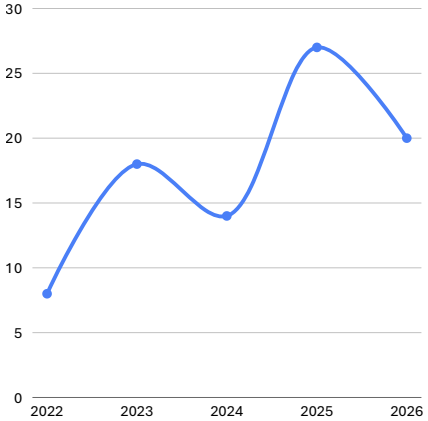
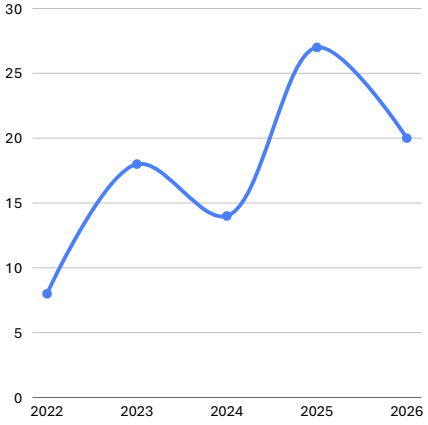
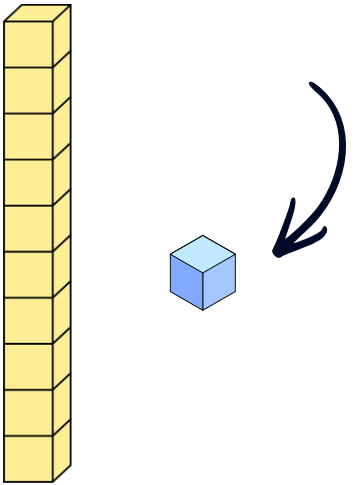
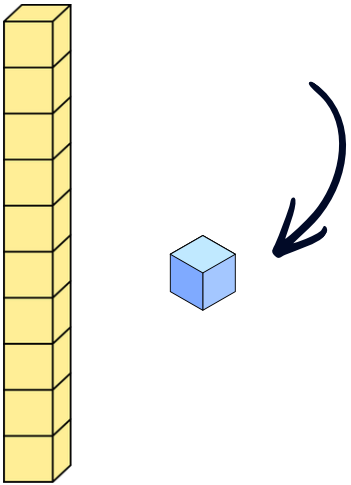

30
25
20
15
10
5
0
2022
2023
2024
2025
2026

une annexe / annexer





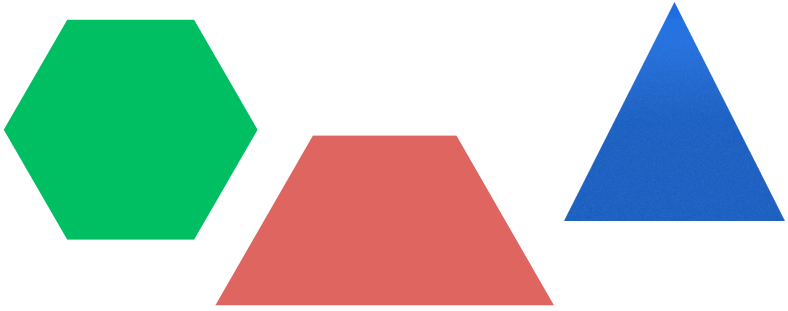
une unité



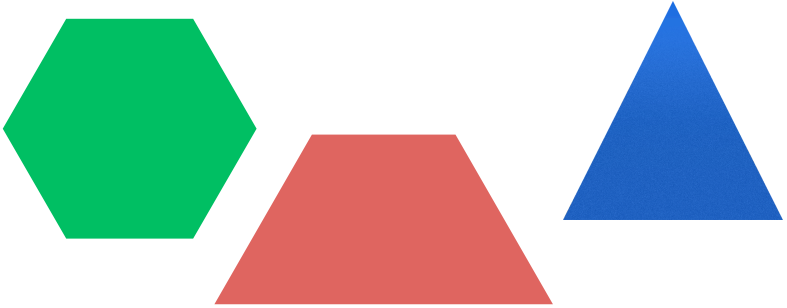
100 000

cent mille

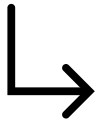
100 000



une figure géométrique fermée



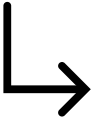
475 860



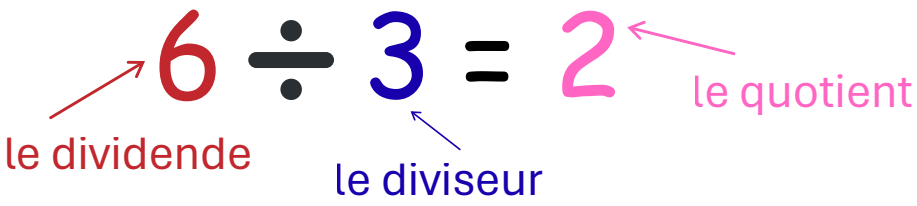
400 000

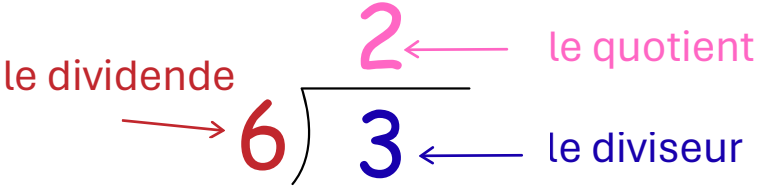
centaines de milliers

475 860

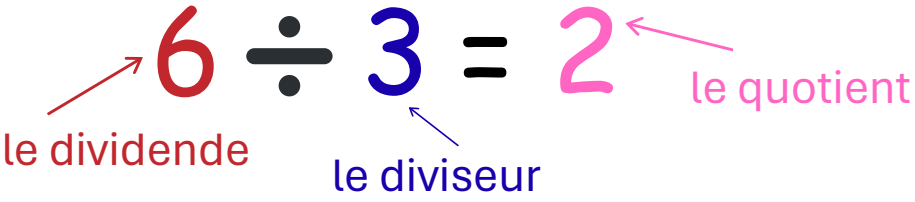


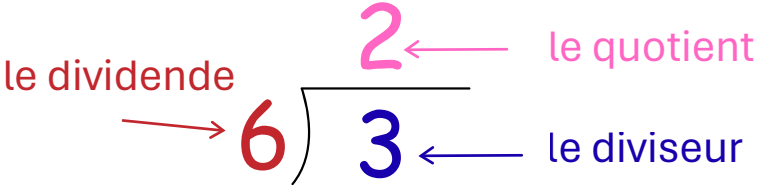
400 000

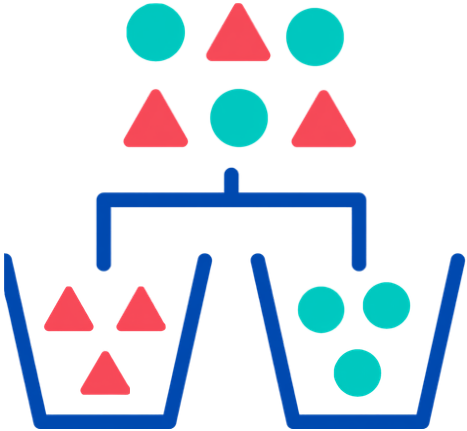

6 ÷ 3 = 2
le dividende
le diviseur
le quotient


le dividende
6
3
2
le quotient
le diviseur

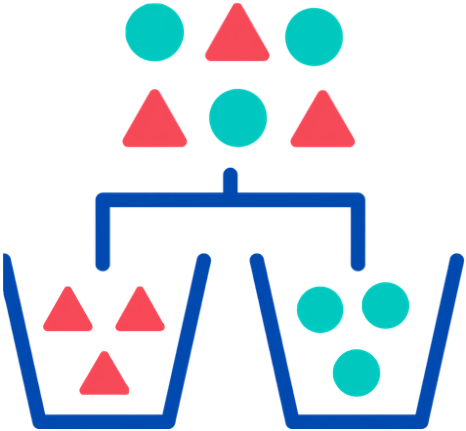
la division


6 ÷ 3 = 2
le dividende
le diviseur
le quotient


le dividende
6
2
3
le quotient
le diviseur



classer



$2 \times 4 = 8$

$7 - 2 = 5$

$12 \div 3 = 4$

$4 + 5 = 9$

une opération

$2 \times 4 = 8$

$7 - 2 = 5$

$12 \div 3 = 4$

$4 + 5 = 9$





comparer / une comparaison

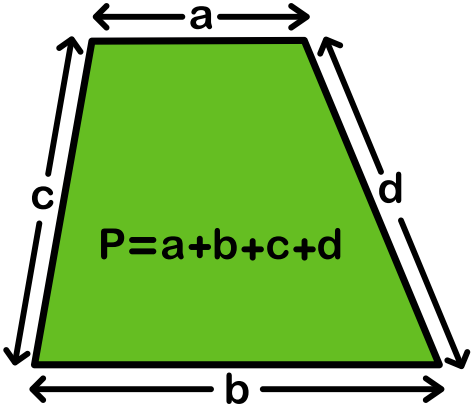




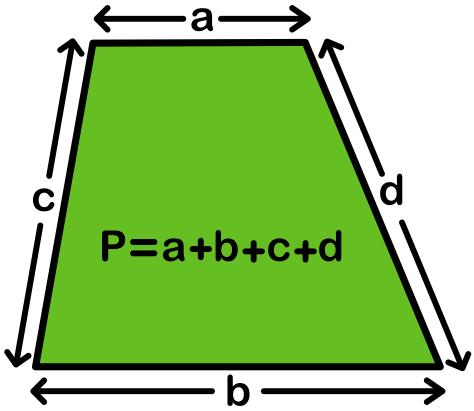

1
2
3
4
5

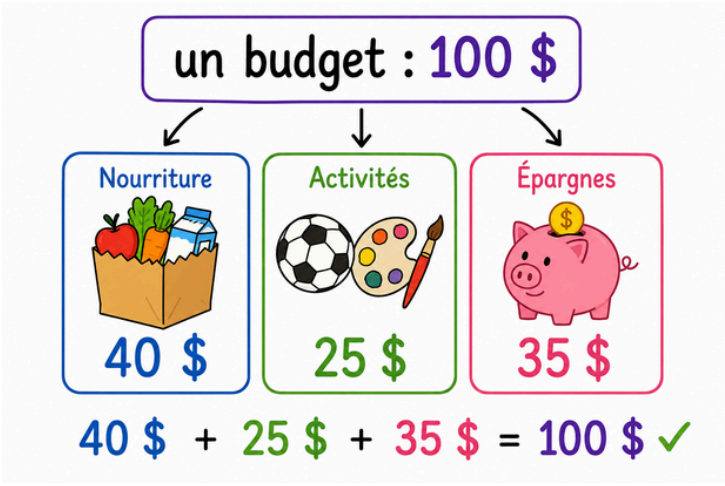
compter



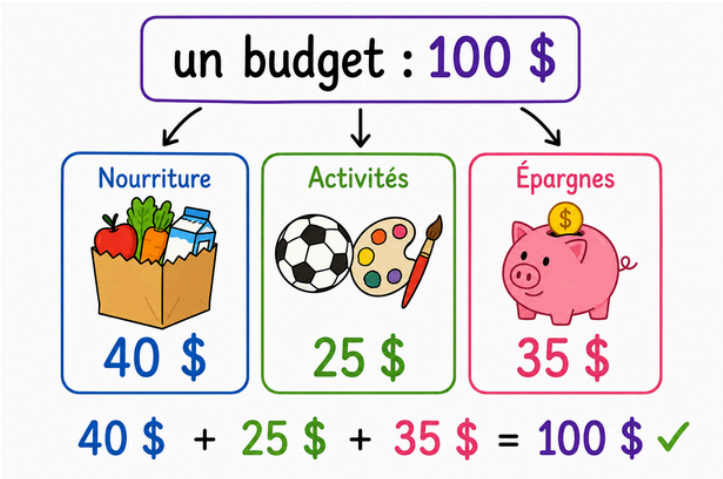

a
c
d
P=a+b+c+d
b

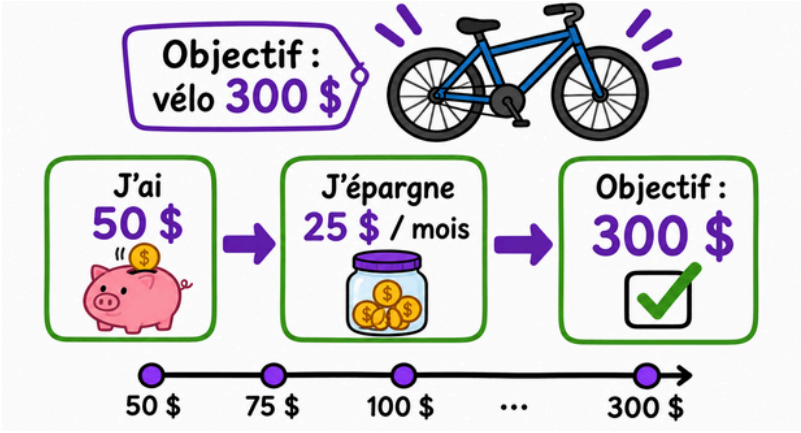
un périmètre



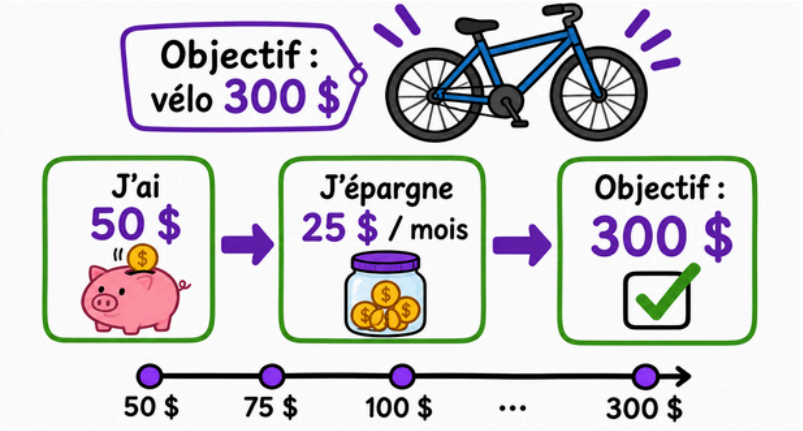

un budget : 100 $
Nourriture
40 $
Activités
25 $
Épargnes
35 $
40 $ + 25 $ + 35 $ = 100 $ ✓

un budget


un budget : 100 $
Nourriture
40 $
Activités
25 $
Épargnes
35 $
40 $ + 25 $ + 35 $ = 100 $ ✓


