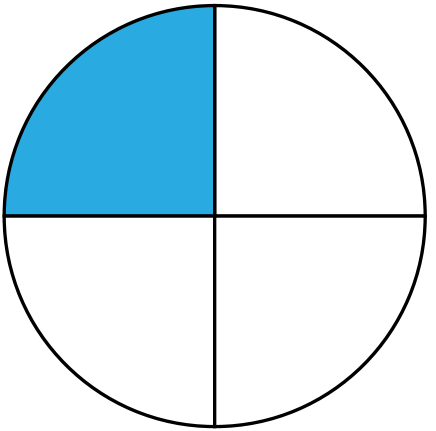
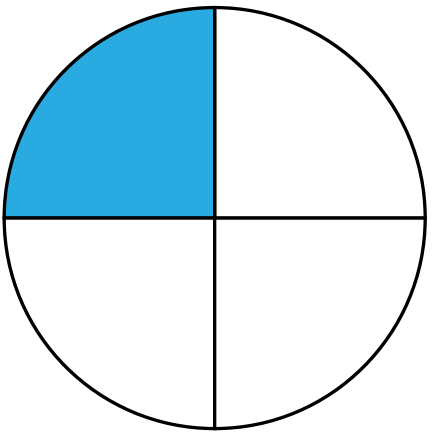
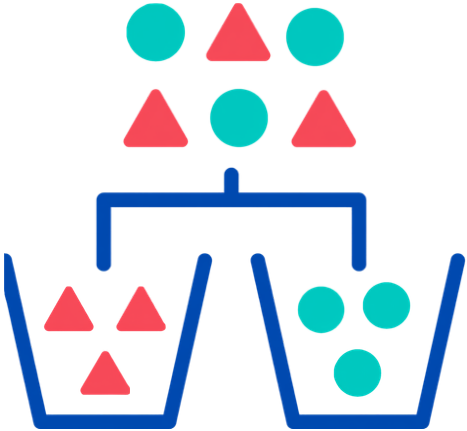



CANADA
25
cents
1976

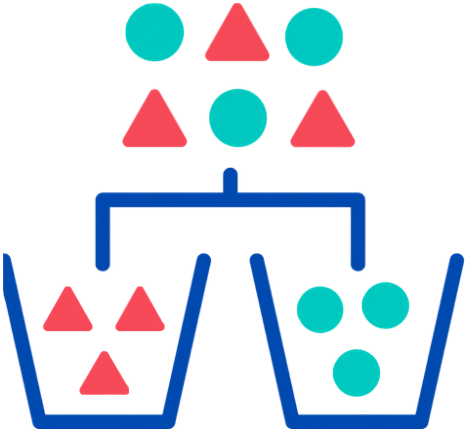
un quart







classer



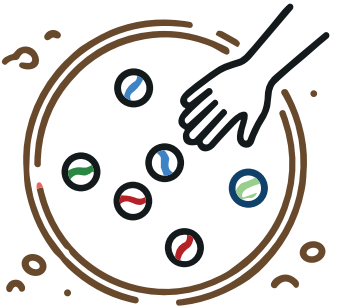




comparer / une comparaison

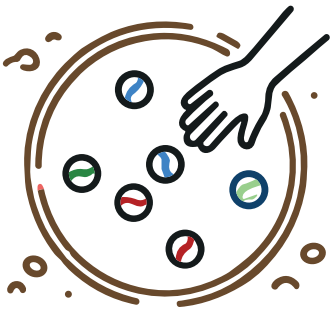






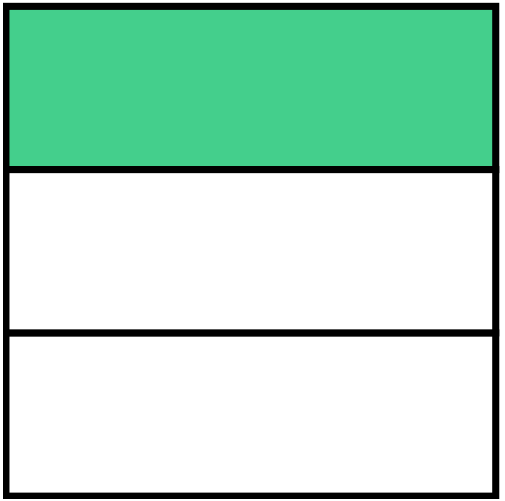


aléatoire / au hasard



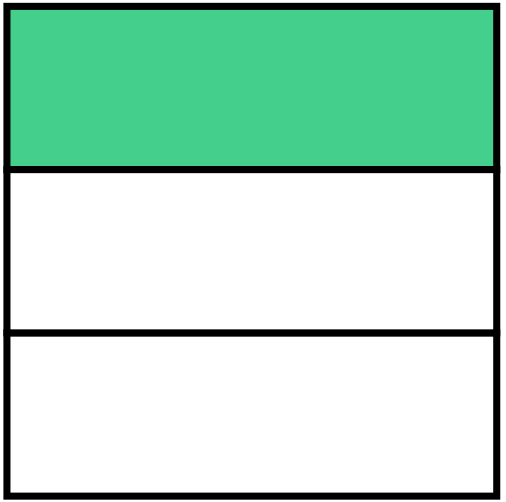


Veut dire que le choix n'est pas décidé d'avance et qu'on ne sait pas exactement ce qui va arriver.



$\frac{1}{3}$

un numérateur



$$\frac{1}{3}$$



$$36 \times 4 = 144$$

un calcul / calculer



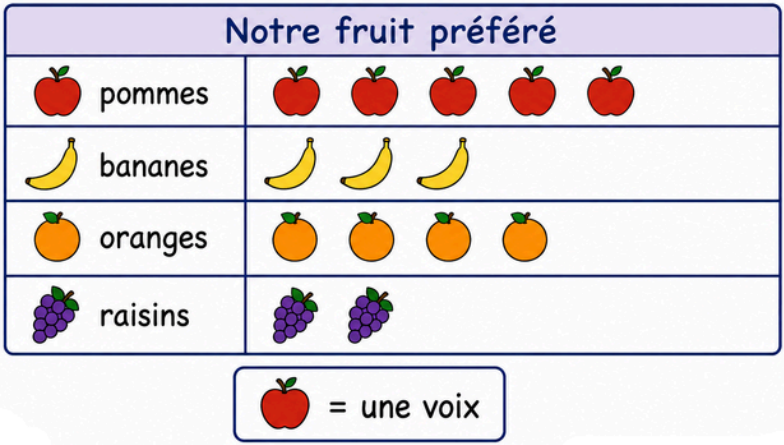
$36 \times 4 = 144$

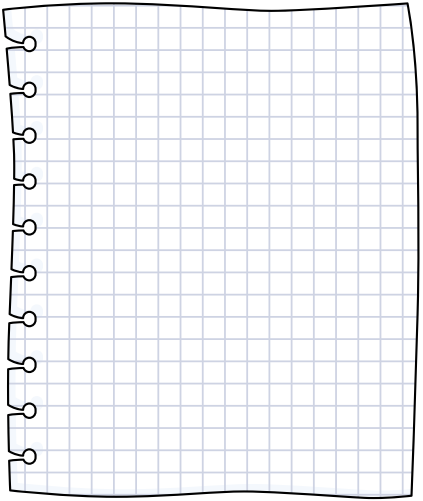
Notre fruit préféré

pommes	
bananes	
oranges	
raisins	

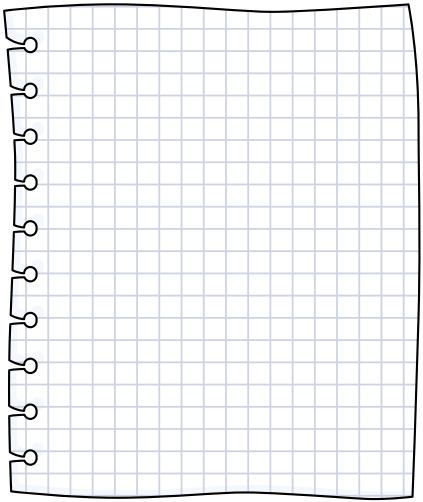
 = une voix

un pictogramme

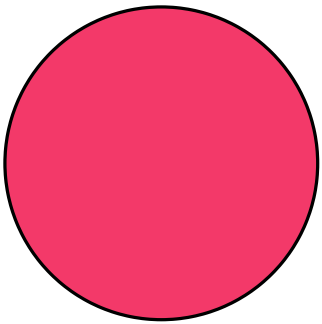




du papier quadrillé

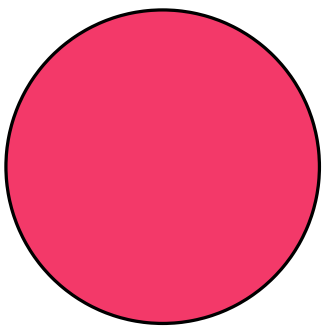






un tout

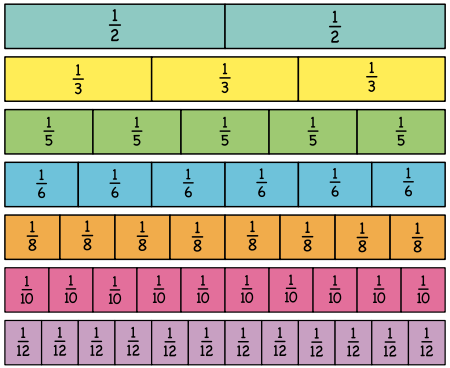




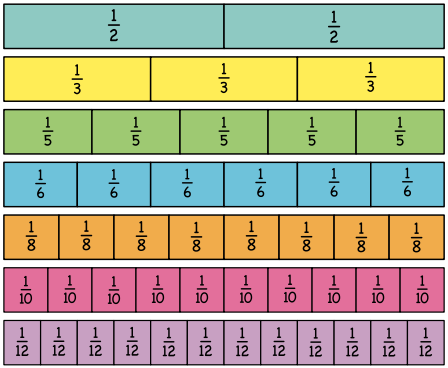


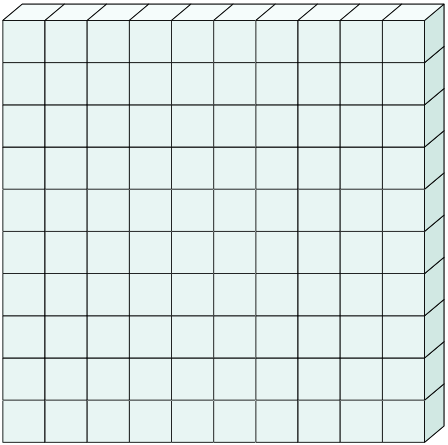
et demi(e)




1/2 1/2
1/3 1/3 1/3
1/5 1/5 1/5 1/5 1/5
1/6 1/6 1/6 1/6 1/6 1/6
1/8 1/8 1/8 1/8 1/8 1/8 1/8 1/8
1/10 1/10 1/10 1/10 1/10 1/10 1/10 1/10 1/10 1/10
1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12

