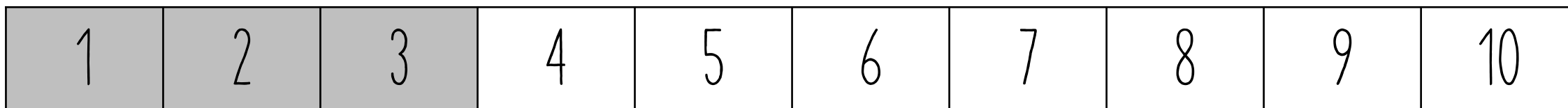
=



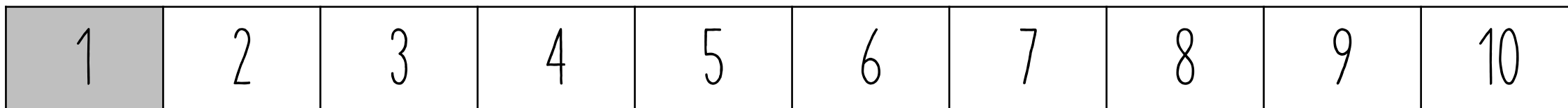
$$2 + 2 = 4$$



$$1 + 3 =$$



$$3 + 2 =$$



$$1 + 4 =$$