Objectif :
vélo 300 $
J'ai
50 $
J'épargne
25 $ / mois
Objectif :
300 $
50 $
75 $
100 $
...
300 $

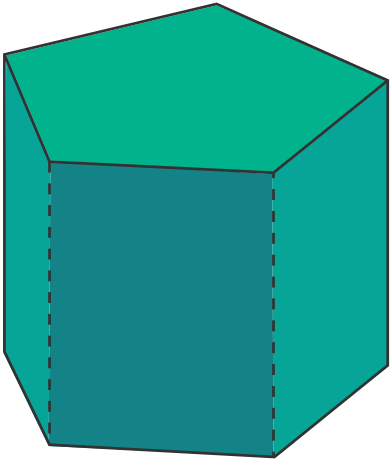
un plan financier



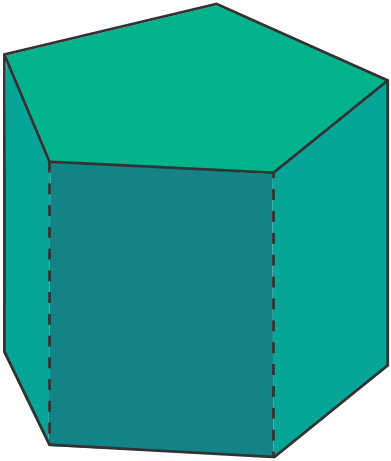


en ordre croissant

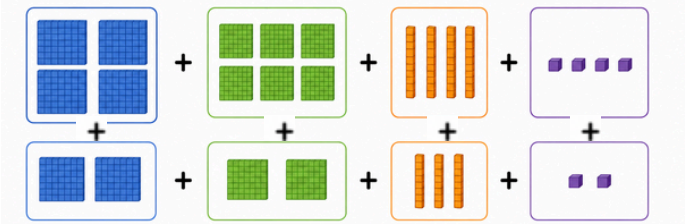




un prisme



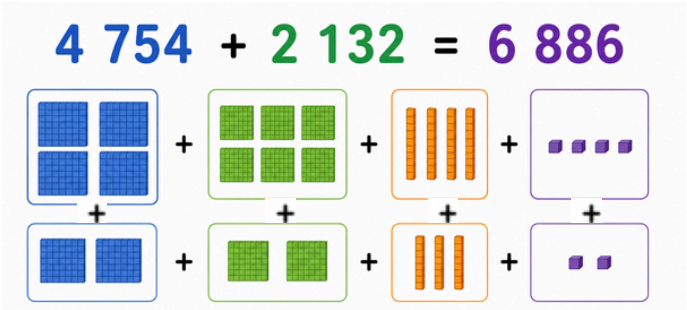
$$4\,754 + 2\,132 = 6\,886$$



ou

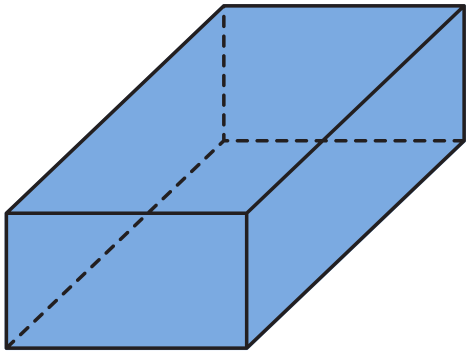
$$4\,754 = 4\,000 + 700 + 50 + 4$$

décomposer

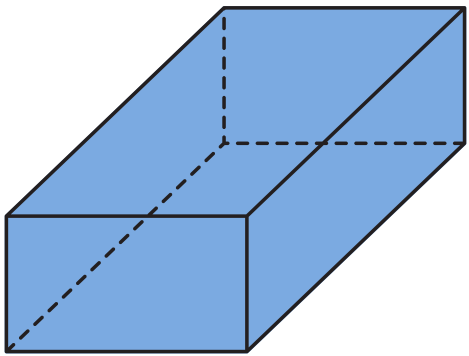


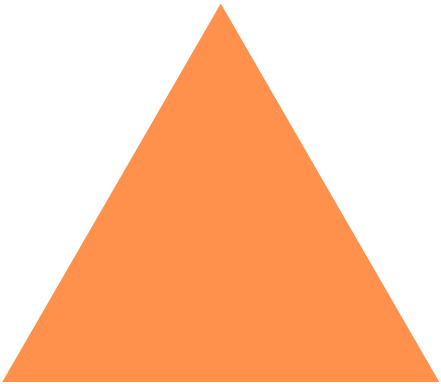
ou

4 754 = 4 000 + 700 + 50 + 4

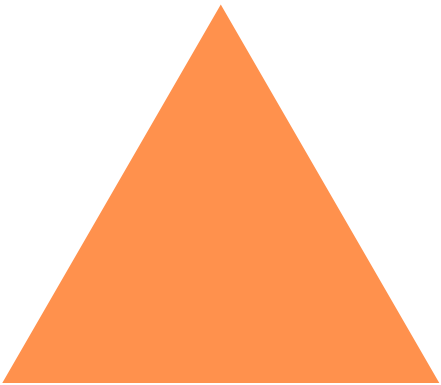


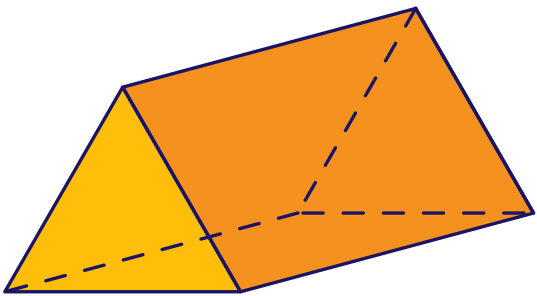
un prisme rectangulaire



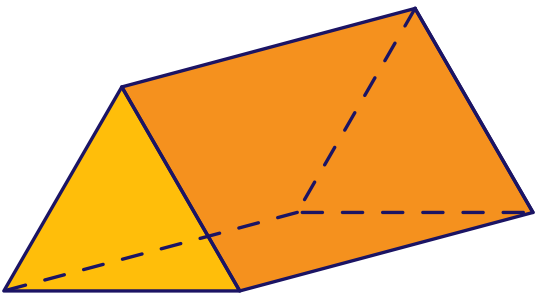


un triangle





un prisme triangulaire





en ordre décroissant





la probabilité de bleu

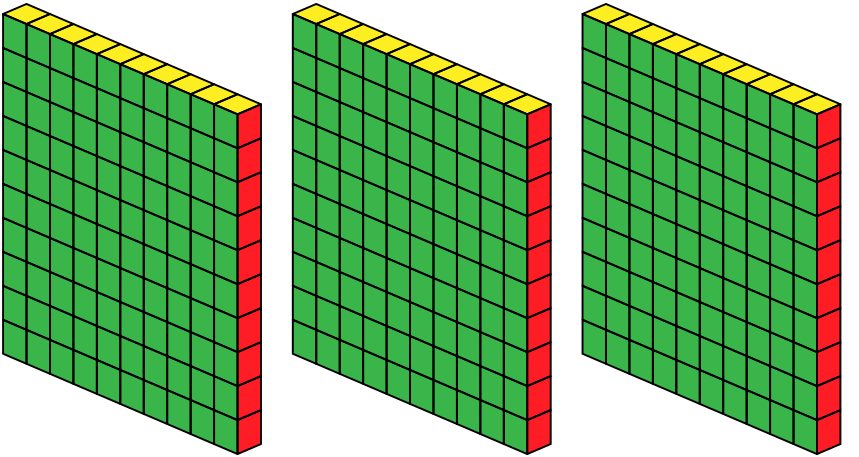
$$= \frac{2}{4} = \frac{1}{2}$$

une probabilité

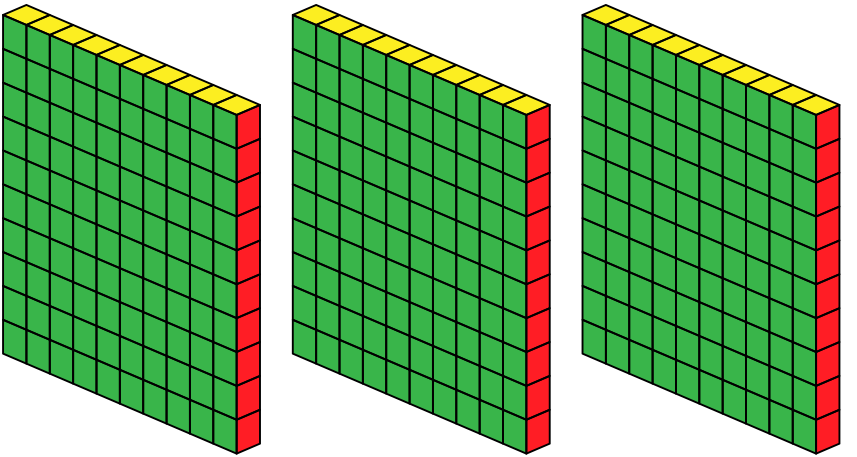


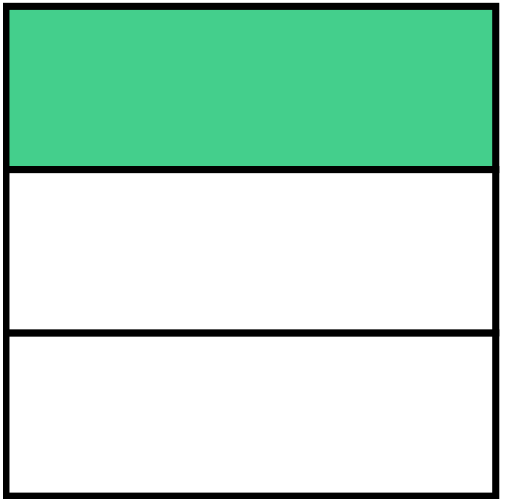
la probabilité de bleu

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



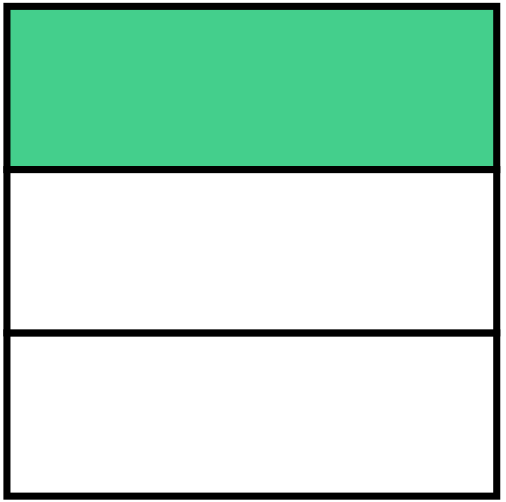
des centaines





$\frac{1}{3}$

un numérateur



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

5,32

10,53

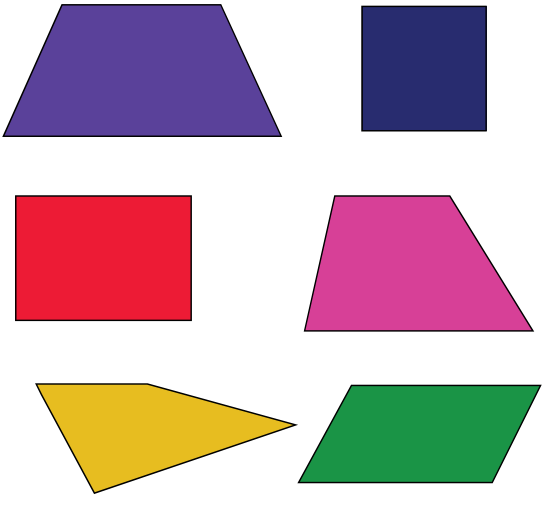
24,11

des nombres décimaux