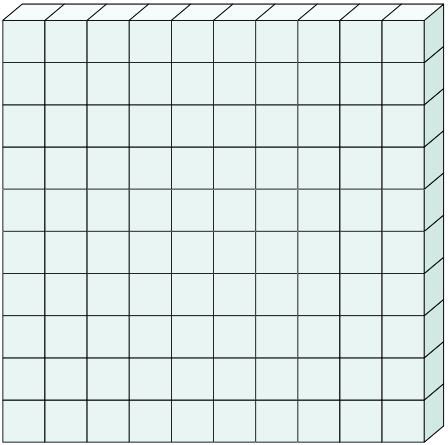
une bande fractionnaire



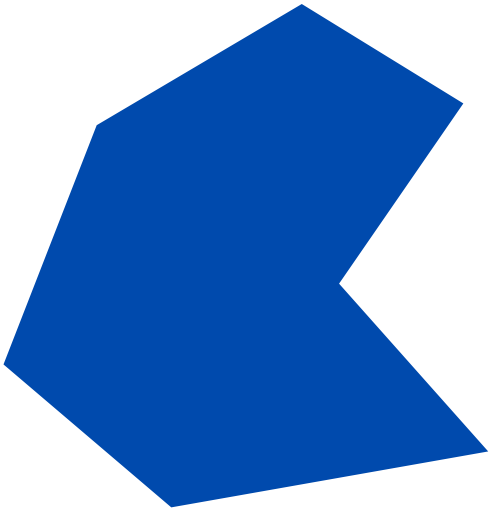


100

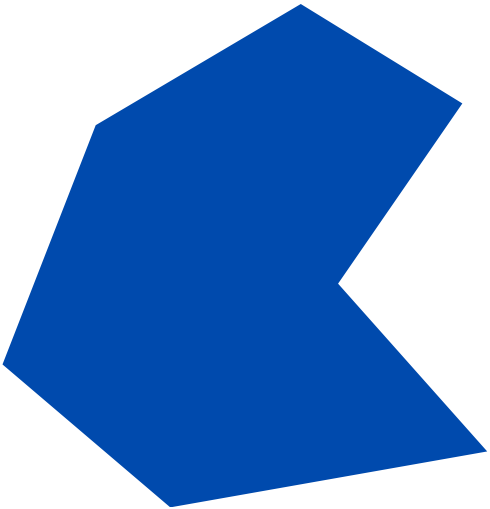
cent



100

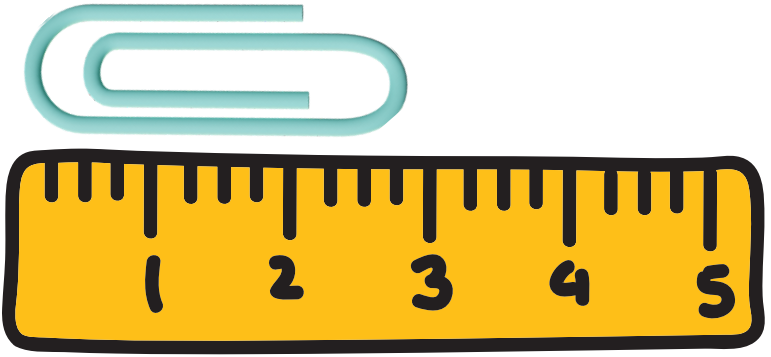


un polygone




1
2
3
4
5

un référent




1
2
3
4
5

compter



$$18 + 17 = 25$$

un résultat

$$18 + 17 = 25$$



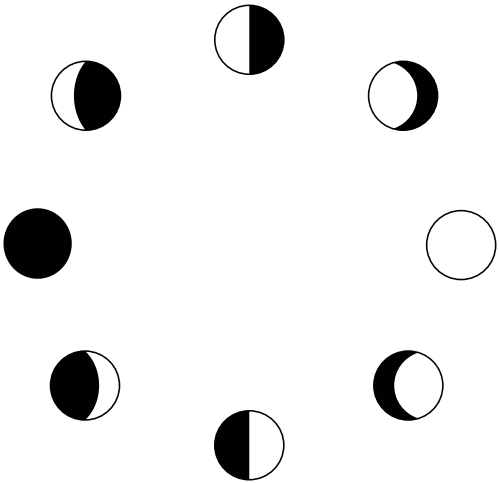
le cycle des saisons



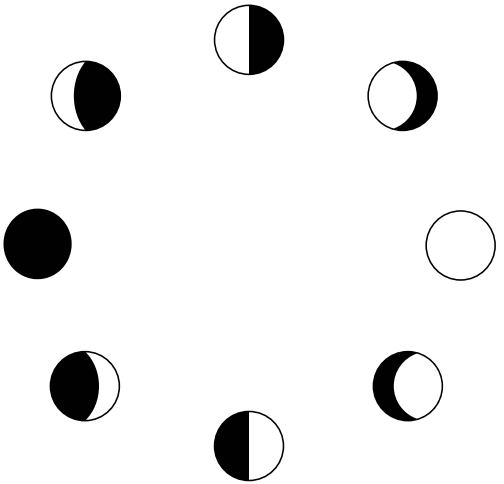


un revenu





le cycle lunaire





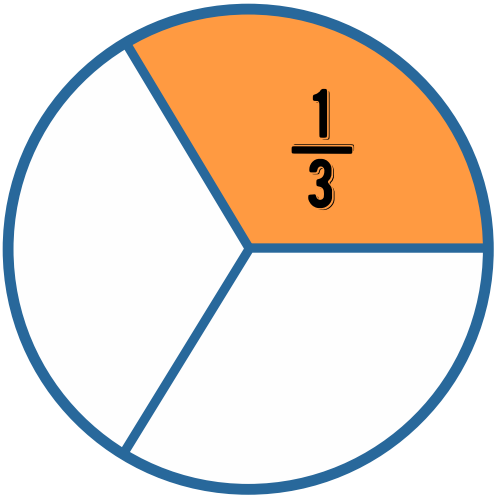
le soir



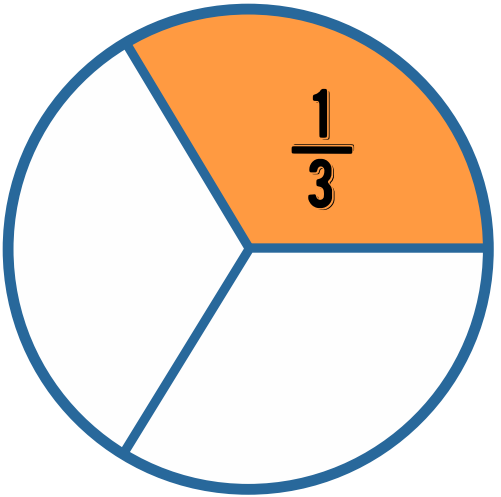
10 000

dix mille

10 000


1
3

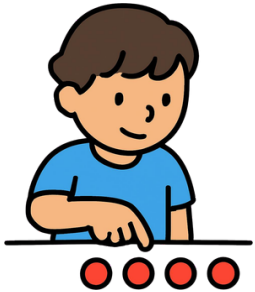
un tier



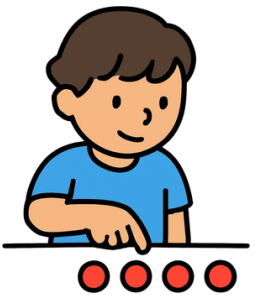


une analyse / analyser





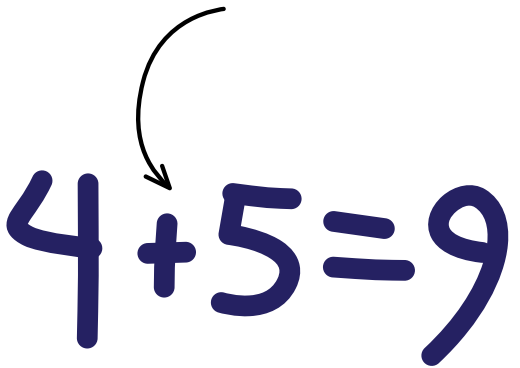
une correspondance biunivoque



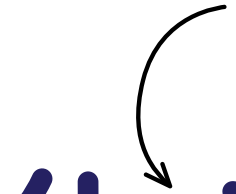


épargner

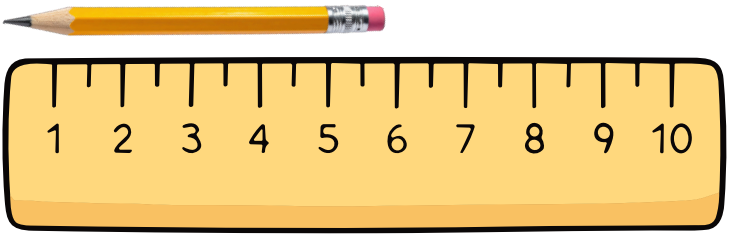


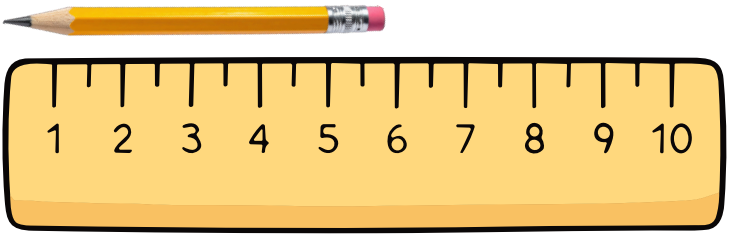

4+5=9

une addition /
additionner



4+5=9

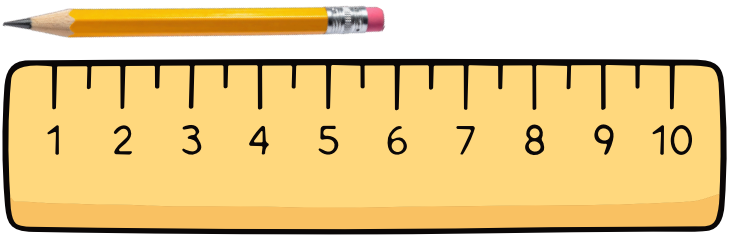

1 2 3 4 5 6 7 8 9 10



Le crayon mesure 5.97cm.

J'estime qu'il est 6 cm.

estimer



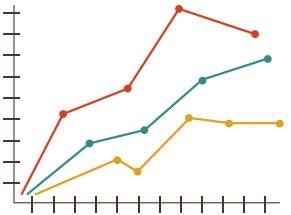
Le crayon mesure 5.97cm.

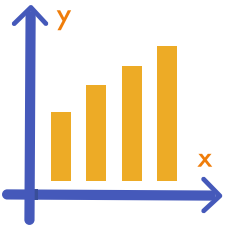
J'estime qu'il est 6 cm.

$$4 + 4 + 4$$

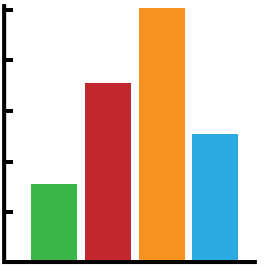
une addition répétée

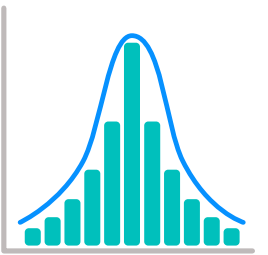
$$4 + 4 + 4$$

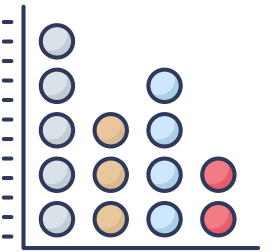



y
x

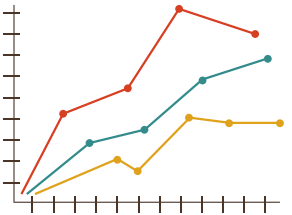


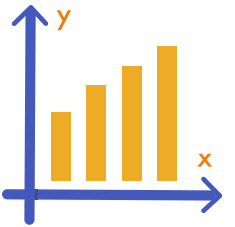




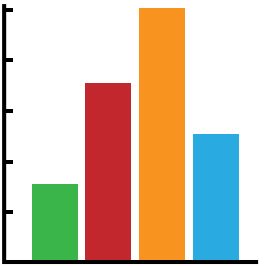


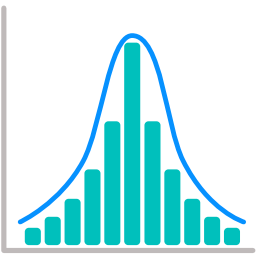
un graphique

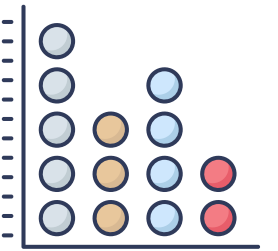


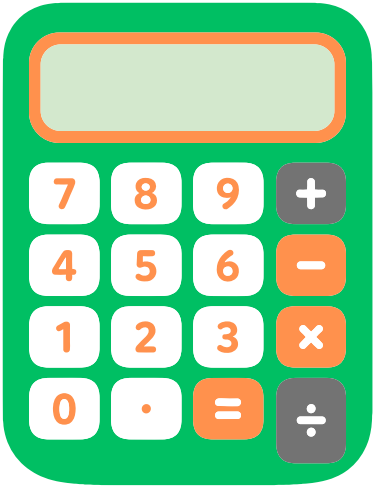




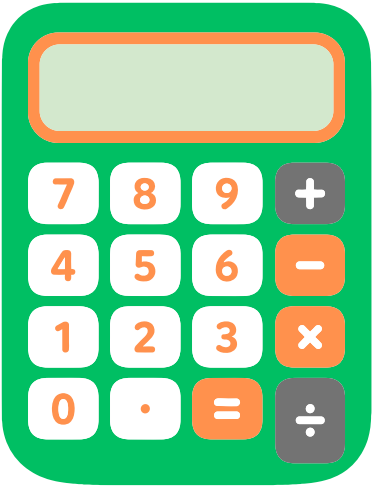


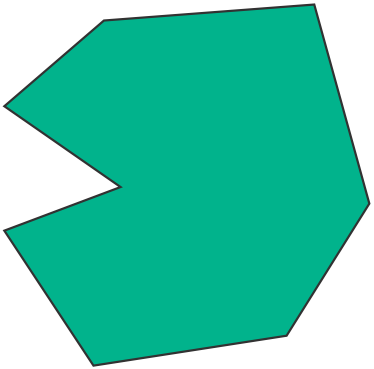


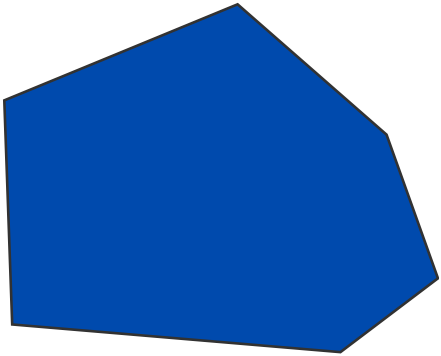



7
8
9
4
5
6
1
2
3
0

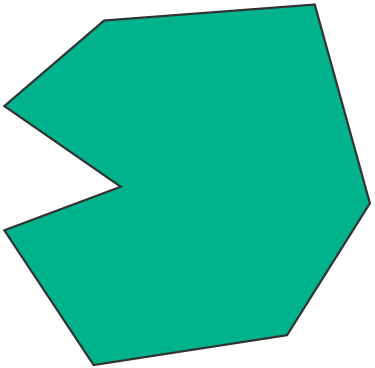
une calculatrice

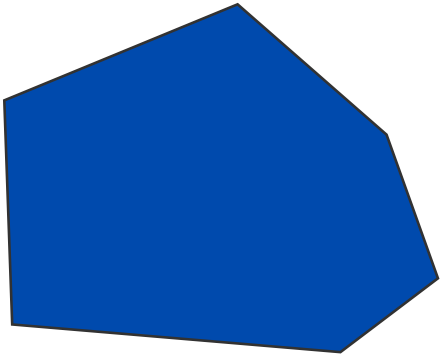






irrégulier






= 5
= 15

une correspondance multivoque



36 + 24 = 60 ✓

Parce que :

30 + 20 = 50

6 + 4 = 10

50 + 10 = 60

justifier

36 + 24 = 60 ✓

Parce que :