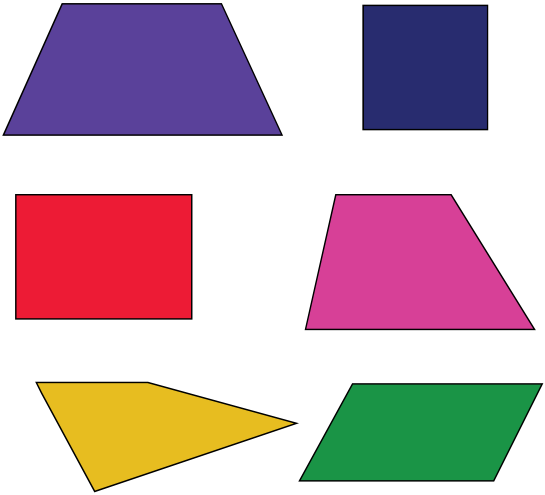
5,32

10,53

24,11



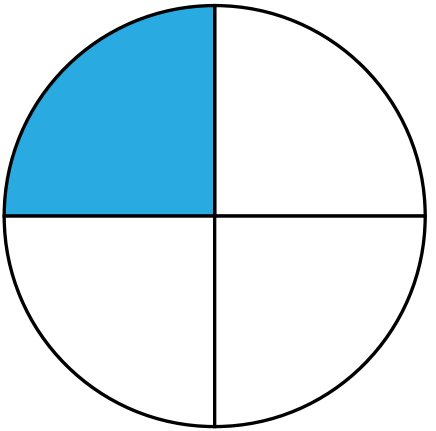
un quadrilatère



10 000

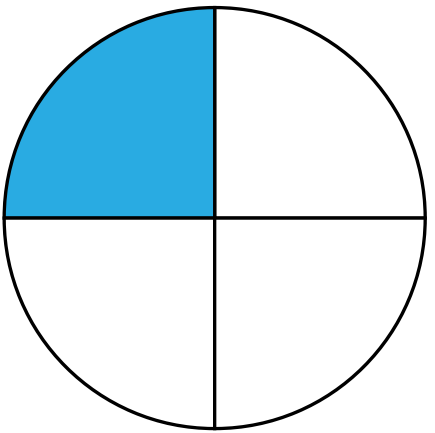
dix mille

10 000



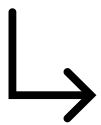

CANADA
25
cents
1976

un quart





475 860



70 000

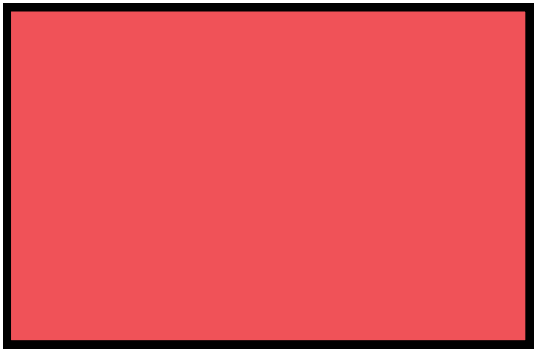
dizaine de milliers

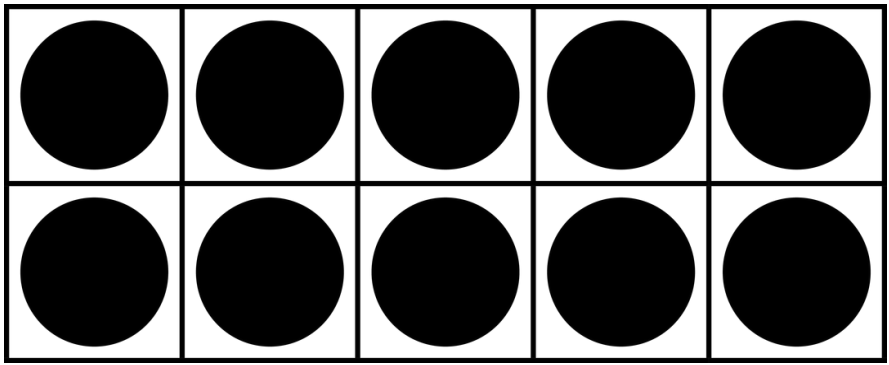
475 860

↳ **70 000**

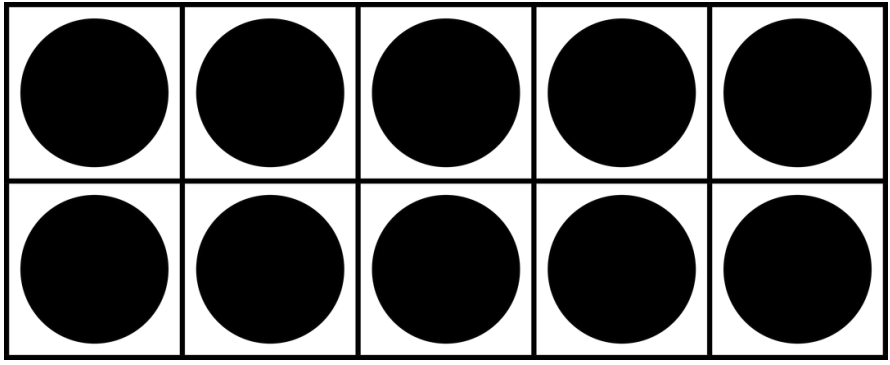


un rectangle





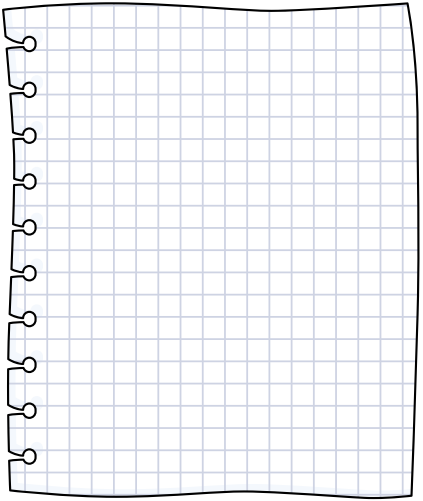
une dizaine



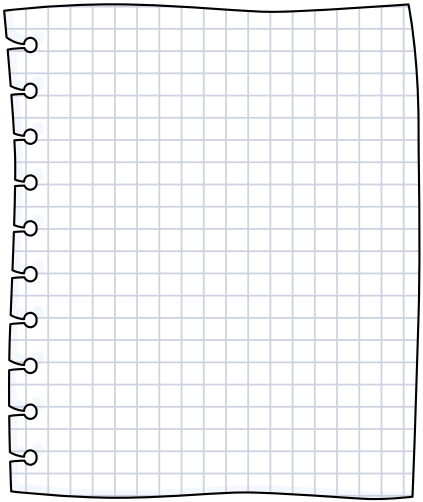


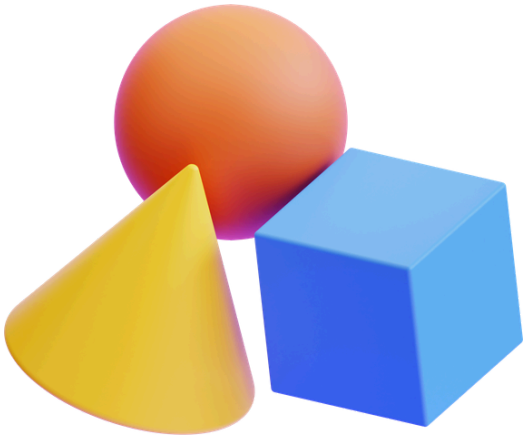
un revenu



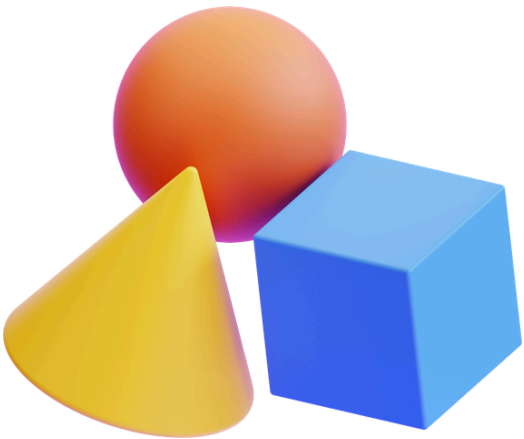


du papier quadrillé





un solide





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	

$6 \div 3 = 2$

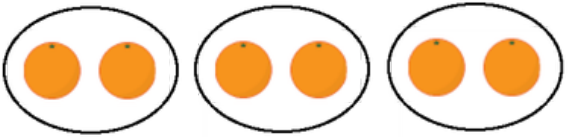
$$6\overline{)3}\quad 2$$

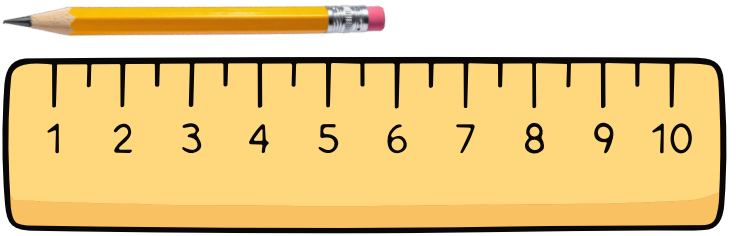


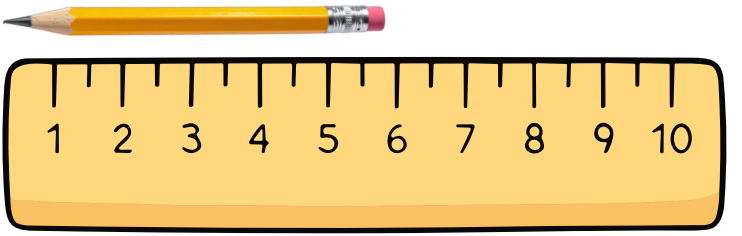
une division / diviser

$6 \div 3 = 2$

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



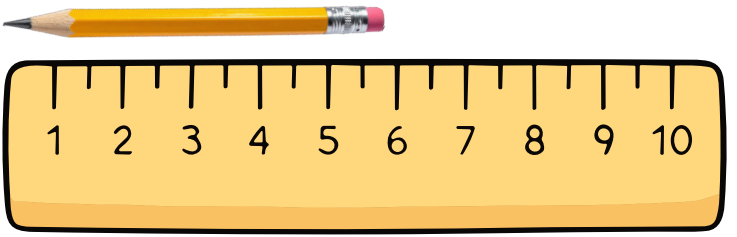

1 2 3 4 5 6 7 8 9 10



Le crayon mesure 5.97cm.

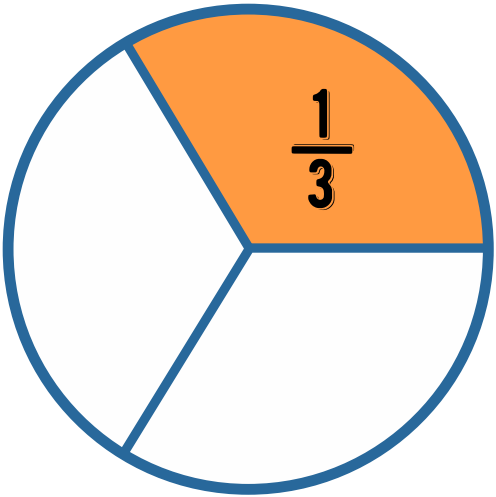
J'estime qu'il est 6 cm.

estimer

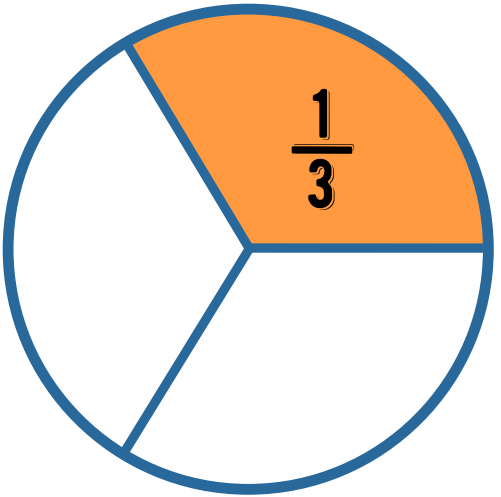


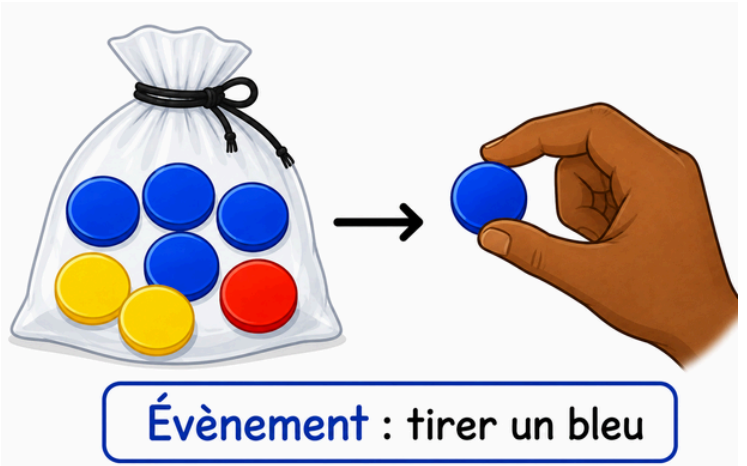
Le crayon mesure 5.97cm.

J'estime qu'il est 6 cm.

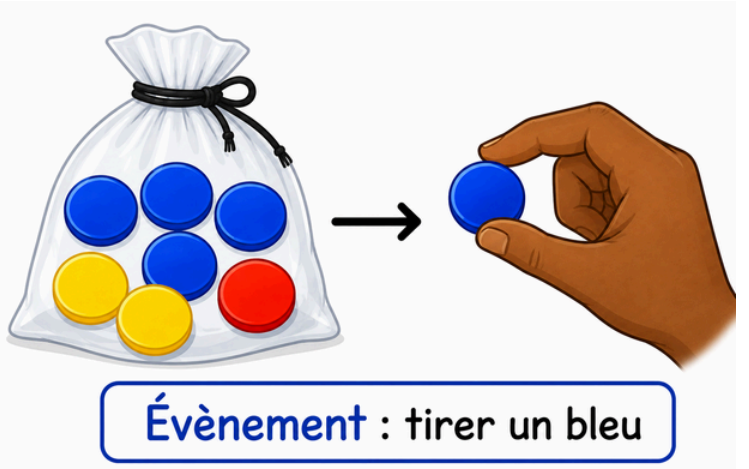

1
3

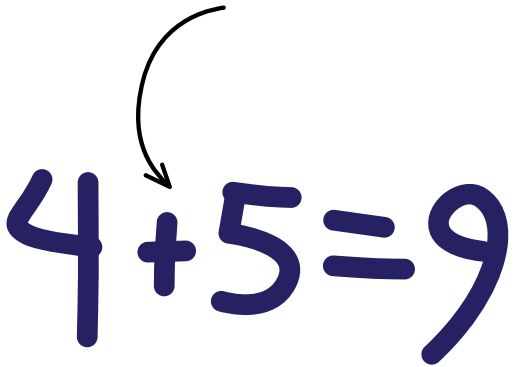
un tier



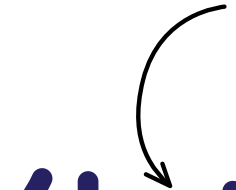

Évènement : tirer un bleu

un évènement

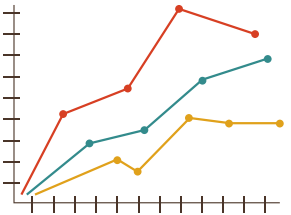


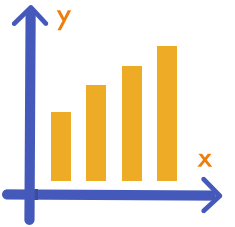

4+5=9

une addition /
additionner

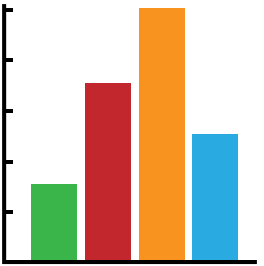


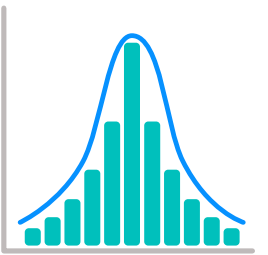
4+5=9

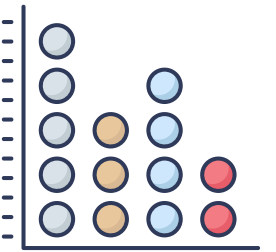



y
x

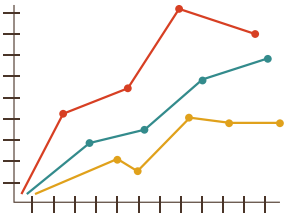


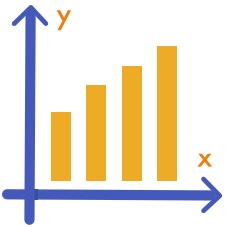




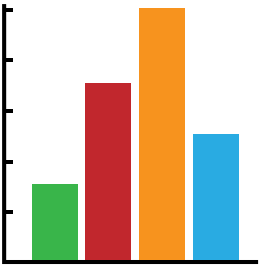


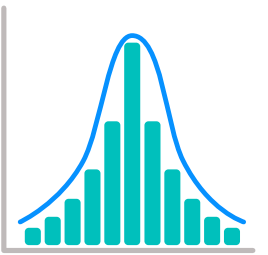
un graphique

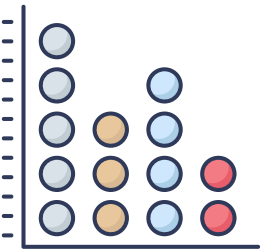












$$4 + 4 + 4$$

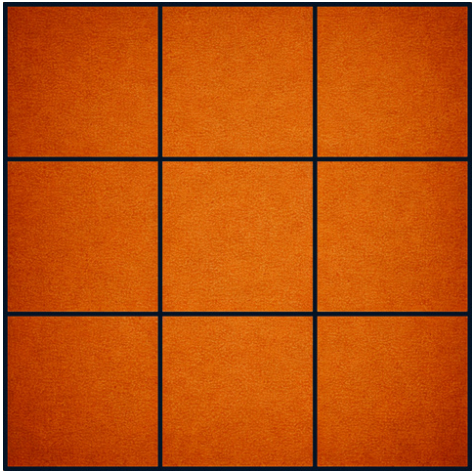
une addition répétée

$$4 + 4 + 4$$

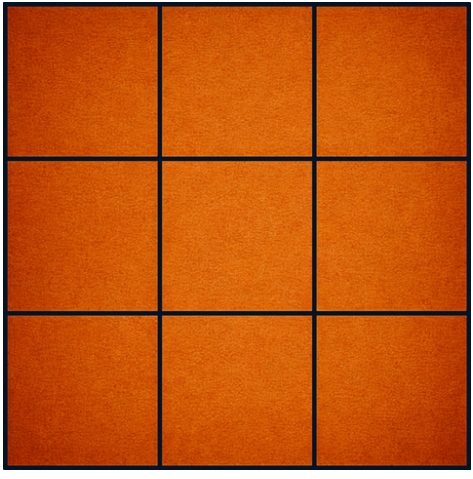
4, 8, 12, 16, 20

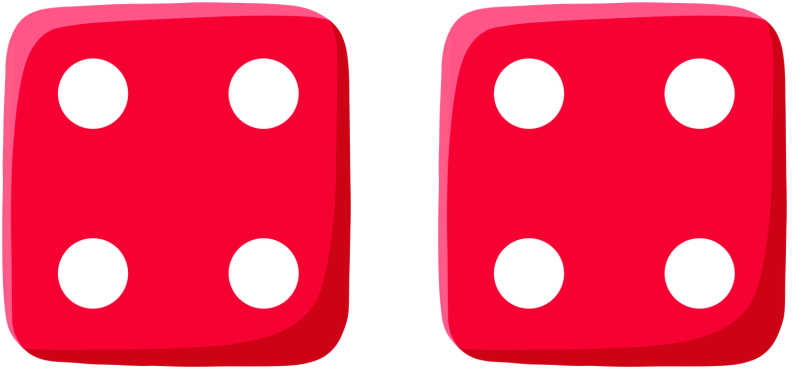
un calcul par intervalle

4, 8, 12, 16, 20

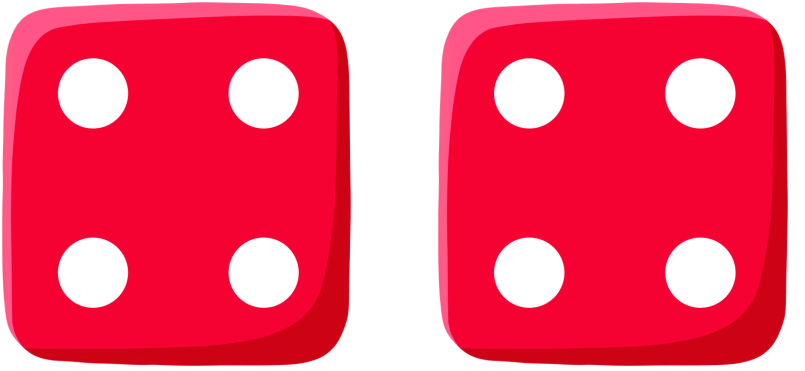


l’aire





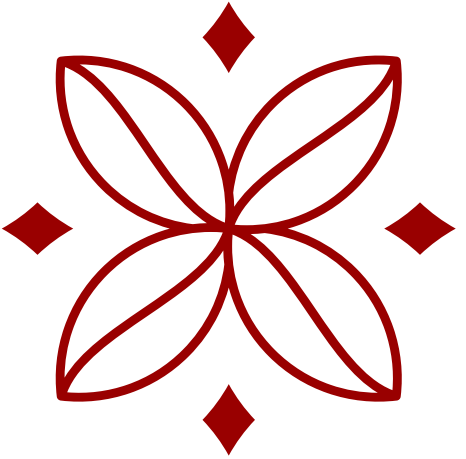
le double



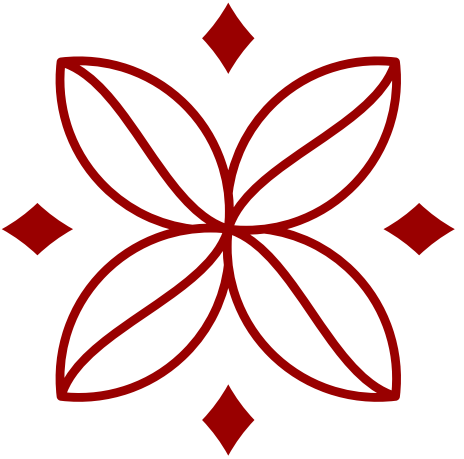


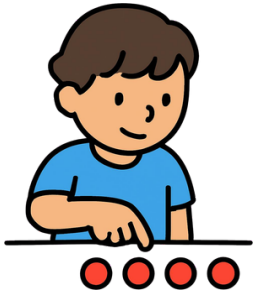
une analyse / analyser



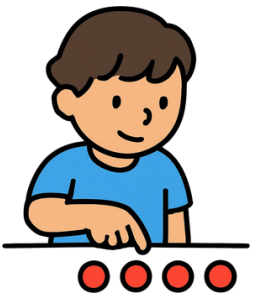


un motif





une correspondance biunivoque





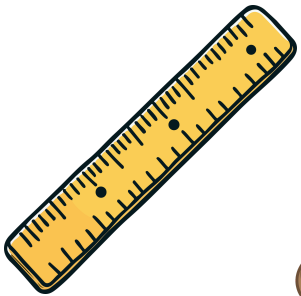
un tissage



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

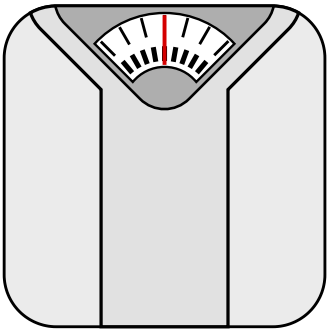
une grille de cent

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
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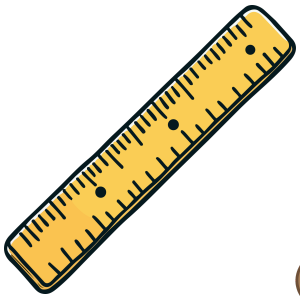






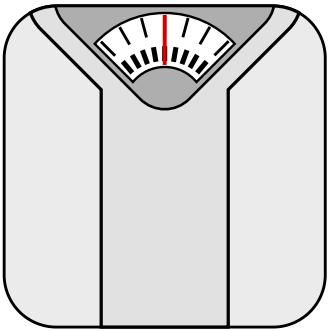


une mesure

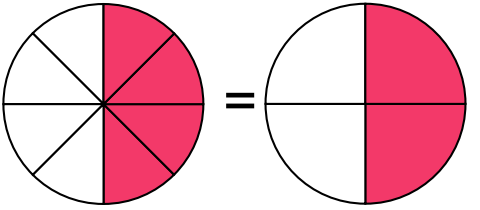






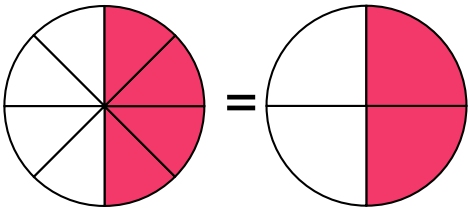


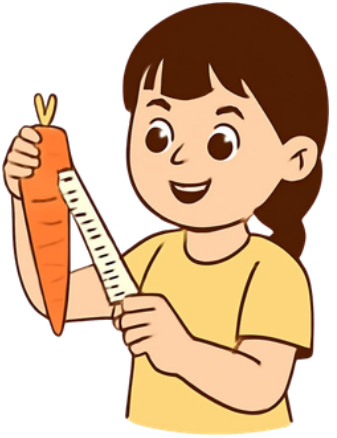
$$\frac{4}{8} = \frac{2}{4}$$



une fraction équivalente

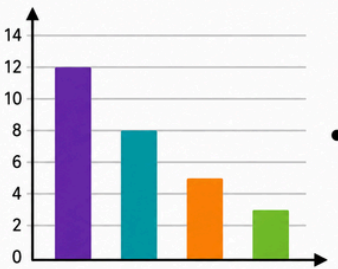
$$\frac{4}{8} = \frac{2}{4}$$





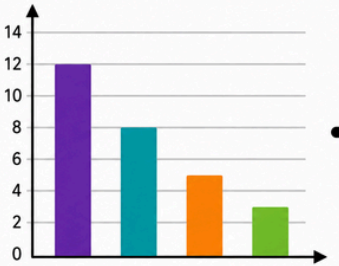
une mesure / mesurer





→ 12 > 8

une analyse des données

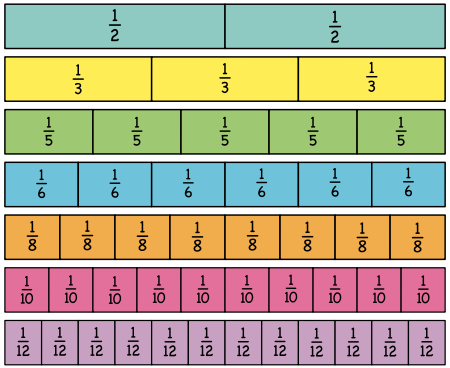


→ 12 > 8

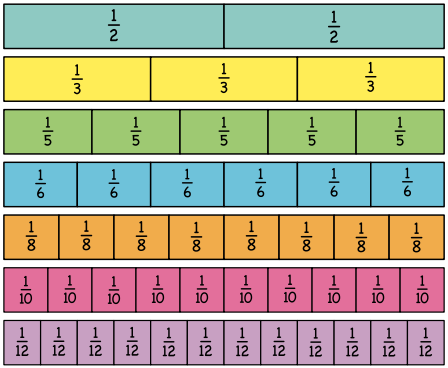
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mille

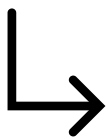
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1/2 1/2
1/3 1/3 1/3
1/5 1/5 1/5 1/5 1/5
1/6 1/6 1/6 1/6 1/6 1/6
1/8 1/8 1/8 1/8 1/8 1/8 1/8 1/8
1/10 1/10 1/10 1/10 1/10 1/10 1/10 1/10 1/10 1/10
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une bande fractionnaire



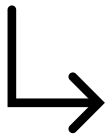
475 860



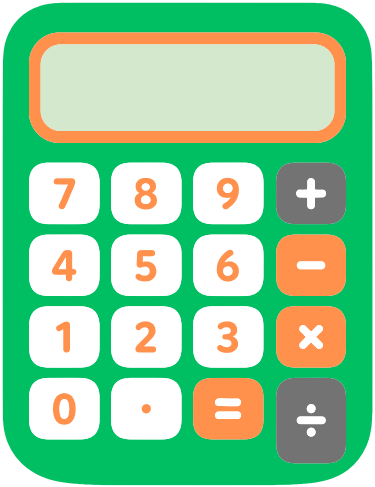
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milliers