30 + 20 = 50

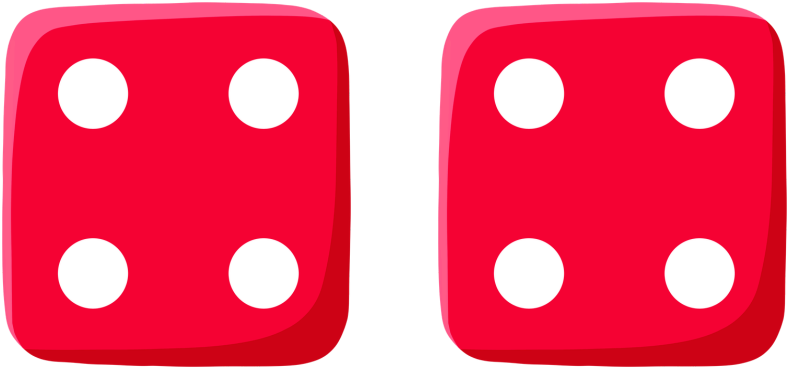
6 + 4 = 10

50 + 10 = 60

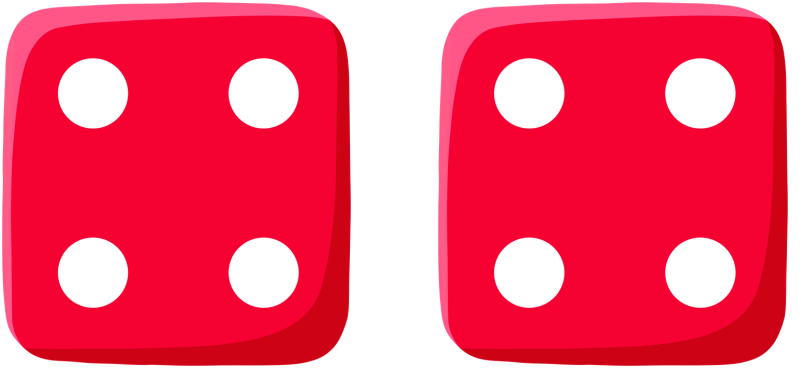


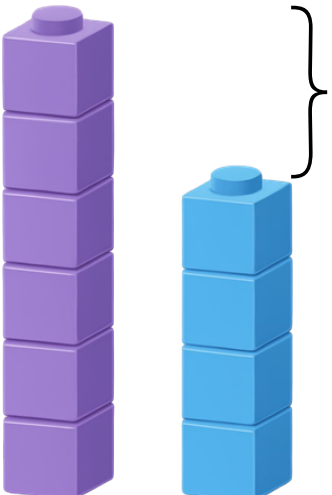
une dépense





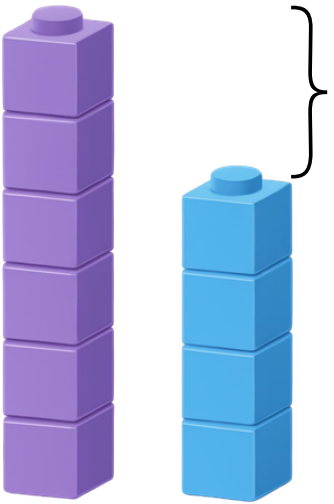
le double





$$6 - 4 = 2$$

une différence



$$6 - 4 = 2$$



le temps



$6 \div 3 = 2$

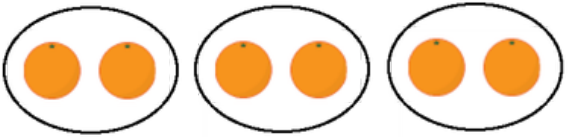
$$6\overline{)3}\quad 2$$

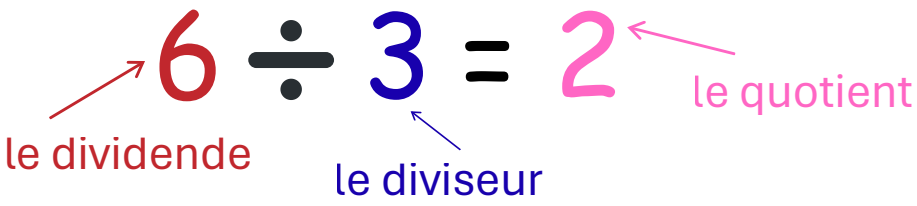


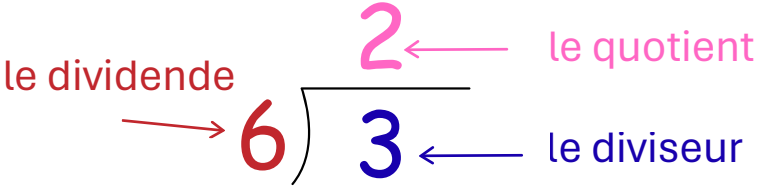
une division / diviser

$6 \div 3 = 2$

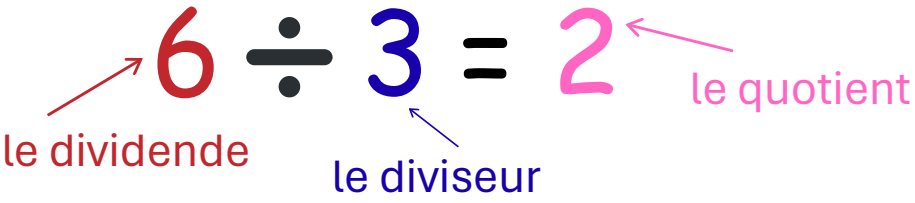
$$6\overline{)\,3}\quad 2$$

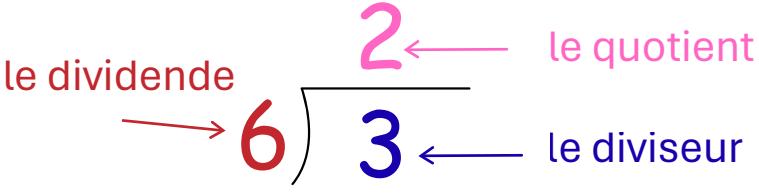



6 ÷ 3 = 2
le dividende
le diviseur
le quotient


le dividende
6
3
2
le quotient
le diviseur

la division


6 ÷ 3 = 2
le dividende
le diviseur
le quotient


le dividende
6
2
3
le quotient
le diviseur


3,3 mètres
3,3 mètres

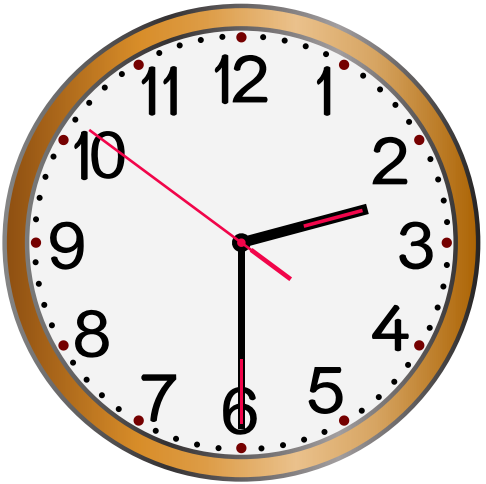
la même taille

3,3 mètres

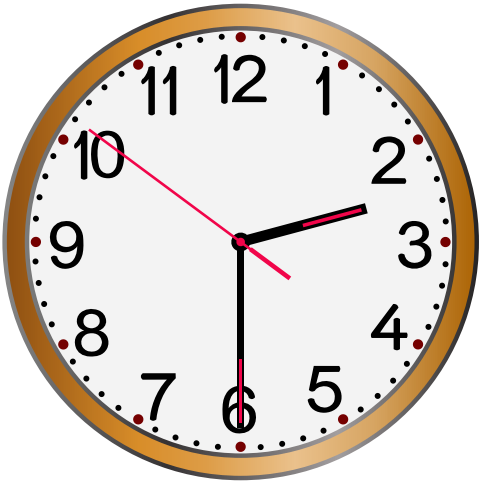




3,3 mètres


12
1
2
3
4
5
6
7
8
9
10
11

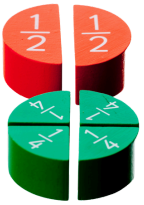
l'heure




0 1 2 3 4 5 6 7 6

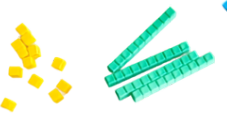
une droite numérique




1/2
1/2
1/4
1/4
1/4
1/4

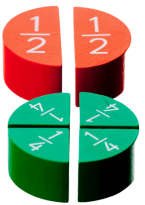






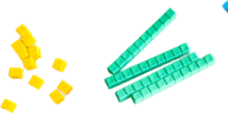


les objets de manipulation







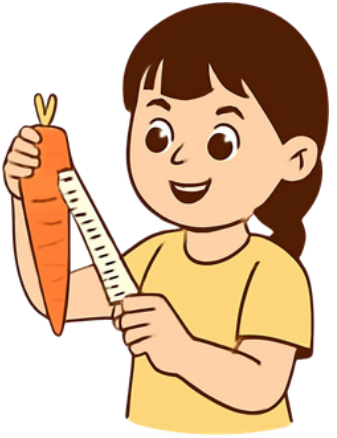






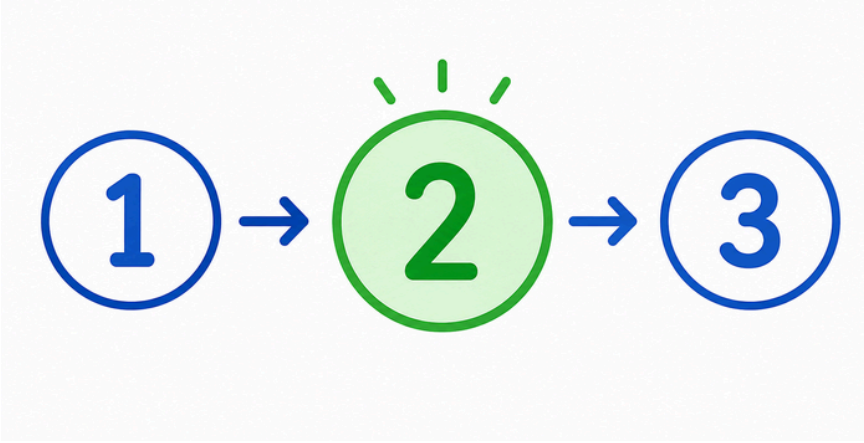
une épargne



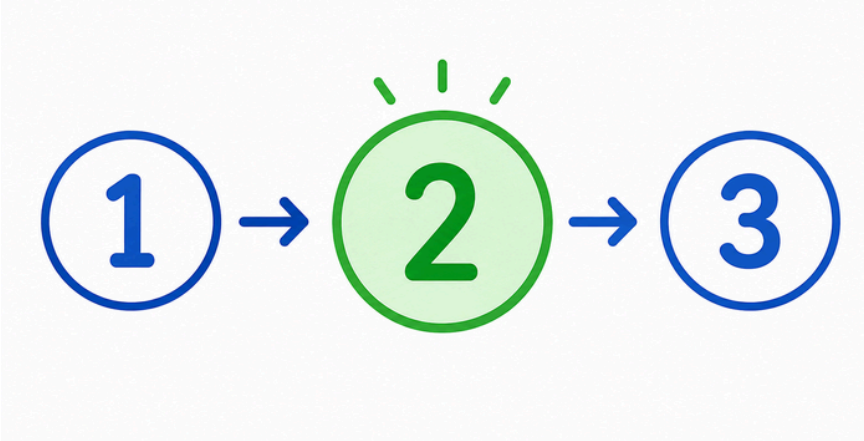


une mesure / mesurer




1
2
3

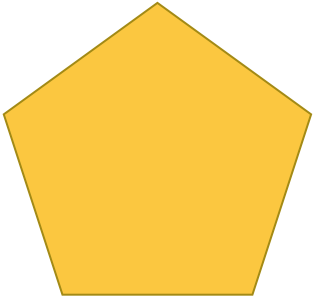
une étape



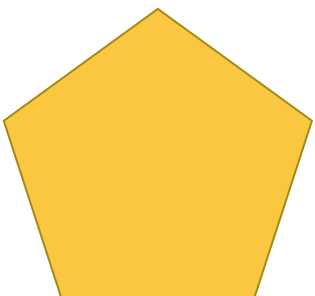
1 000

mille

1 000



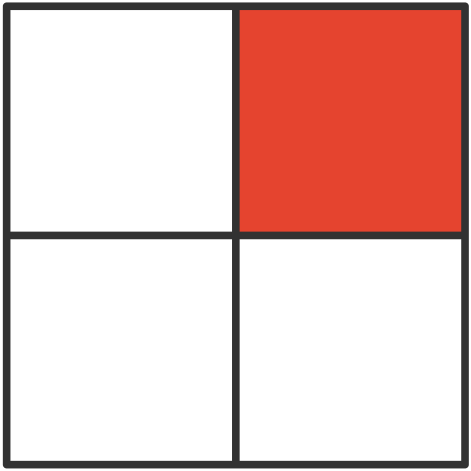
une figure
géométrique



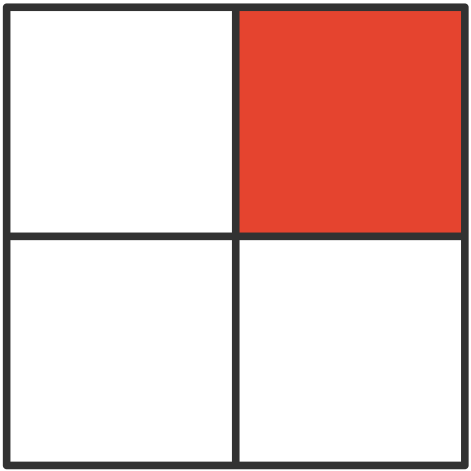


minuit





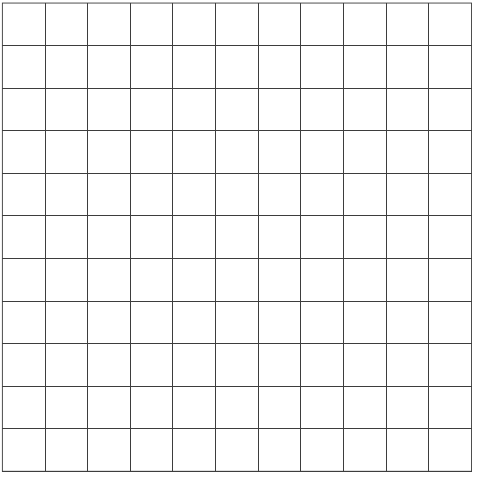
une fraction



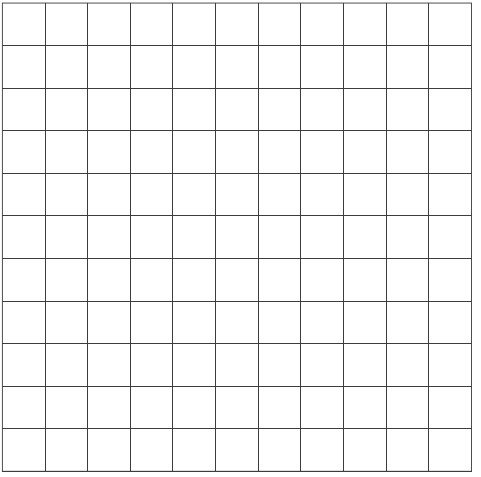


modéliser





une grille




12
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8
9
10
11

moins le quart



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

une grille de cent

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



0,86	5,96	0,14	8
0,35	5,62	0,11	1(
0,29	8,81	0,70	5
0,38	5,60	0,38	1(
0,87	8,41	0,95	9
0,87	6,75	0,28	
0,29	3,27	0,12	4
0,87	2,55	0,35	7
0,80	6,03	0,51	7
0,44	1,74	0,54	1(
0,93	9,67	0,67	7
0,52	9,93	0,61	7
0,40	2,63	0,01	4
0,46	1,51	0,66	1(
0,41	8,17	0,46	4
0,73	5,03	0,72	1(
0,66	4,10	0,85	7