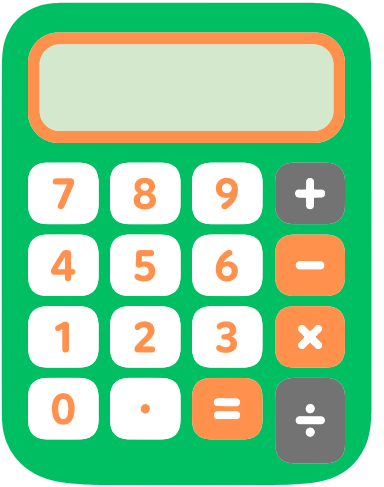
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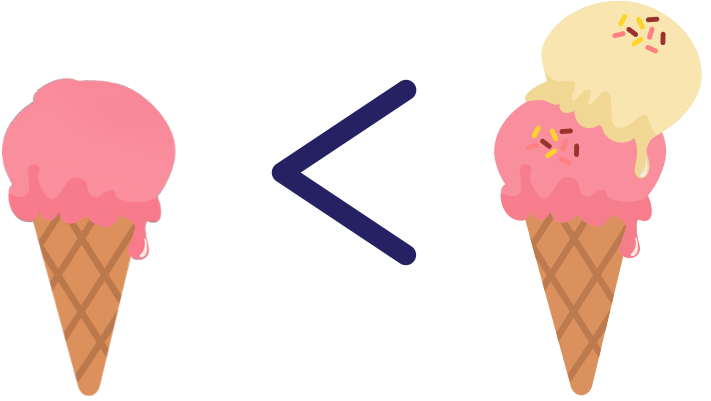


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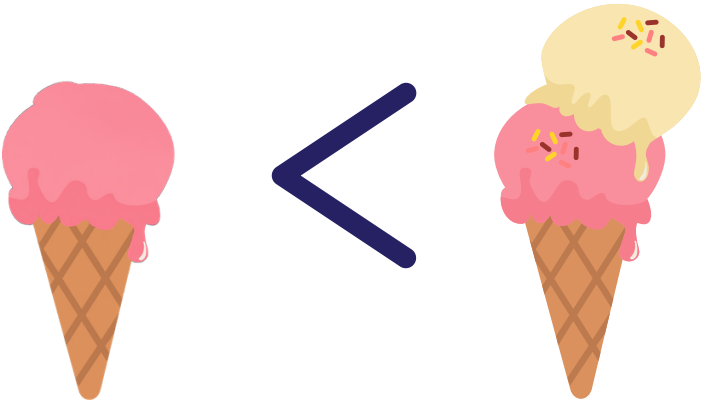

7
8
9
4
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6
1
2
3
0

une calculatrice





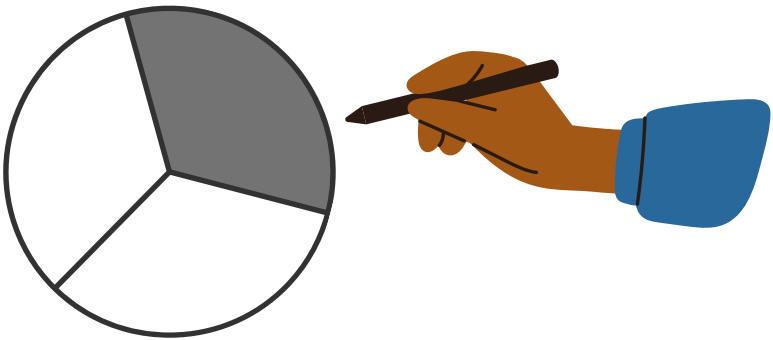
moins que



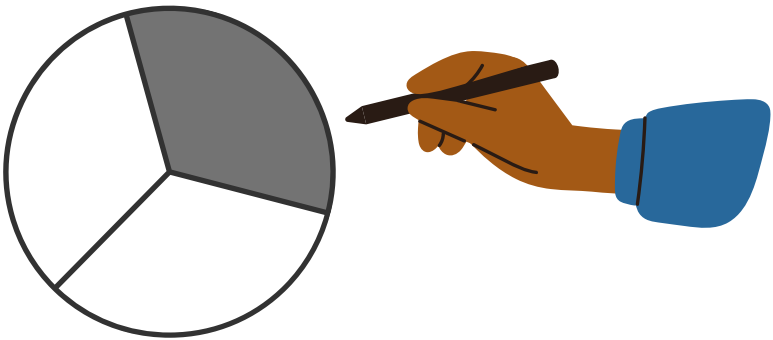


zéro





ombré




= 5
= 15

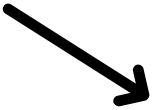
une correspondance multivoque



294 532 761



761 532 294



un ordre / ordonner

294 532 761



761 532 294

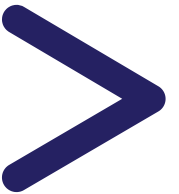




une dépense









plus grand que



>

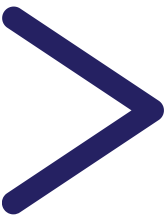


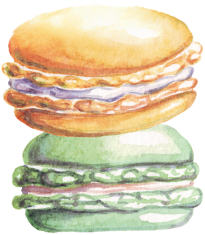
$$2 \times 5 = 10$$

une équation

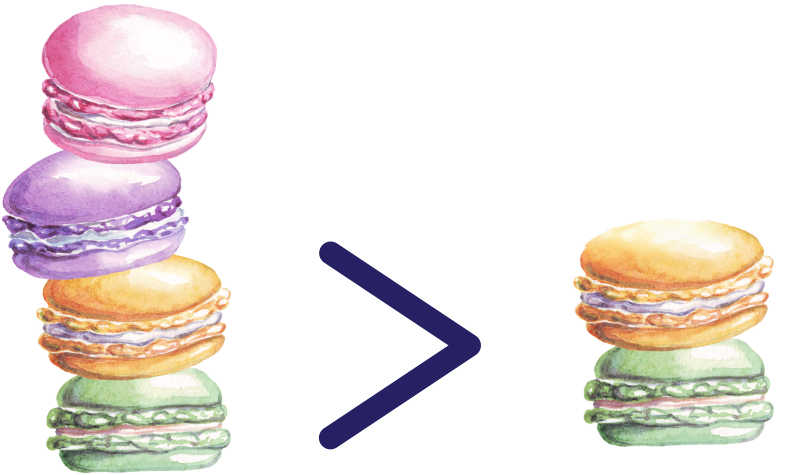
$$2 \times 5 = 10$$

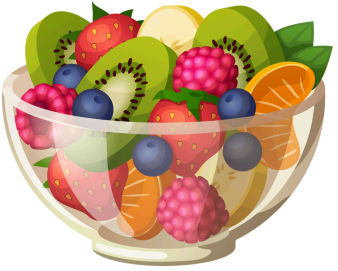


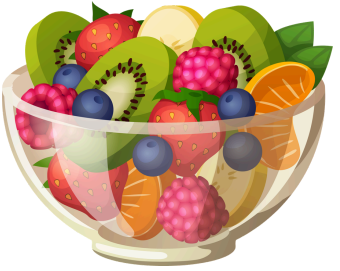




plus que

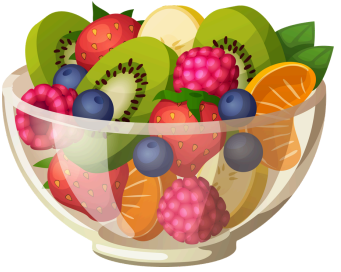






Il y a environ 20 morceaux de fruits.

une estimation



Il y a environ 20 morceaux de fruits.

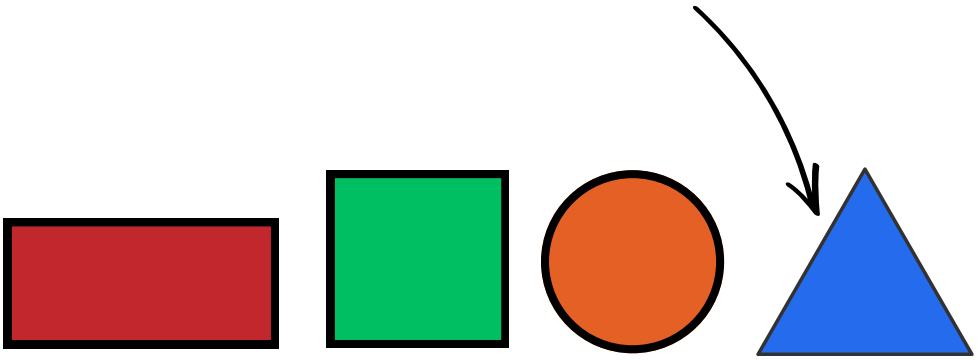


3 → 6 → 9 → 12 → ?

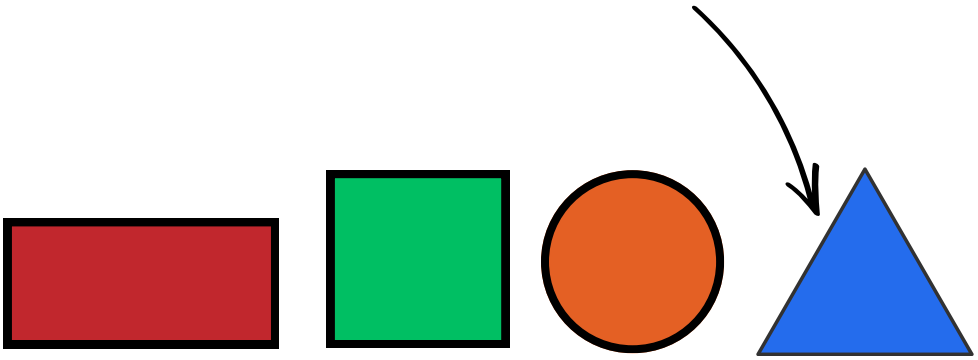
prédire / une prédiction

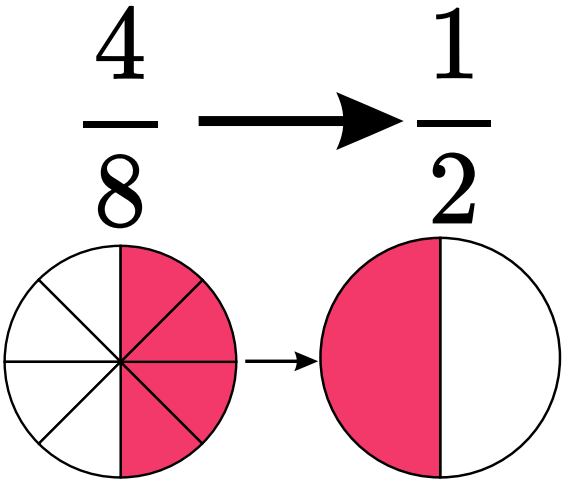


3 → 6 → 9 → 12 → ?