des données



0,86	5,96	0,14	
0,35	5,62	0,11	1
0,29	8,81	0,70	
0,38	5,60	0,38	1
0,87	8,41	0,95	
0,87	6,75	0,28	
0,29	3,27	0,12	
0,87	2,55	0,35	
0,80	6,03	0,51	
0,44	1,74	0,54	1
0,93	9,67	0,67	
0,52	9,93	0,61	
0,40	2,63	0,01	
0,46	1,51	0,66	1
0,41	8,17	0,46	
0,73	5,03	0,72	1
0,66	4,10	0,85	


12
1
2
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5
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8
9
10
11


15:30

une horloge







en ordre décroissant




1 MIN

une minute





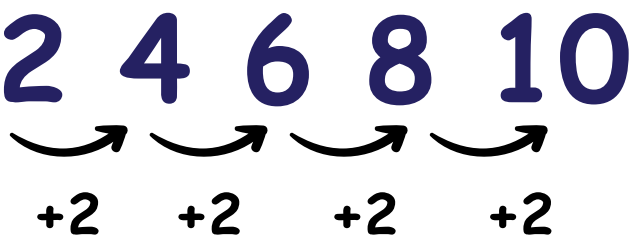
en ordre croissant



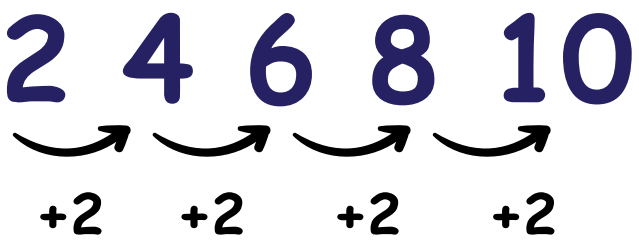


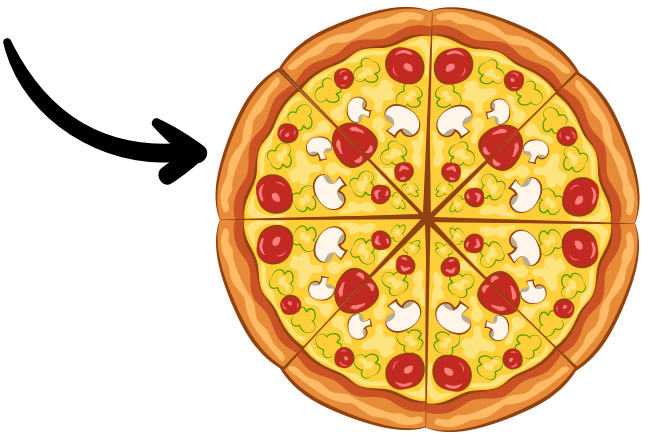
un commerce



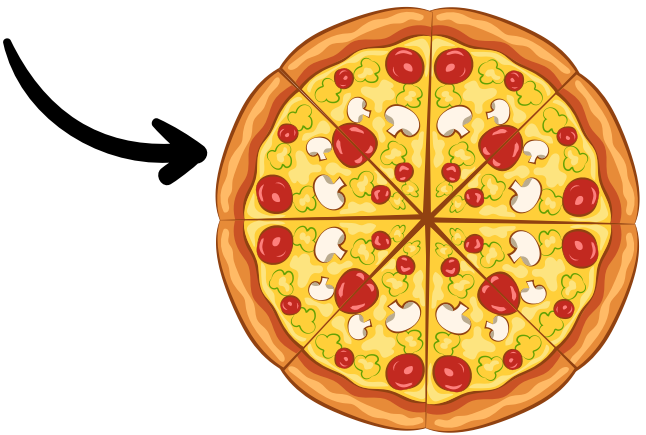

2 4 6 8 10
+2 +2 +2 +2

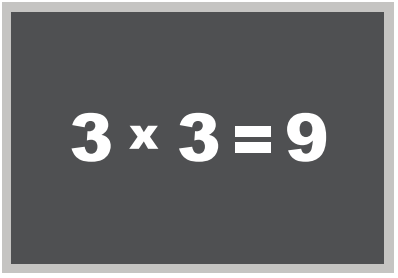
une régularité numérique



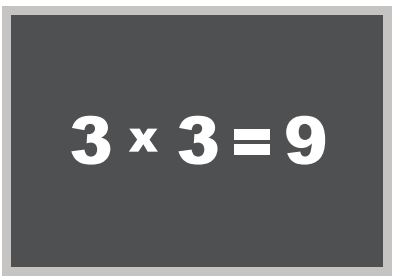


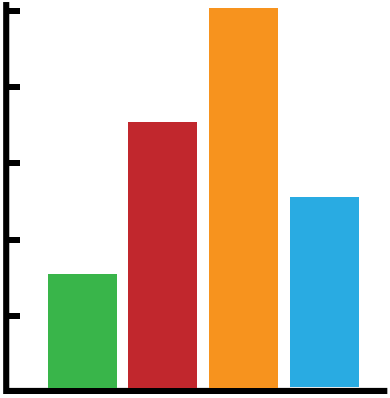
une part égale



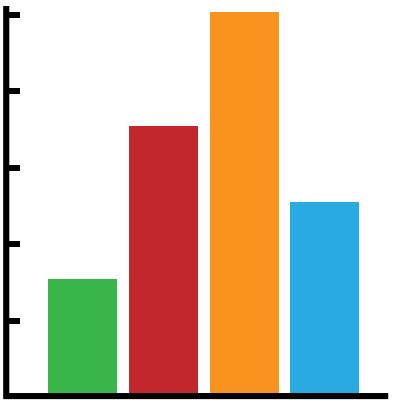

3 × 3 = 9

une multiplication / multiplier





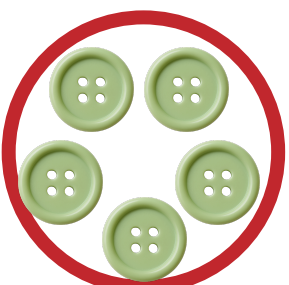
un diagramme à barres / à bandes



2 + 3 = 5





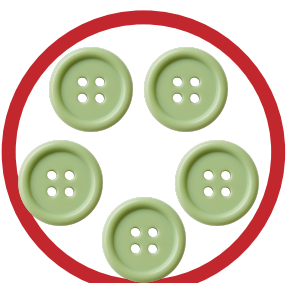


une somme

2 + 3 = 5

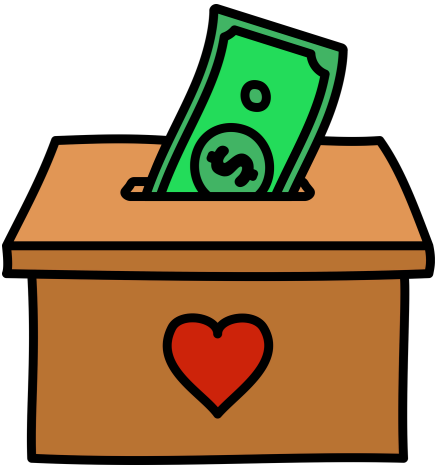


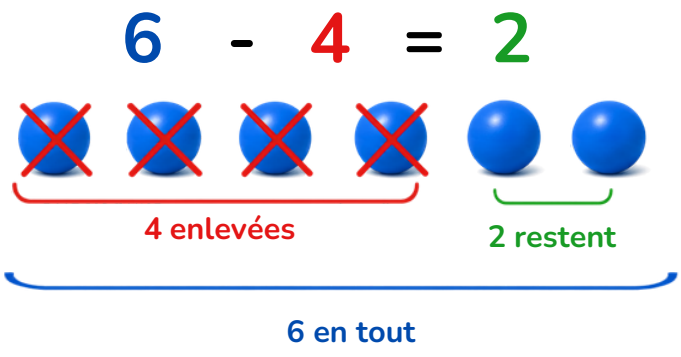






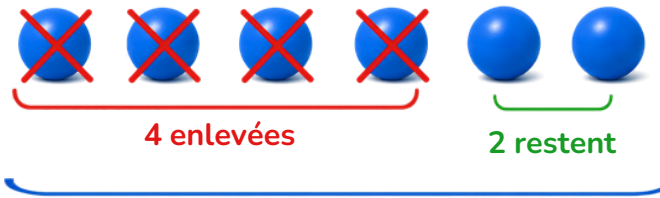
un don




6 - 4 = 2
4 enlevées
2 restent
6 en tout

une soustraction / soustraire

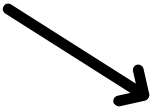
6 - 4 = 2



294 532 761



761 532 294



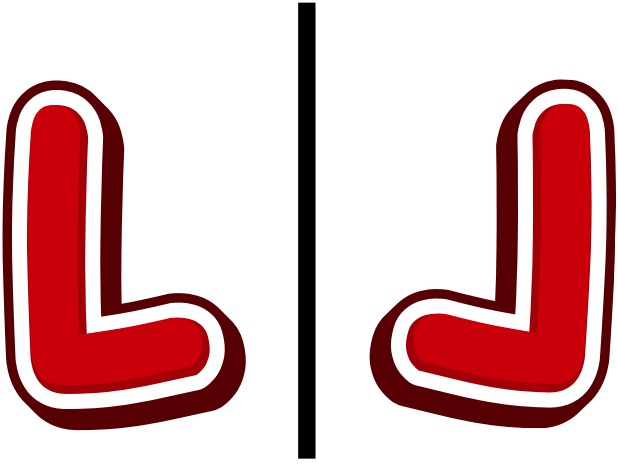
un ordre / ordonner

294 532 761

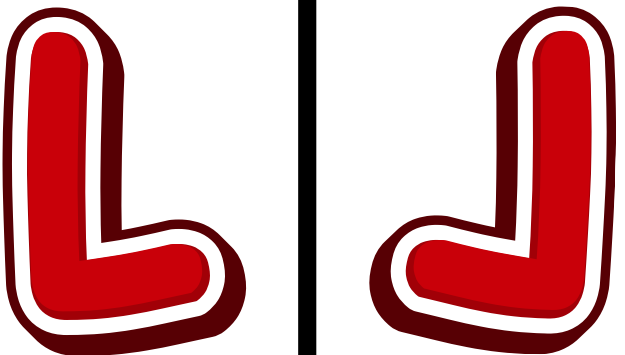


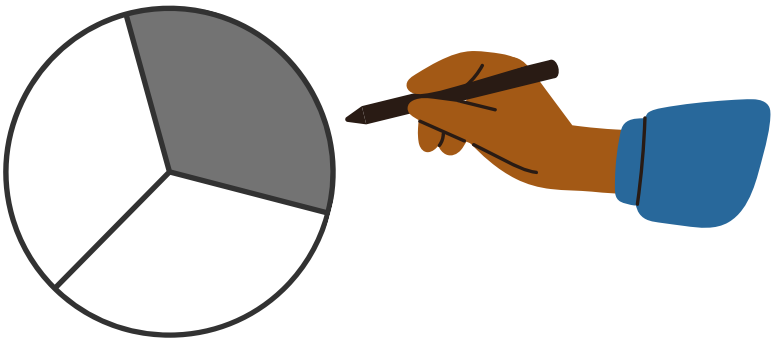
761 532 294



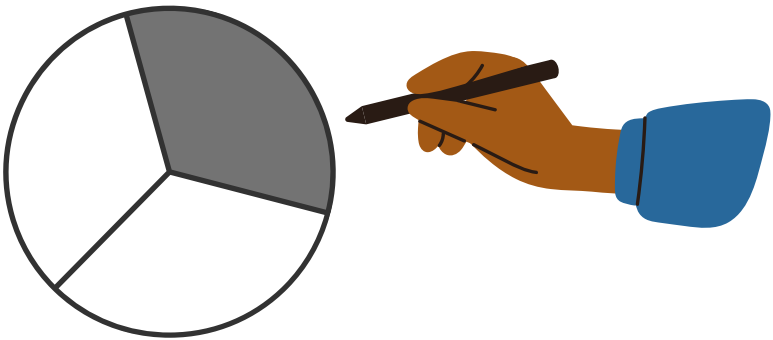


une réflexion





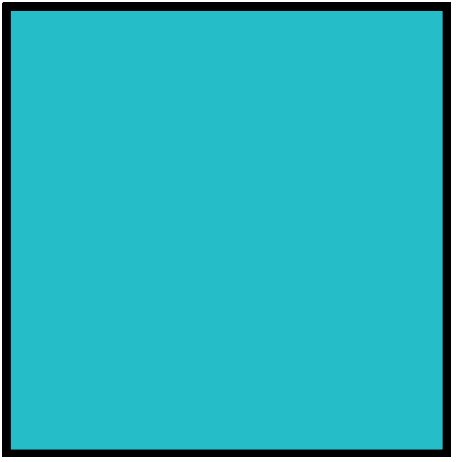
ombré



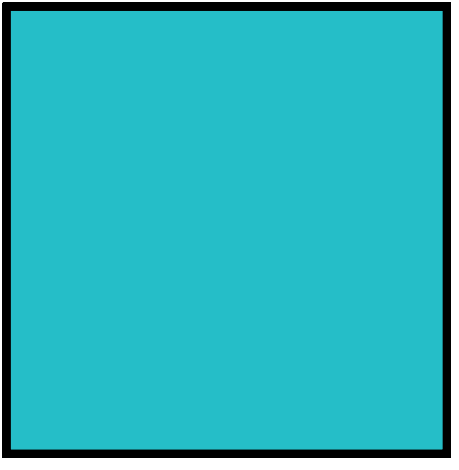

12
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11

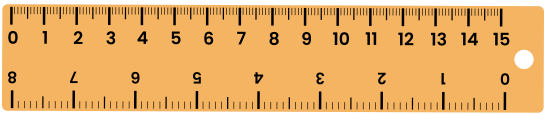
une horloge analogique