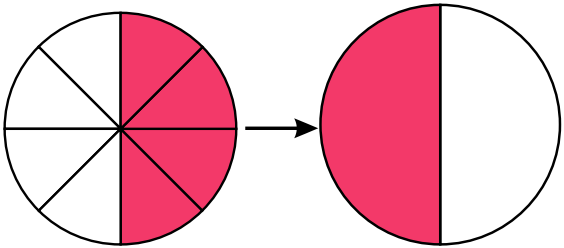
une figure

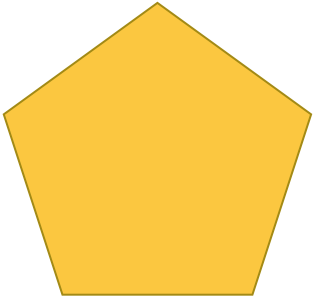



4/8
1/2

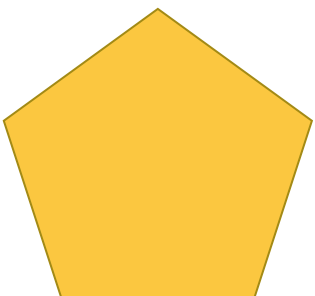
simplifier

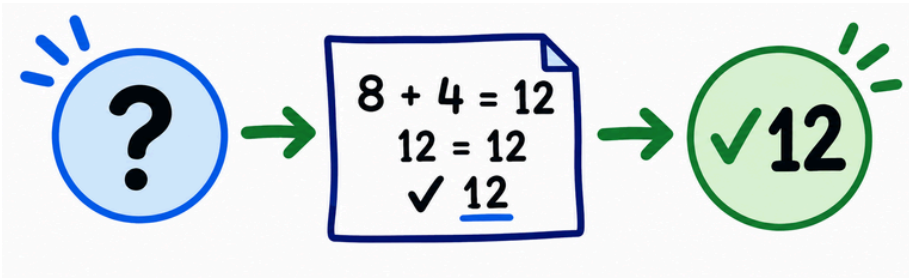
$$\frac{4}{8} \rightarrow \frac{1}{2}$$



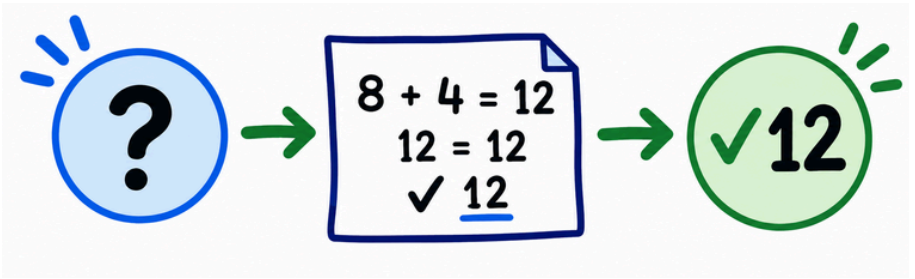


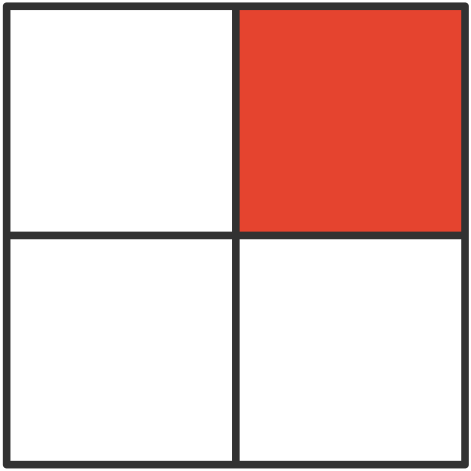
une figure
géométrique



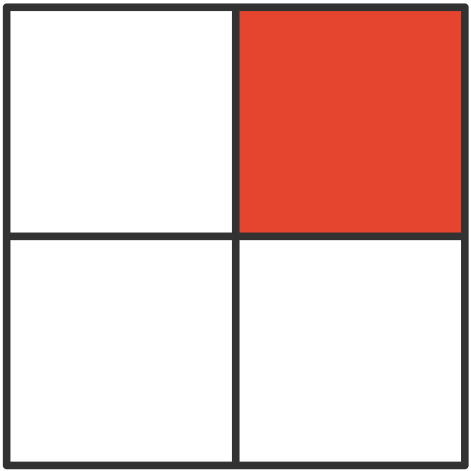

?
8 + 4 = 12
12 = 12
✓ 12
✓12

une résolution / résoudre





une fraction





3 + 2

= 5

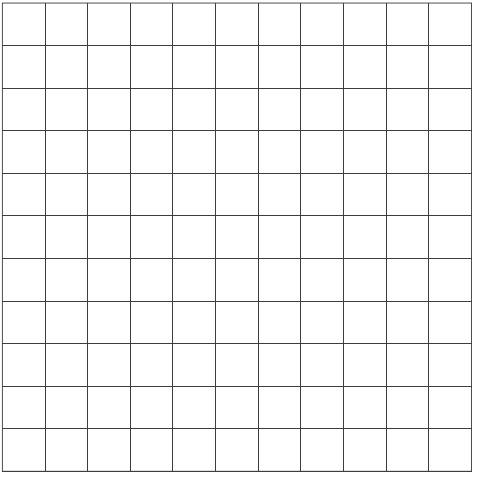
symbolique



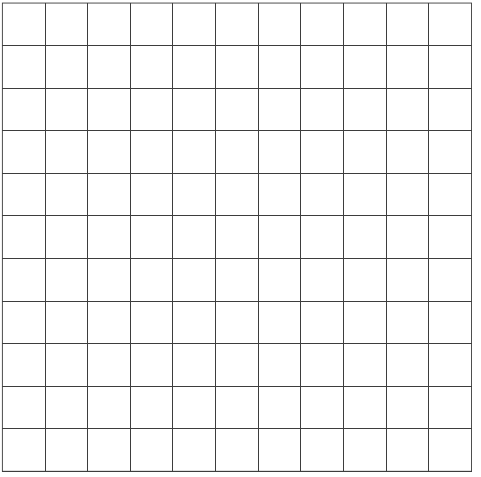


$= 5$

$3 + 2$



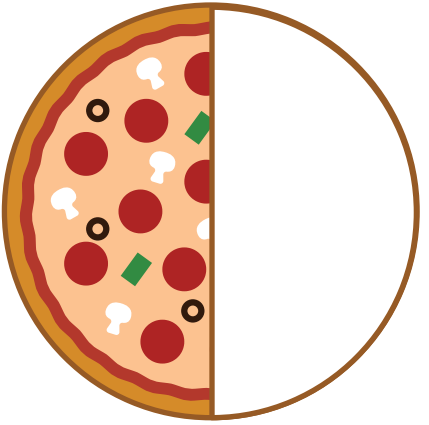
une grille



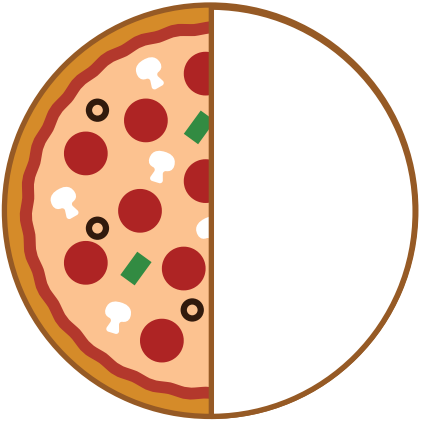


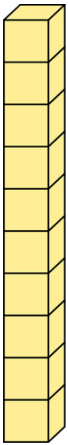
le tout



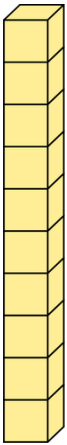


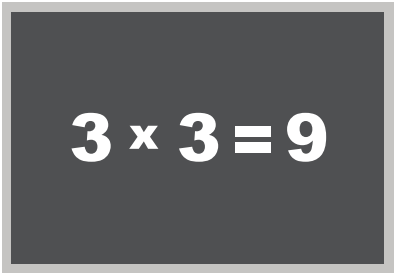
une moitié



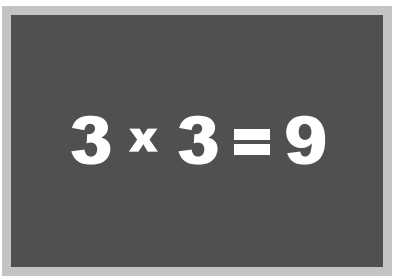


un bloc de base dix




3 × 3 = 9

une multiplication / multiplier



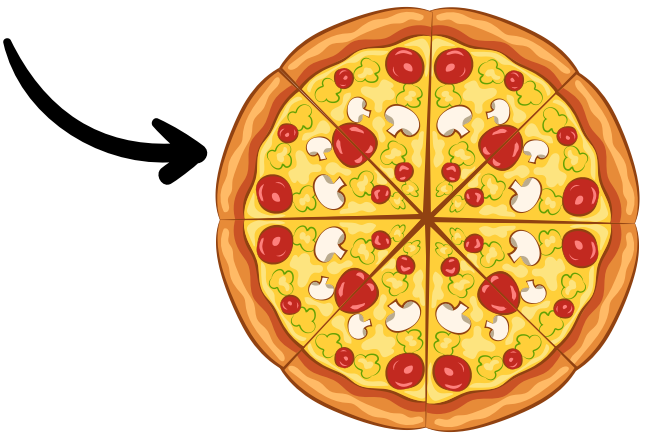


$$36 \times 4 = 144$$

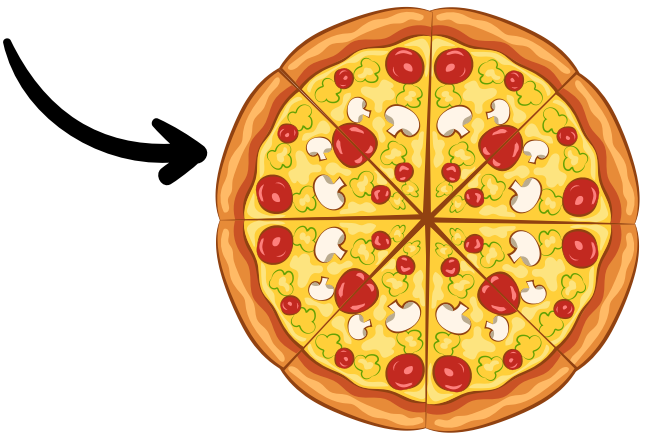
un calcul / calculer



$36 \times 4 = 144$



une part égale



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



un calcul monétaire

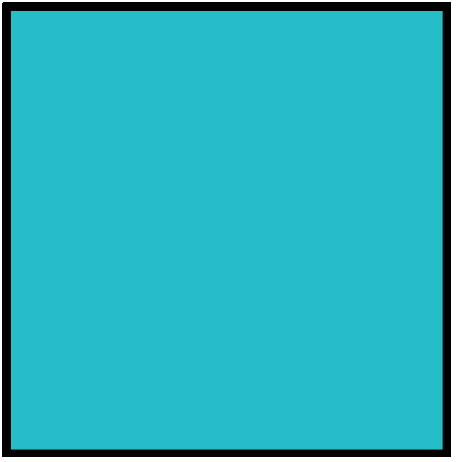
5,25 $ + 3,50 $ = 8,75 $



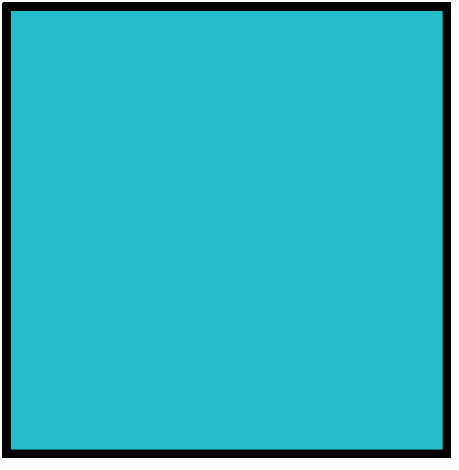
	1	2	3	4	5	6	7	8	9	10
2	4	6	8	10	12	14	16	18	20	
3	6	9	12	15	18	21	24	27	30	
4	8	12	16	20	24	28	32	36	40	
5	10	15	20	25	30	35	40	45	50	
6	12	18	24	30	36	42	48	54	60	
7	14	21	28	35	42	49	56	63	70	
8	16	24	32	40	48	56	64	72	80	
9	18	27	36	45	54	63	72	81	90	
10	20	30	40	50	60	70	80	90	100	

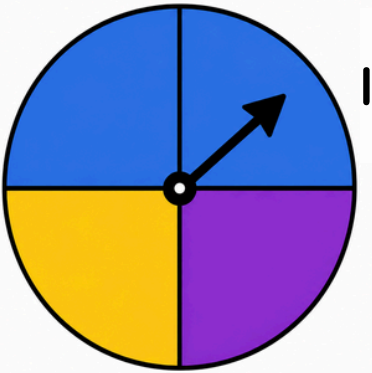
une table de multiplication

	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



un carré

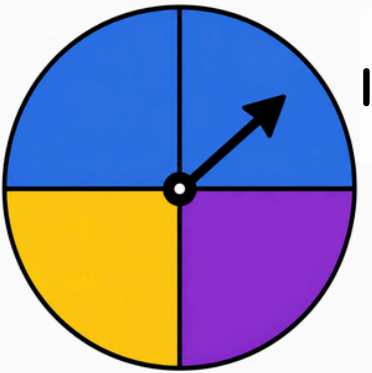




la probabilité de bleu

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

une probabilité



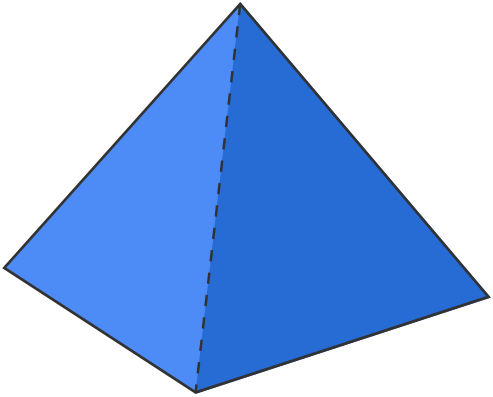
la probabilité de bleu

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

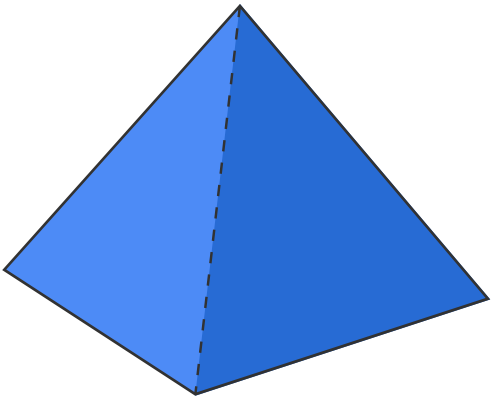

0 1 2 3
4 5 6
7 8 9

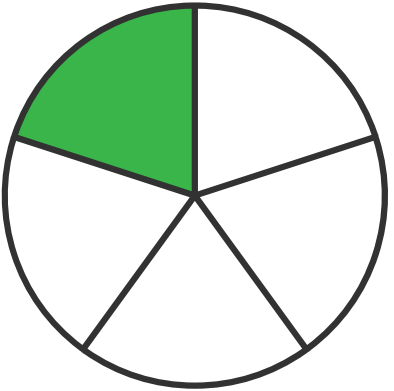
un chiffre





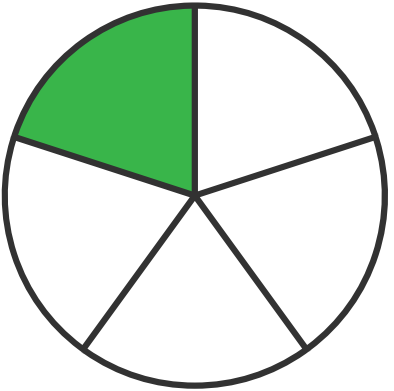
une pyramide



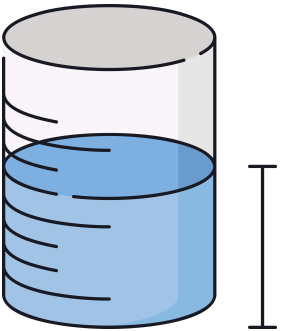


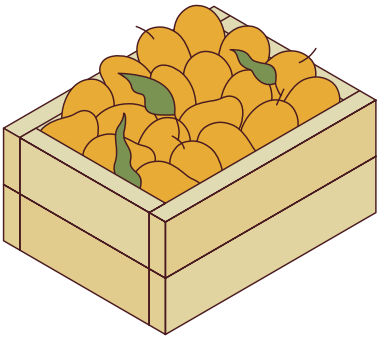


un cinquième

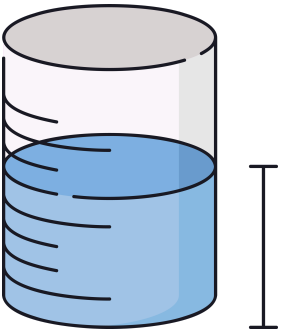


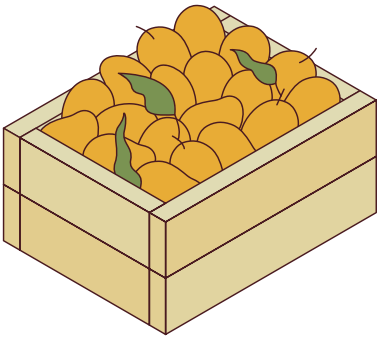






une quantité

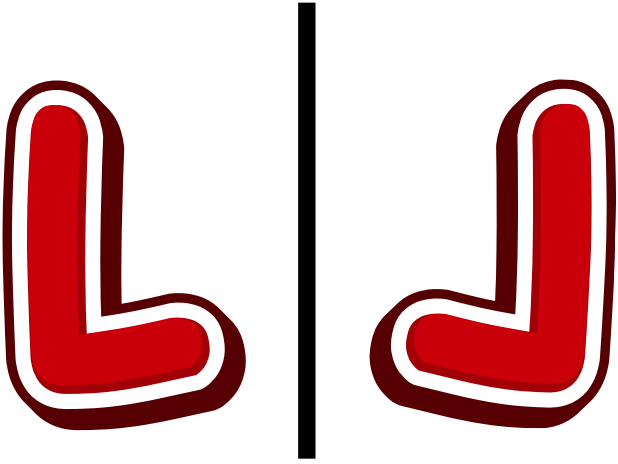




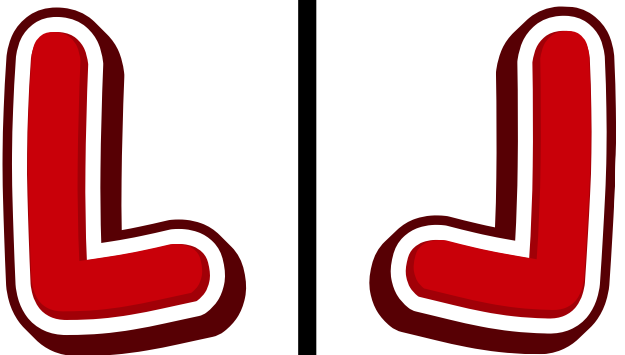


un cycle de jour





une réflexion





un cycle de marée



entrée	sortie
3	5
4	6
5	7
6	8

$x + 2$

une règle algébrique

entrée	sortie
3	5
4	6
5	7
6	8

$x + 2$



le cycle des saisons



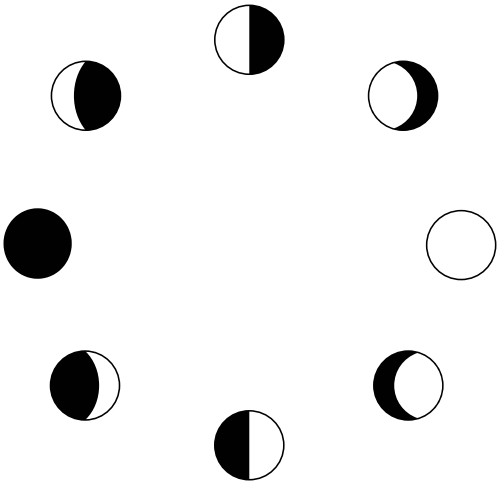
entrée	sortie
1	4
2	7
3	10
4	13

Multiplier par 3 et ajouter 1 à chaque fois.

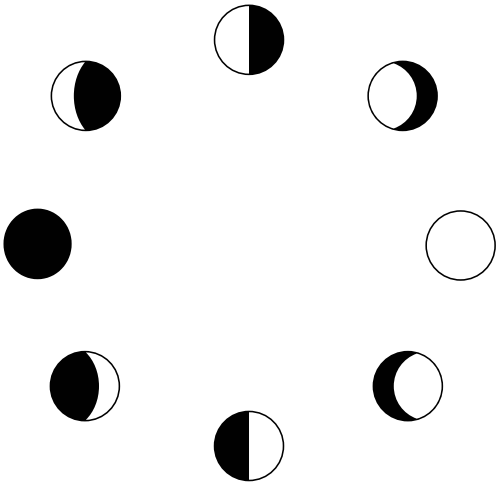
une règle numérique

entrée	sortie
1	4
2	7
3	10
4	13

Multiplier par 3 et ajouter 1 à chaque fois.