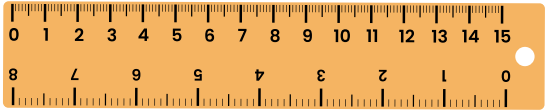


un carré




0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
8 7 6 5 4 3 2 1 0

une règle



5,32

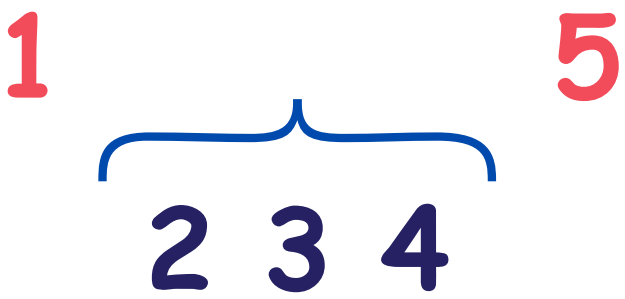
un nombre décimal

5,32

le numéro de la figure		nombre de carrés
1		3
2		5
3		7

une table graphique

le numéro de la figure		nombre de carrés
1		3
2		5
3		7

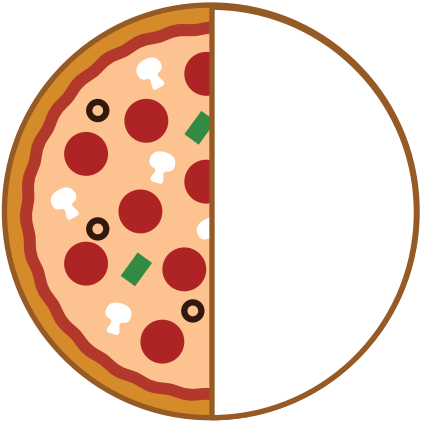

1
5
2 3 4

par intervalle

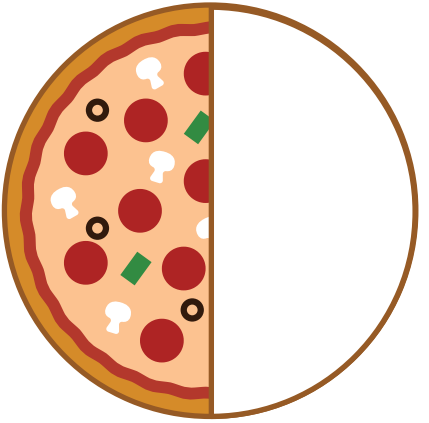
1 5



2 3 4



une moitié




7:00

le matin

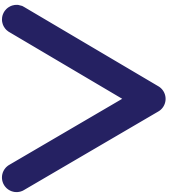


5 - 5 - 5

une soustraction répétée

5 - 5 - 5







plus grand que



>



$2 \times 4 = 8$

$7 - 2 = 5$

$12 \div 3 = 4$

$4 + 5 = 9$

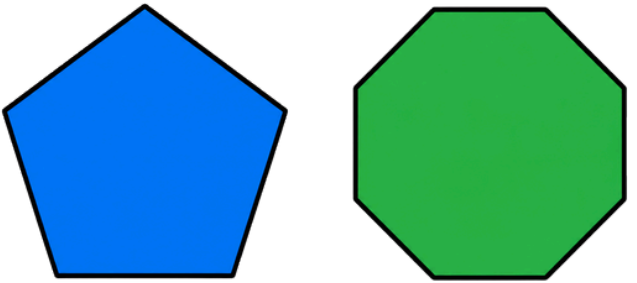
une opération

$2 \times 4 = 8$

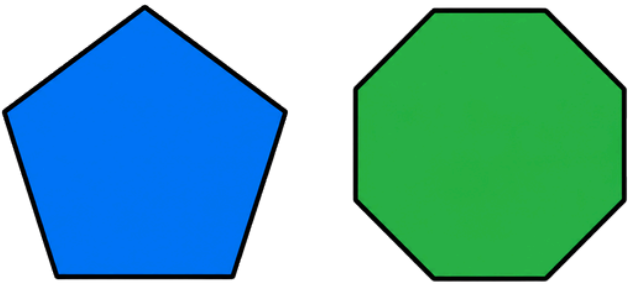
$7 - 2 = 5$

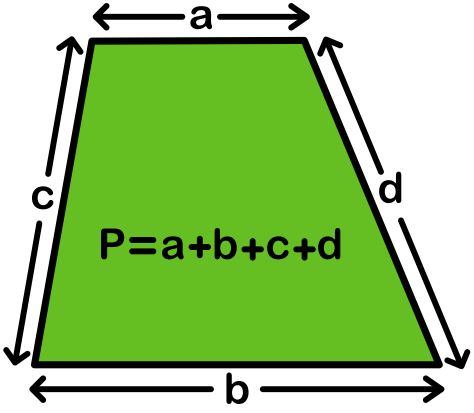
$12 \div 3 = 4$

$4 + 5 = 9$

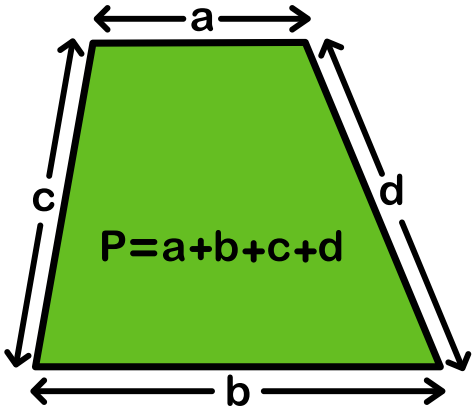


régulier




a
c
d
P=a+b+c+d
b

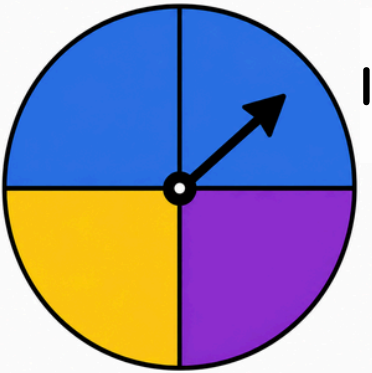
un périmètre





une mosaïque géométrique

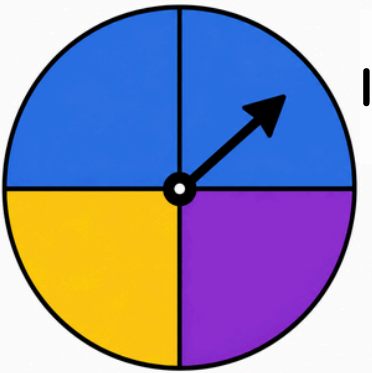




la probabilité de bleu

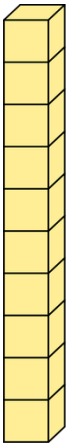
$$= \frac{2}{4} = \frac{1}{2}$$

une probabilité

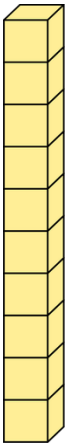


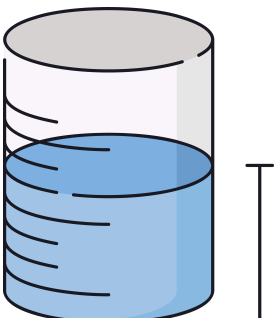
la probabilité de bleu

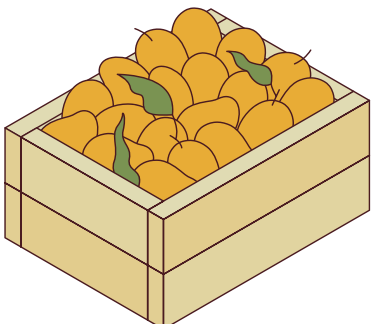
$$= \frac{2}{4} = \frac{1}{2}$$



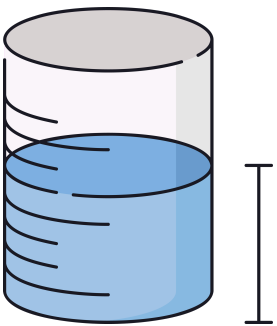
un bloc de base dix

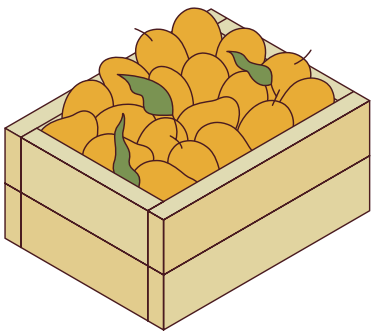






une quantité

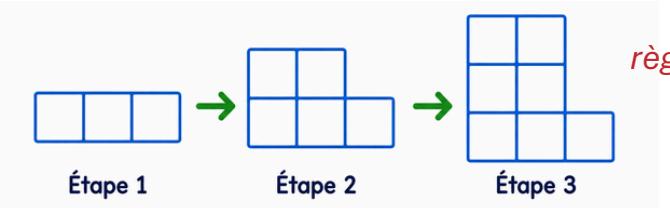





0 1 2 3
4 5 6
7 8 9

un chiffre

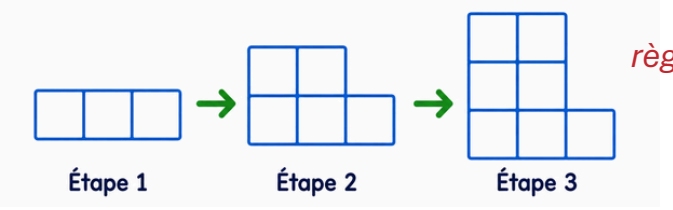




règle: ajouter 2

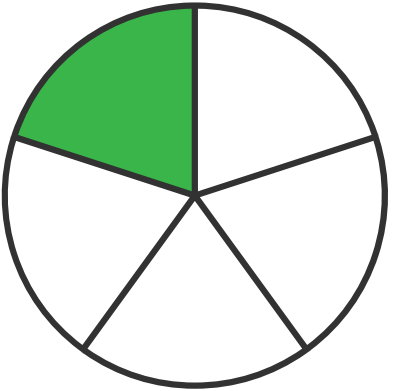
règle: multiplier par 2 2, 4, 8,16, 32

une règle de régularité



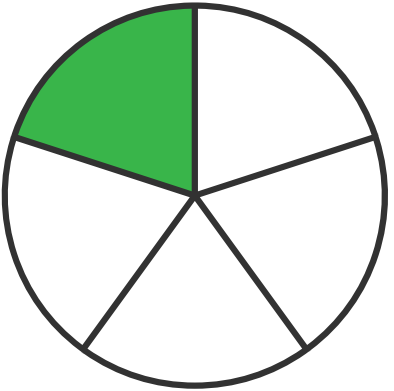
règle: ajouter 2

règle: multiplier par 2 2, 4, 8,16, 32





un cinquième







une régularité



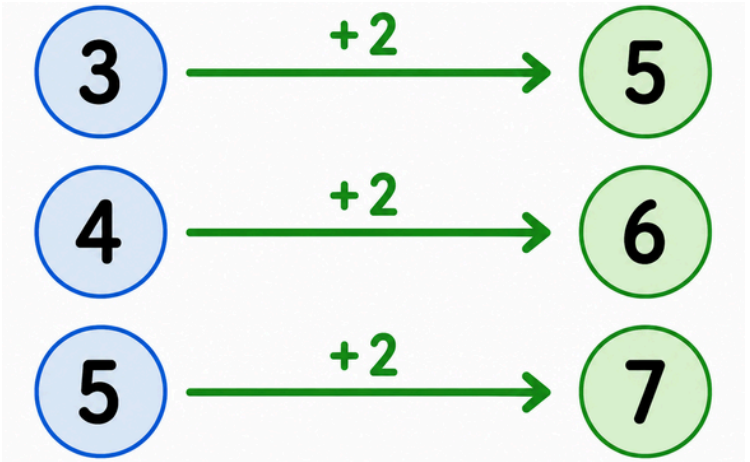
$$3 + 2 = 5$$

$$2 + 3 = 5$$

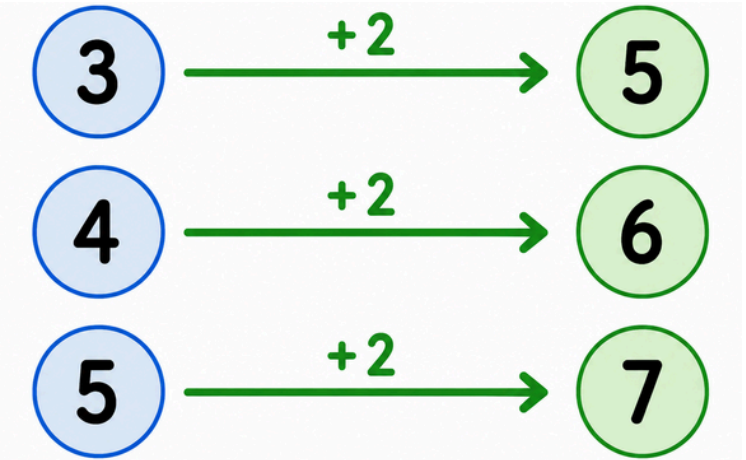
un concept de commutativité

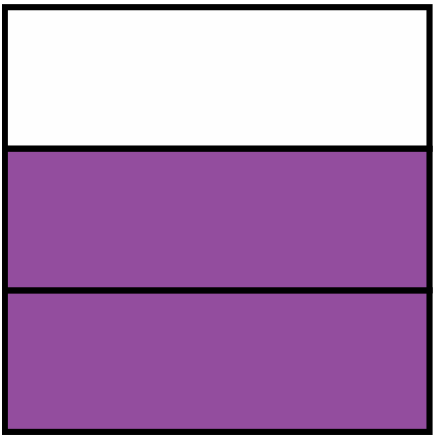
$$3 + 2 = 5$$

$$2 + 3 = 5$$


3
+2
5
4
+2
6
5
+2
7

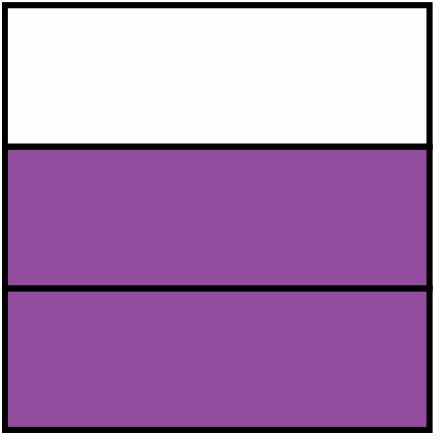
une relation



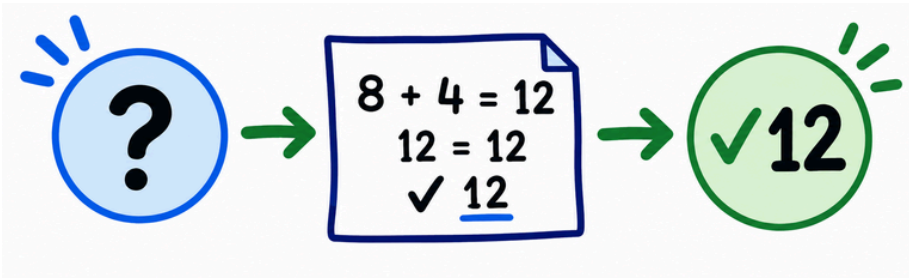


$\frac{1}{3}$

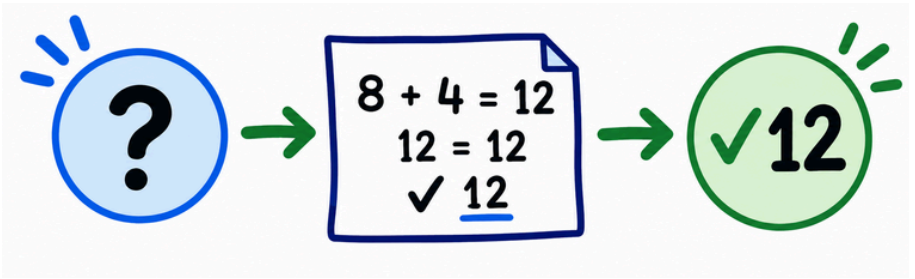
un dénominateur

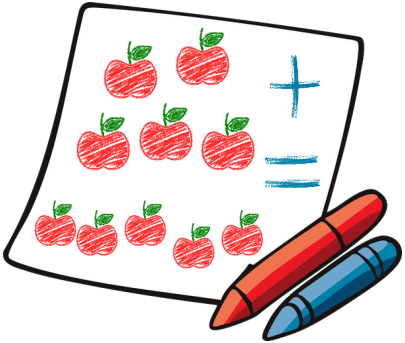


$$\frac{1}{3}$$

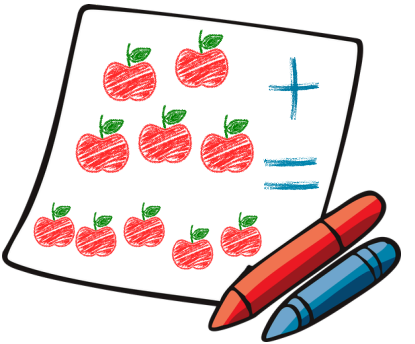

?
8 + 4 = 12
12 = 12
✓ 12
✓12

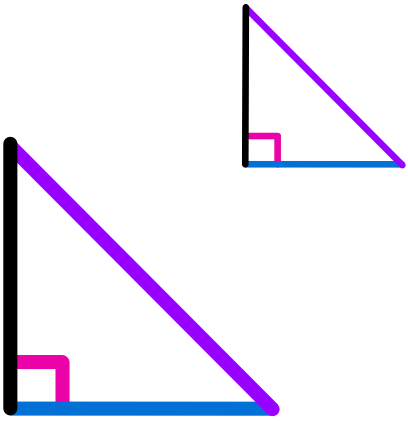
une résolution / résoudre



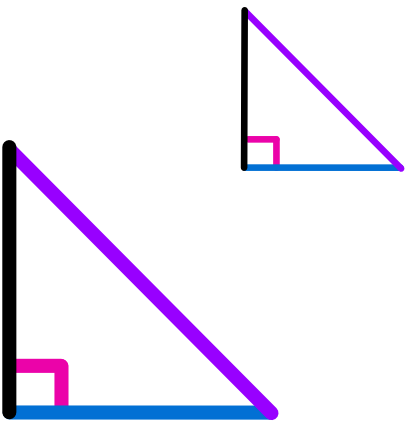


un dessin / dessiner





une ressemblance



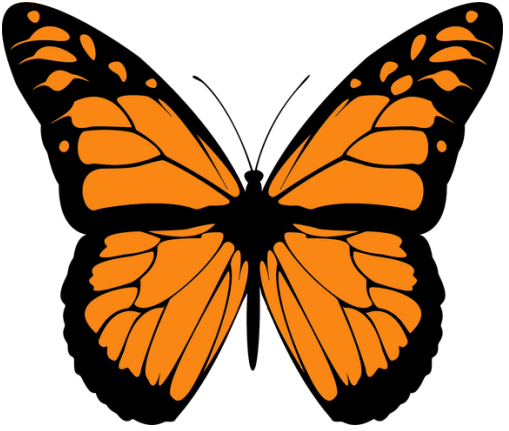


7$ + 5$ = 12$

un montant



7$ + 5$ = 12$



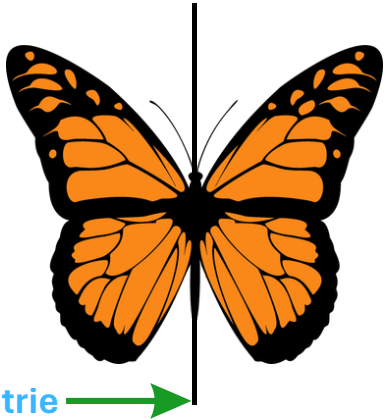
une symétrie





une mosaïque



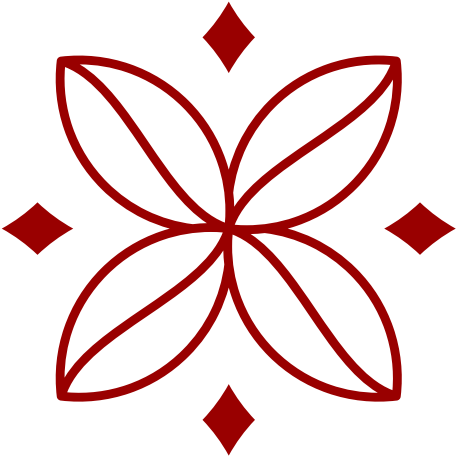


un axe de symétrie

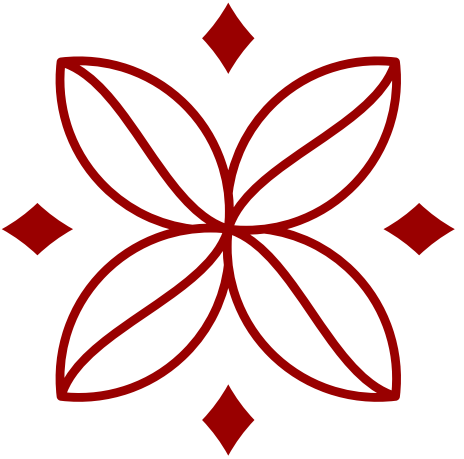
une symétrie linéaire



un axe de symétrie



un motif



entrée	sortie
1	2
2	4
3	6
4	8

une table

entrée	sortie
1	2
2	4
3	6
4	8



4





8







12



4





8







12

Le multiple est 4

un multiple


4



8




12

Le multiple est 4

	1	2	3	4	5	6	7	8	9	10
2	4	6	8	10	12	14	16	18	20	
3	6	9	12	15	18	21	24	27	30	
4	8	12	16	20	24	28	32	36	40	
5	10	15	20	25	30	35	40	45	50	
6	12	18	24	30	36	42	48	54	60	
7	14	21	28	35	42	49	56	63	70	
8	16	24	32	40	48	56	64	72	80	
9	18	27	36	45	54	63	72	81	90	
10	20	30	40	50	60	70	80	90	100	

une table de multiplication

	1	2	3	4	5	6	7	8	9	10
1		2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100


5
25
9
1
3,6
5,197
-5

un nombre entier

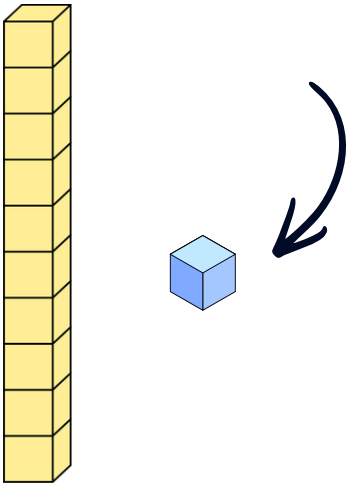
5

25

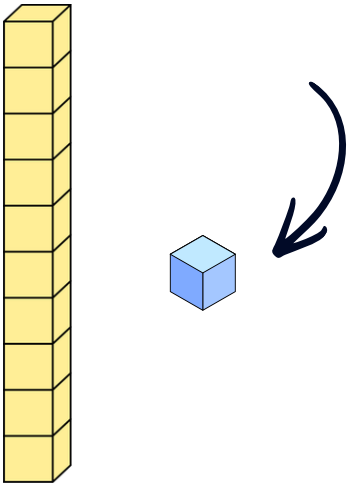
9

1





une unité





zéro





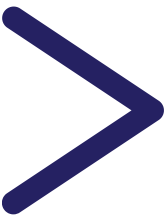
5 est le résultat unique car c'est la seule réponse possible.

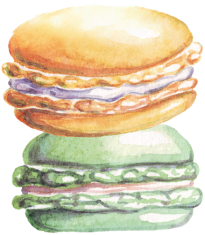
un résultat unique



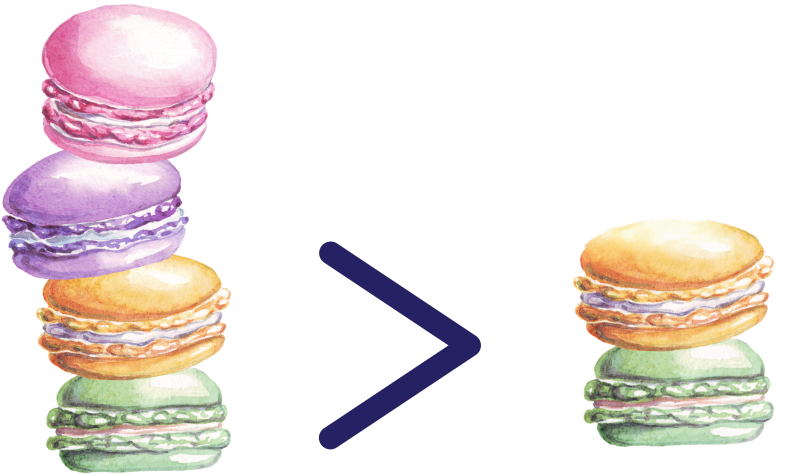
5 est le résultat unique car c'est la seule réponse possible.







plus que



$2 \times 4 = 8$

$7 - 2 = 5$

$12 \div 3 = 4$

$4 + 5 = 9$

une opération arithmétique

$2 \times 4 = 8$

$7 - 2 = 5$

$12 \div 3 = 4$

$4 + 5 = 9$

4 732

quatre mille sept cent trente-deux

un nombre

4 732

quatre mille sept cent trente-deux

Dizaines de mille	Unités de mille	Centaines	Dizaines	Unités	Dixièmes
Dmi	Umi	C	D	U	d

3 = 3 000

5 = 500

8 = 80

6 = 6

une table de valeur de position

Dizaines de mille	Unités de mille	Centaines	Dizaines	Unités	Dixièmes
Dmi	Umi	C	D	U	d

3 = 3 000

5 = 500

8 = 80

6 = 6


12:00



midi





$$2 \times 5 = 10$$

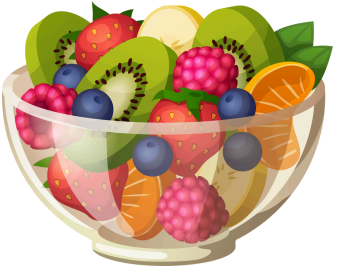
une équation

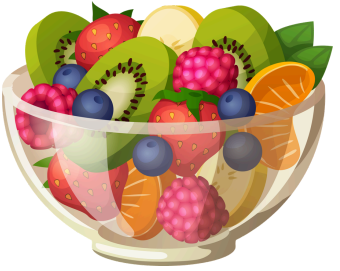
$$2 \times 5 = 10$$



un dé

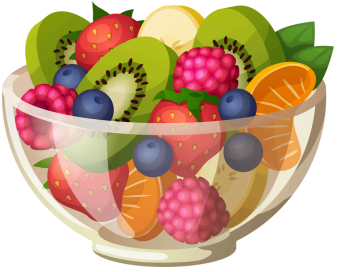




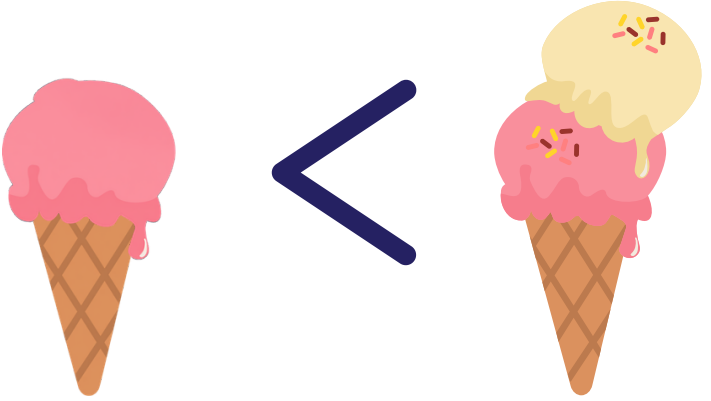


Il y a environ 20 morceaux de fruits.

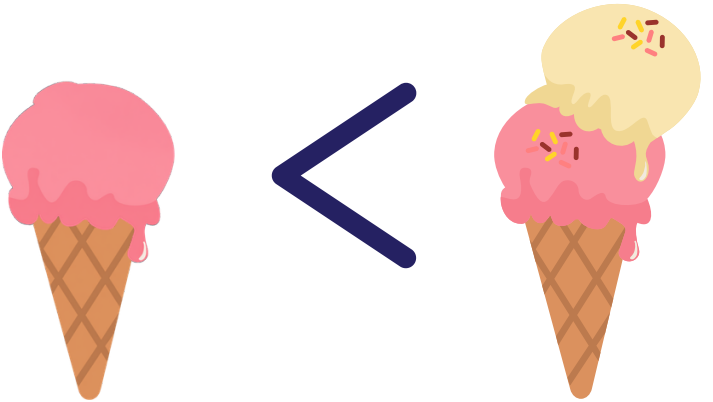
une estimation

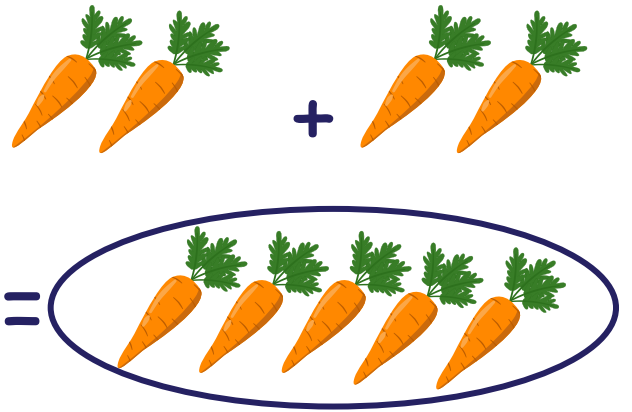


Il y a environ 20 morceaux de fruits.

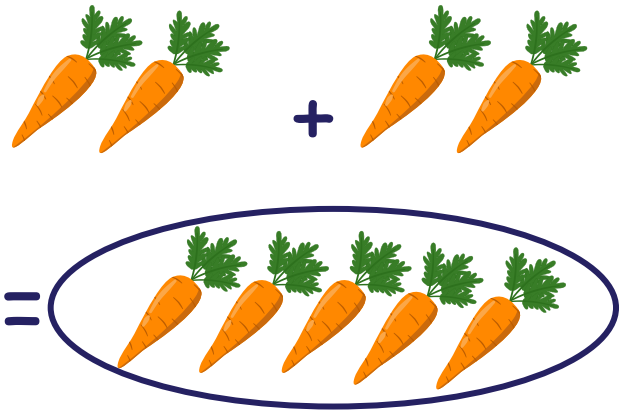


moins que





le total



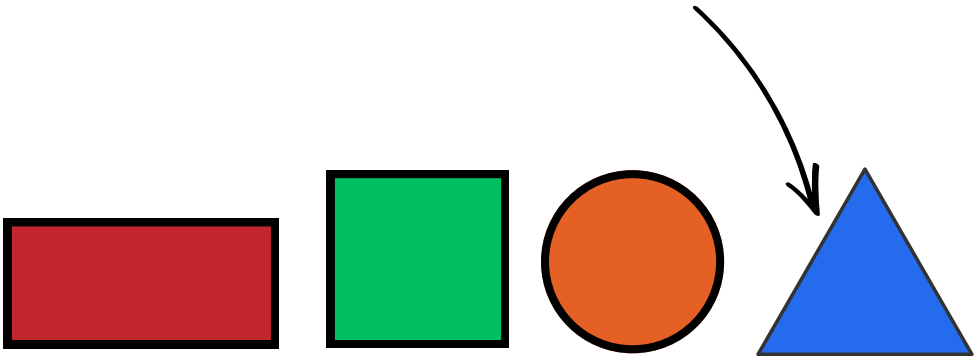


3 → 6 → 9 → 12 → ?

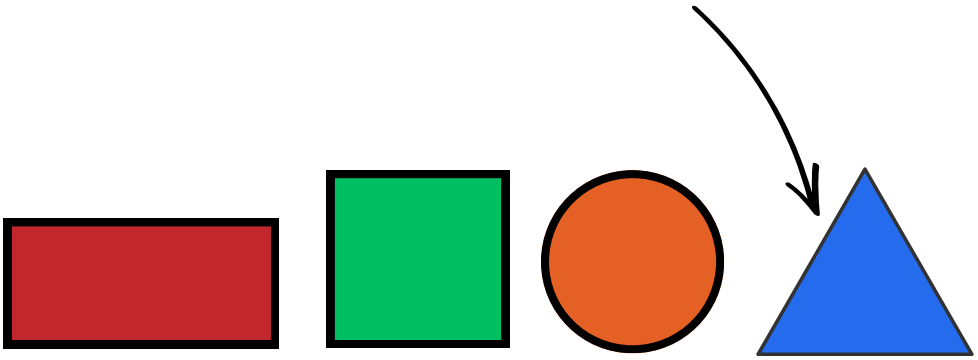
prédire / une prédiction



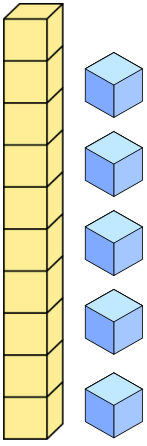
3 → 6 → 9 → 12 → ?

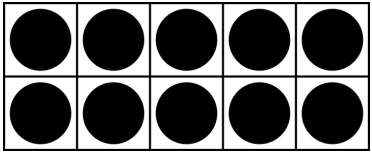


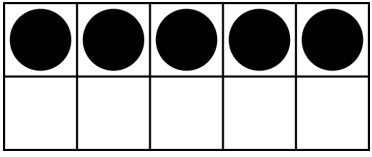
une figure



15

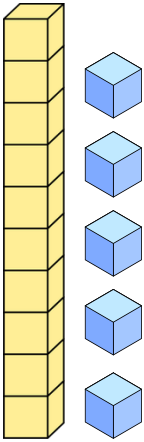


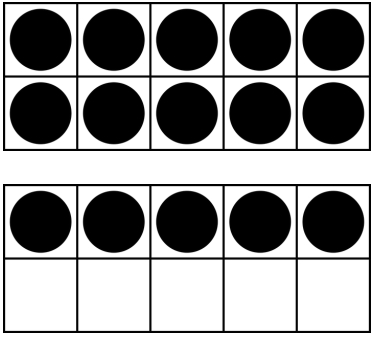




représenter

15







une portion





3 + 2

= 5

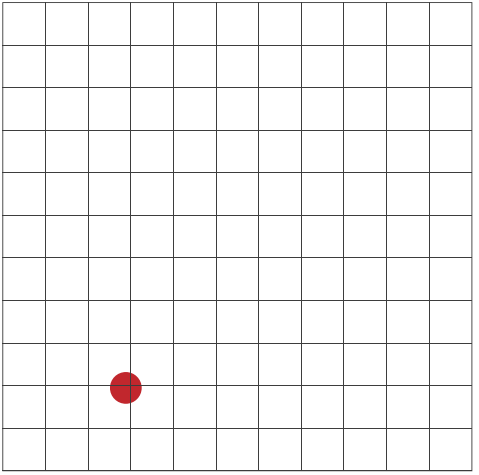
symbolique



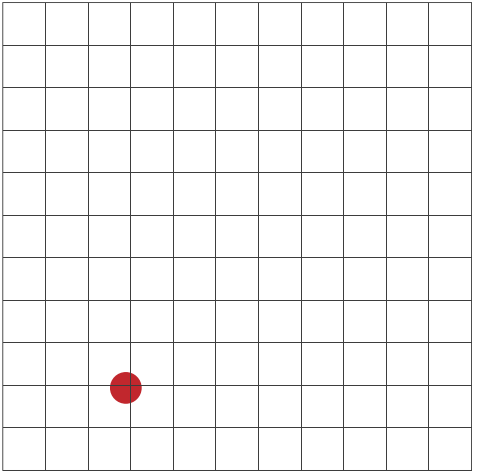


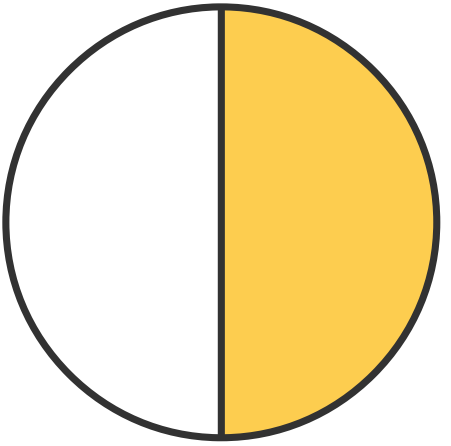
$= 5$

$\longrightarrow 3 + 2$



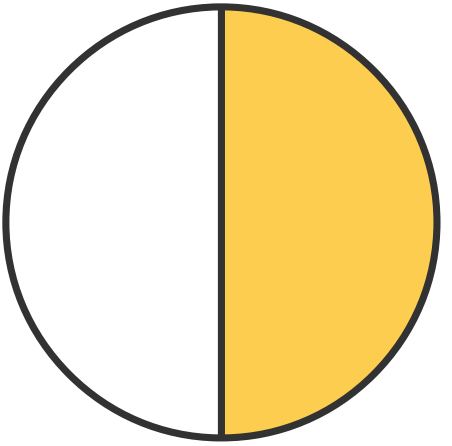
une position





$\frac{1}{2}$

un demi



$\frac{1}{2}$

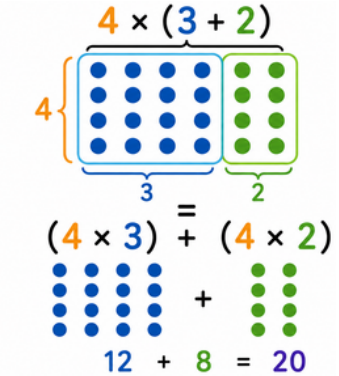
50% fromage
25% légumes
25% pepperoni



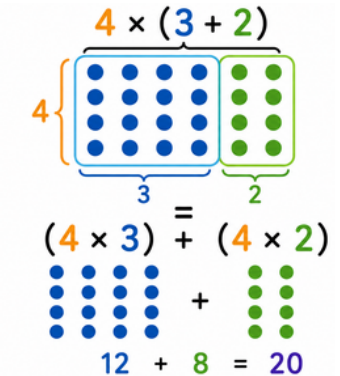
une représentation graphique

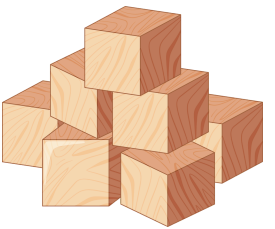
50% fromage
25% légumes
25% pepperoni




4 × (3 + 2)
4
3
2
=
(4 × 3) + (4 × 2)
+
12 + 8 = 20

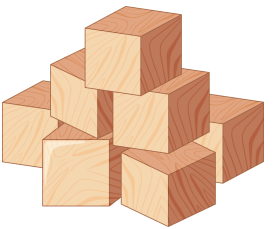
un concept de distributivité



7 = 

Montrer une idée mathématique à l'aide d'objets réels ou manipulables

une représentation concrète

7 = 

Montrer une idée mathématique à l'aide d'objets réels ou manipulables

5,25 $ + 3,50 $ = 8,75 $





un calcul monétaire

5,25 $ + 3,50 $ = 8,75 $





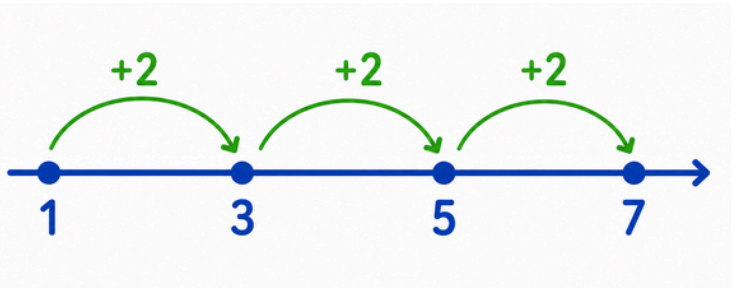




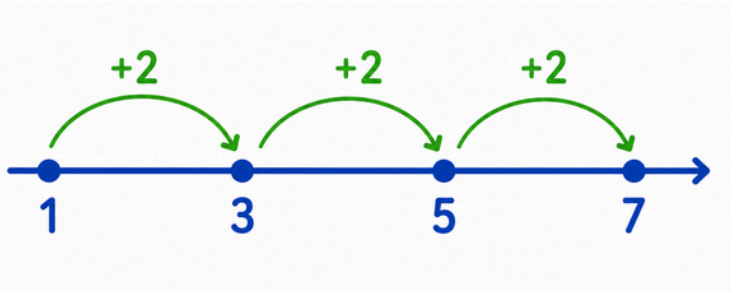


une récurrence

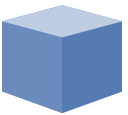



+2
+2
+2
1
3
5
7

un modèle linéaire



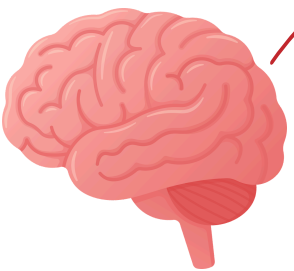







1 2 3 4 5

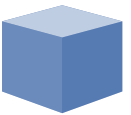

0 1 2 3 4 5 6 7 6





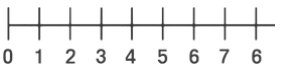
une stratégie

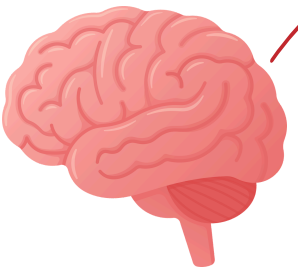














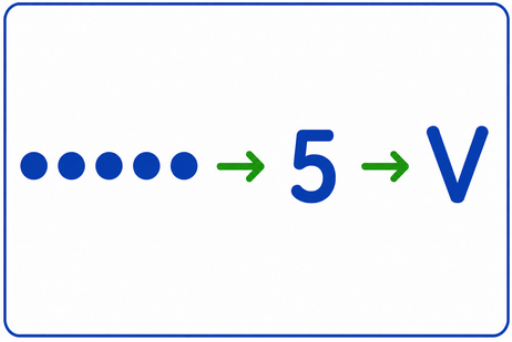


La valeur de 4 est 400

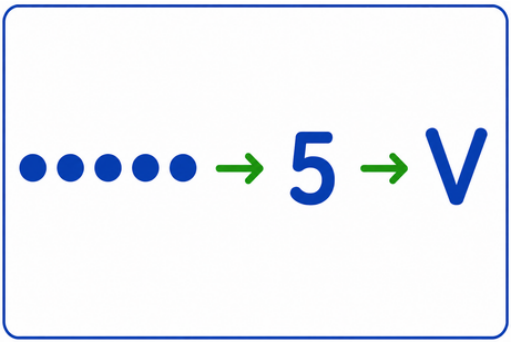
une valeur

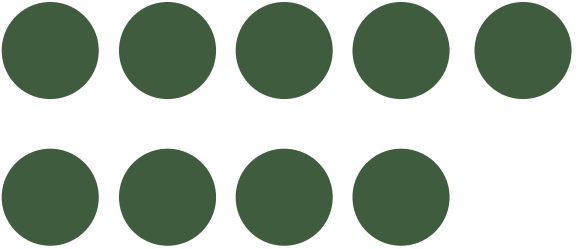


La valeur de 4 est 400

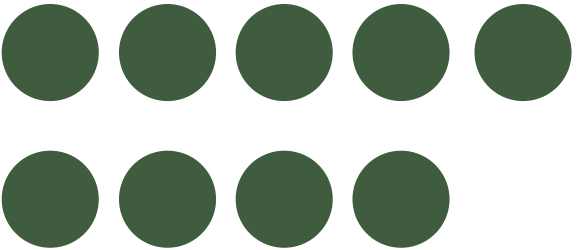

5
V

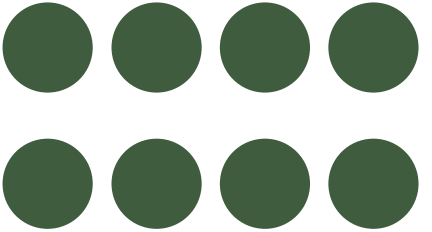
un système numérique



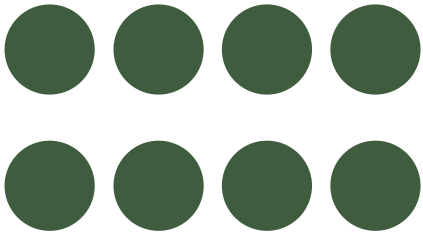


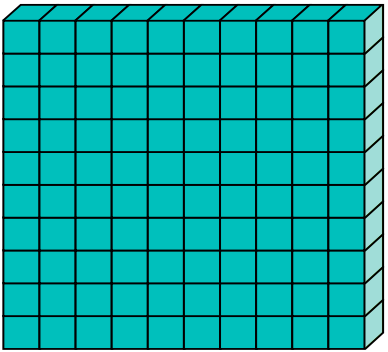
un nombre impair



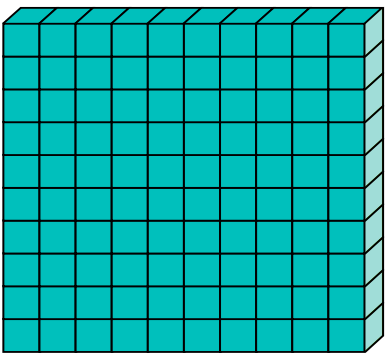


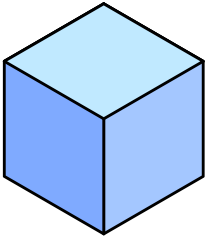
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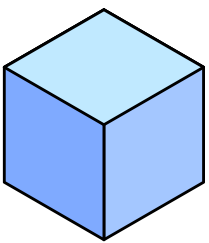


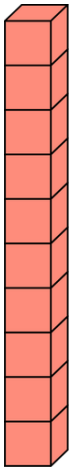
une planchette



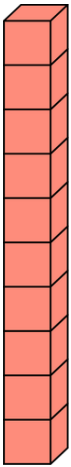


un cube-unité





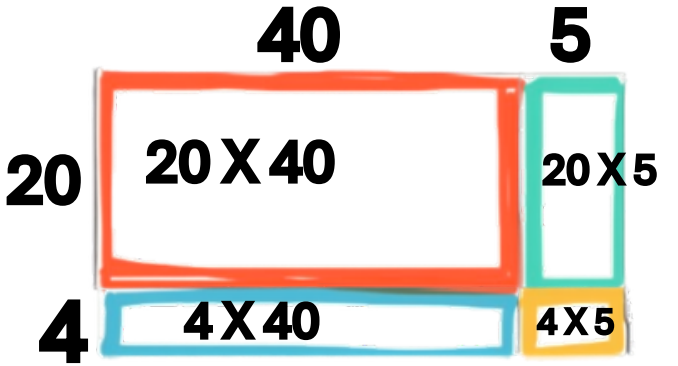
un bâtonnet



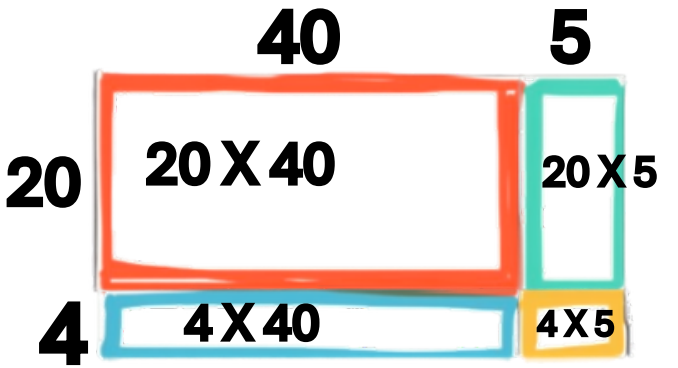

4,1

dixièmes



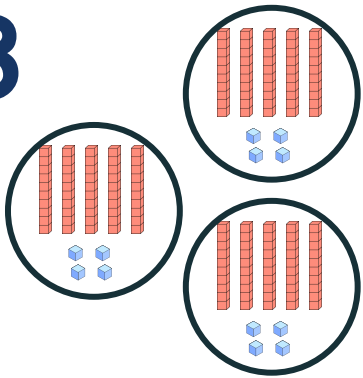

40
5
20
20 X 40
20 X 5
4
4 X 40
4 X 5

un modèle d'aire



162 ÷ 3

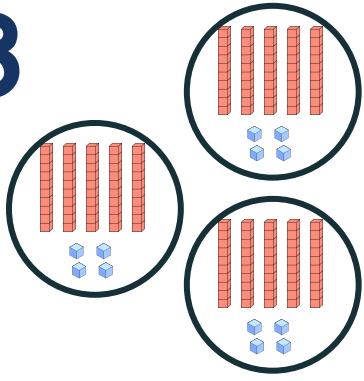
3	162	50
	150	
	12	4



la méthode du quotient partiel

162 ÷ 3

3	162	50
	150	
	12	4

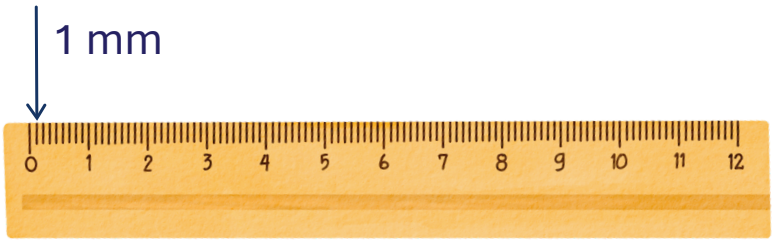




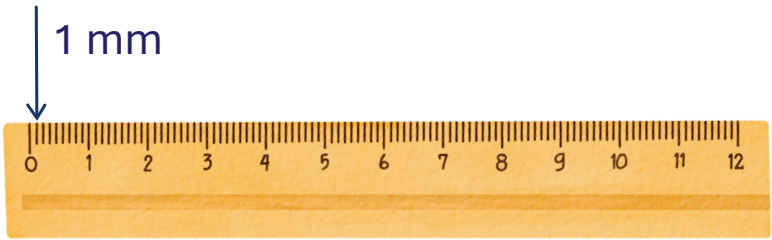
des réglettes

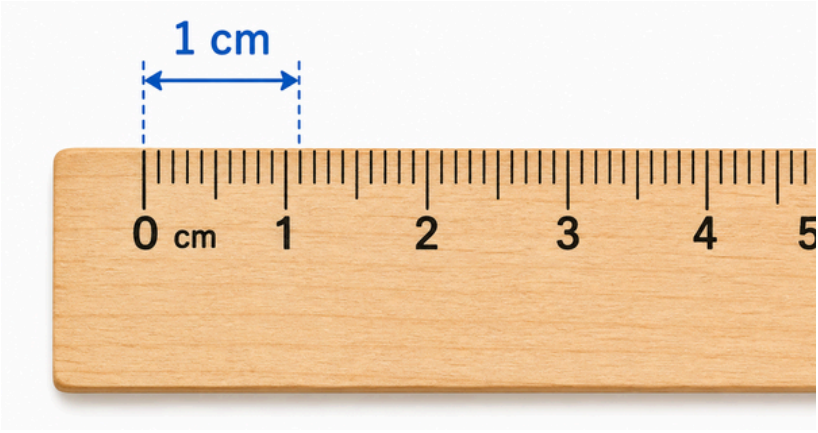


image de *Spectrum Educational Supplies*

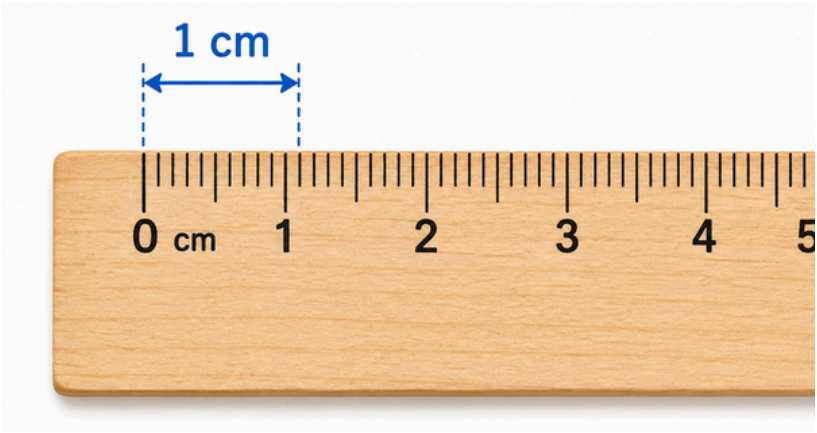

1 mm
0 1 2 3 4 5 6 7 8 9 10 11 12

un millimètre




1 cm
0 cm
1
2
3
4
5

un centimètre



un cercle