le cycle lunaire





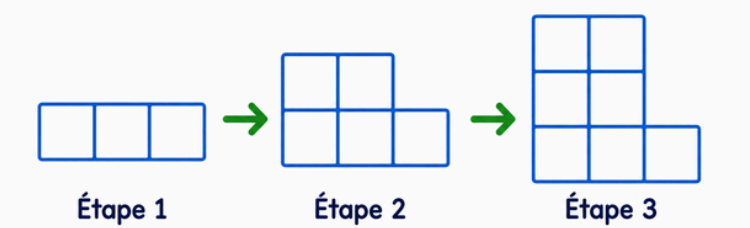
une régularité



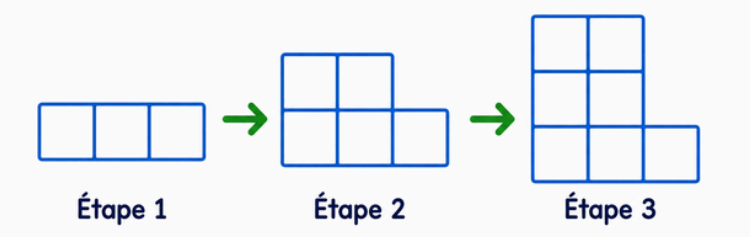


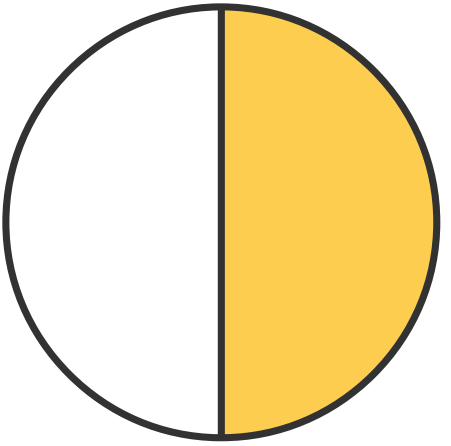
un dé




Étape 1
Étape 2
Étape 3

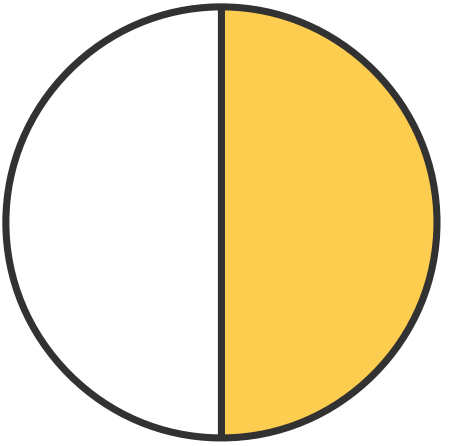
une régularité croissante



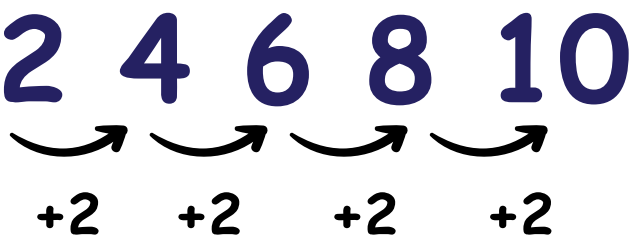


$\frac{1}{2}$

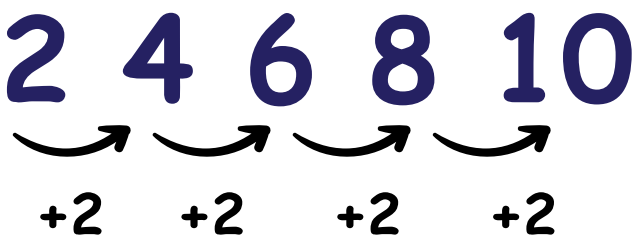
un demi

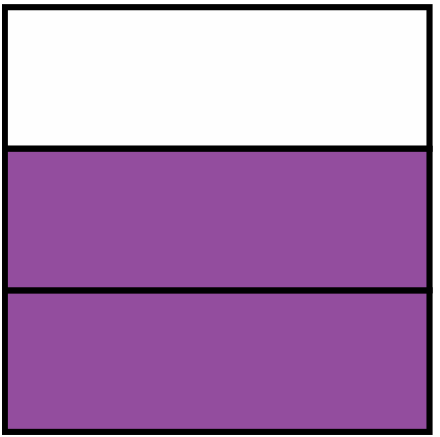


$\frac{1}{2}$


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

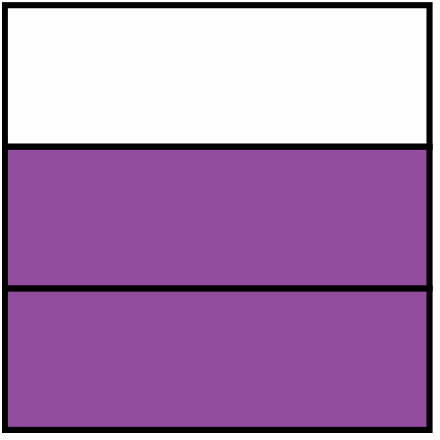
une régularité numérique



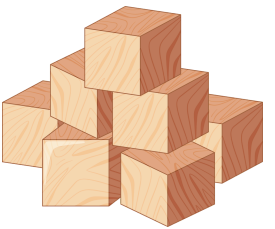


$\frac{1}{3}$

un dénominateur

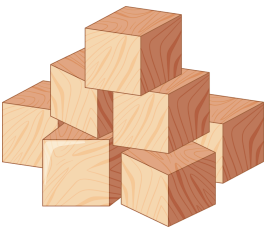


$$\frac{1}{3}$$

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

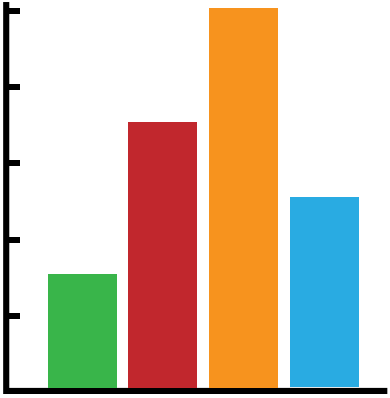
50% fromage
25% légumes
25% pepperoni



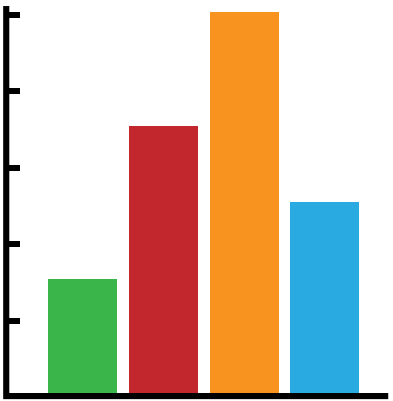
une représentation graphique

50% fromage
25% légumes
25% pepperoni





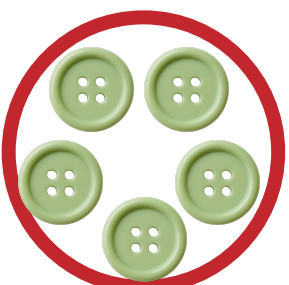
un diagramme à barres / à bandes



2 + 3 = 5





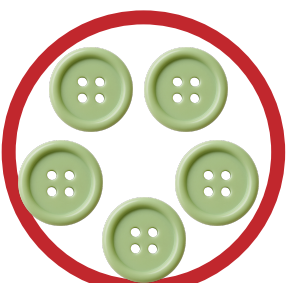


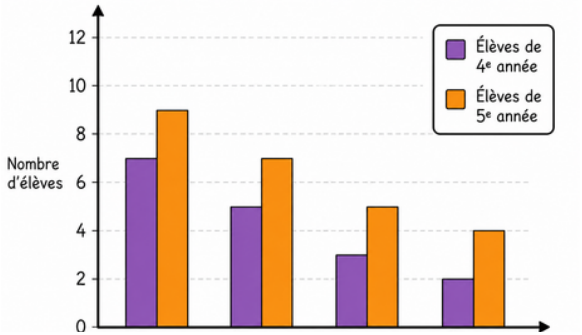
une somme

2 + 3 = 5

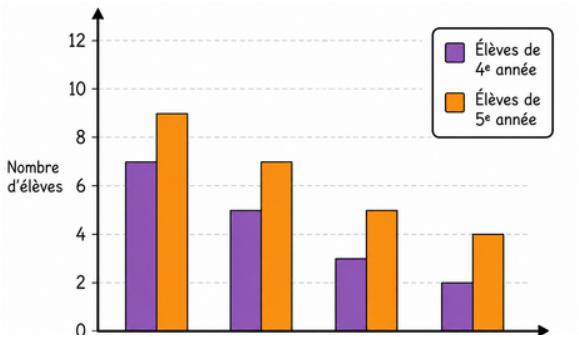


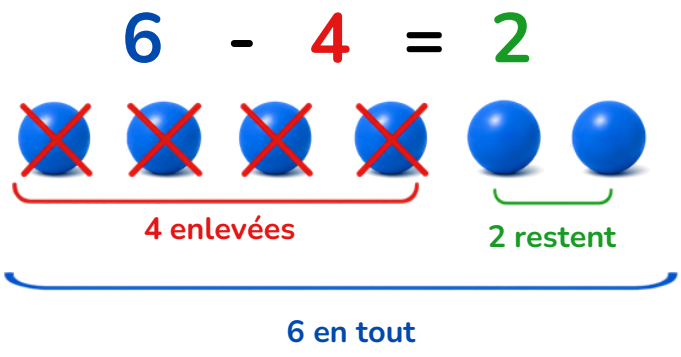





Élèves de 4e année
Élèves de 5e année
Nombre d'élèves
0
2
4
6
8
10
12

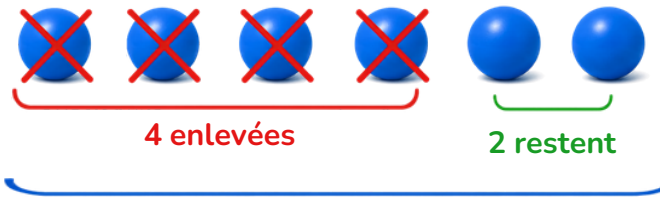
un diagramme à barres doubles




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

une soustraction / soustraire

6 - 4 = 2




CANADA
RRC
1996
DOLLAR

un dollar



entrée	sortie
1	2
2	4
3	6
4	8

une table

entrée	sortie
1	2
2	4
3	6
4	8

1 000 000

un million

1 000 000

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



4





8







12



4





8







12

Le multiple est 4

un multiple


4



8




12

Le multiple est 4

$$368 = 300 + 60 + 8$$

un nombre décomposé

368 = 300 + 60 + 8

4 732

quatre mille sept cent trente-deux

un nombre

4 732

quatre mille sept cent trente-deux


3472
4 → 400

une valeur

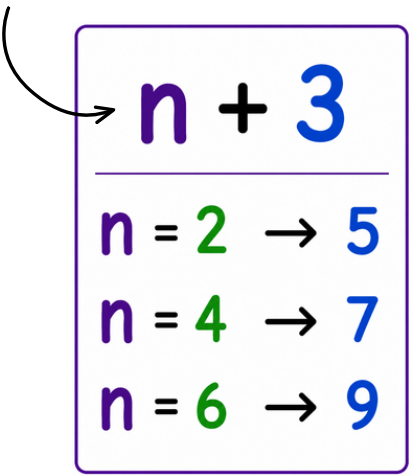


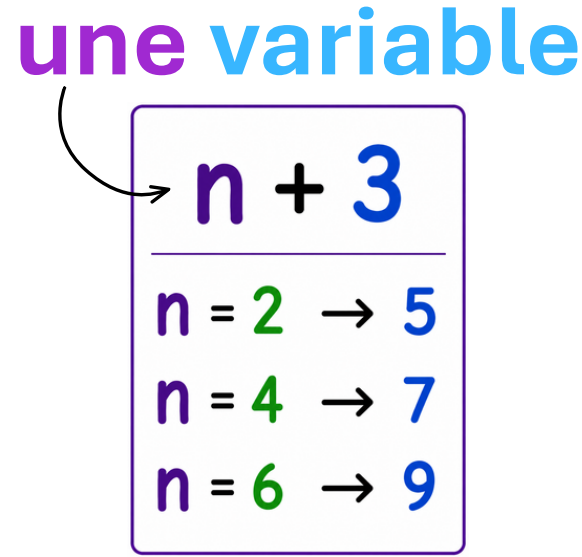
La valeur de 4 est 400

532

un nombre composé

532


n + 3
n = 2 → 5
n = 4 → 7
n = 6 → 9


une variable
n + 3
n = 2 → 5
n = 4 → 7
n = 6 → 9



un panier d'écorce de cèdre

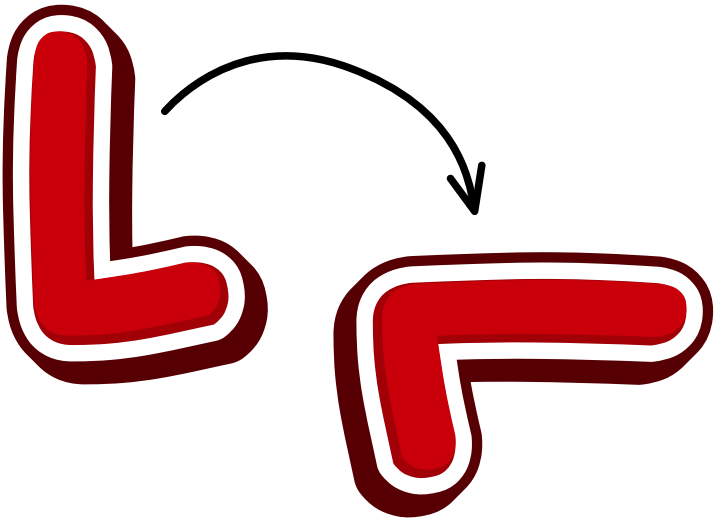


https://www.museedelhistoire.ca/zone-pedagogique/les-arts-et-les-techniques-des-haidas/tissage-ecorce-cedre-racines-epinette/tissage-dun-panier-en-ecorce-de-cedre-en-cours/

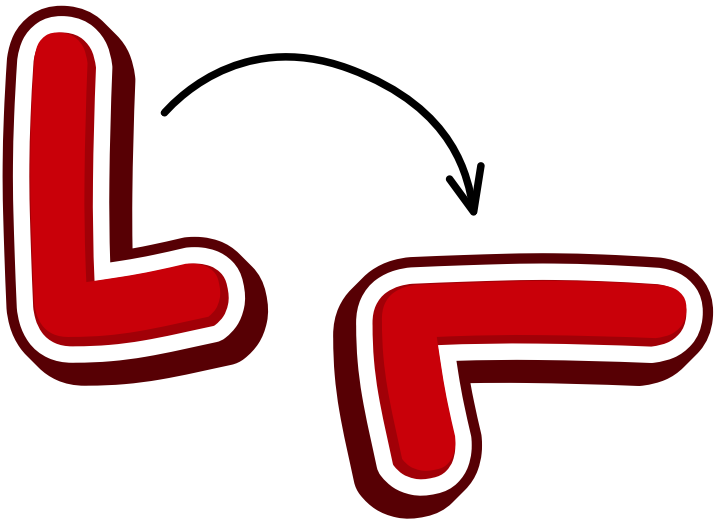

0 1 2 3 4 5 6 7 6

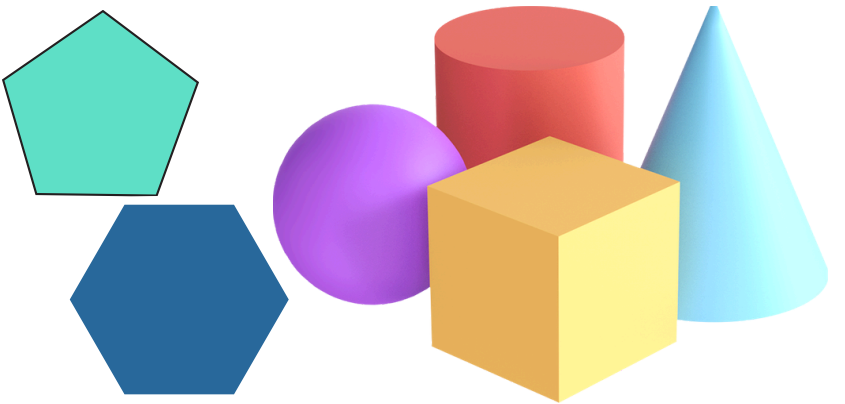
une droite numérique



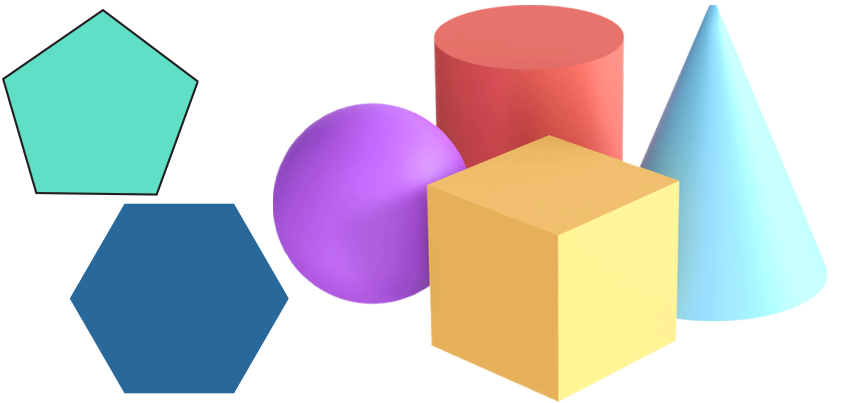


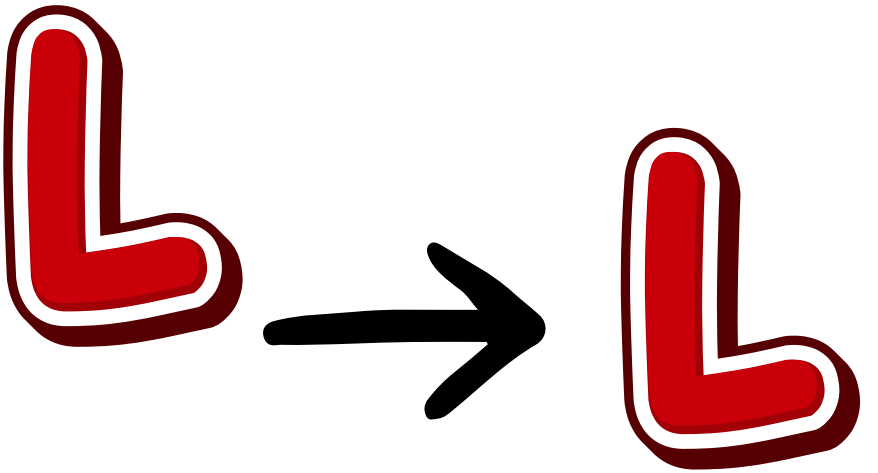
une rotation



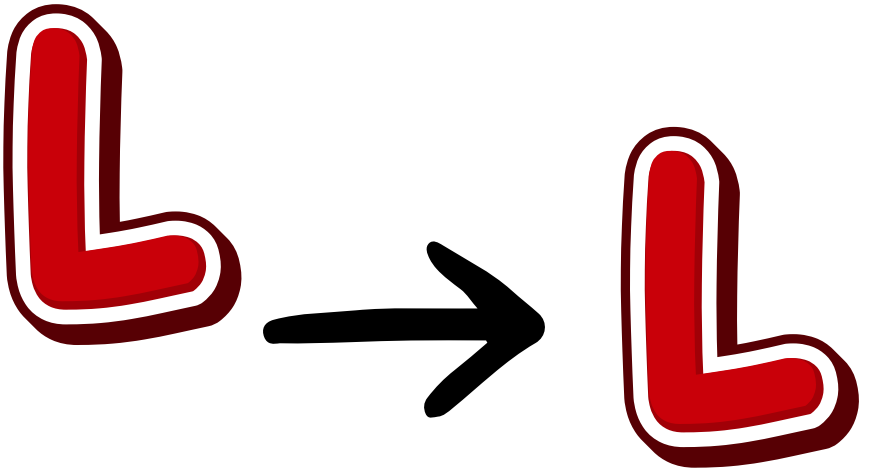


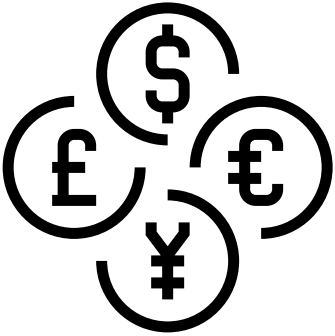
la géométrie





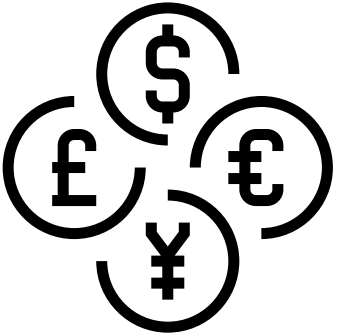
une translation







la monnaie





1 000 000 000

un milliard

1 000 000 000


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

un nombre entier

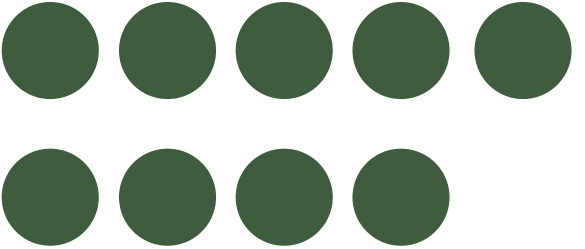
5

25

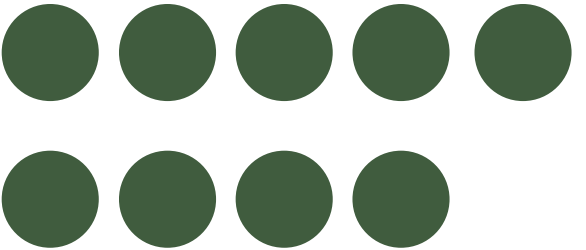
9

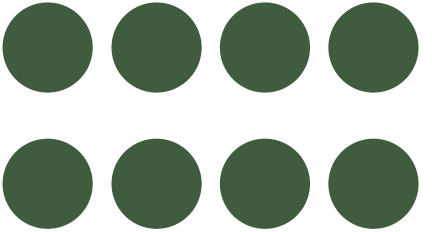
1



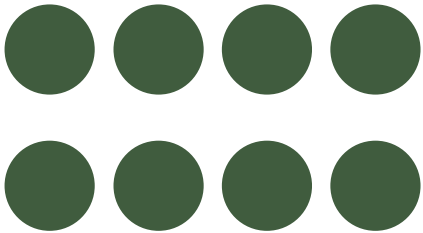


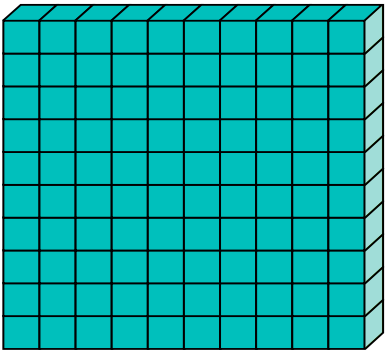
un nombre impair



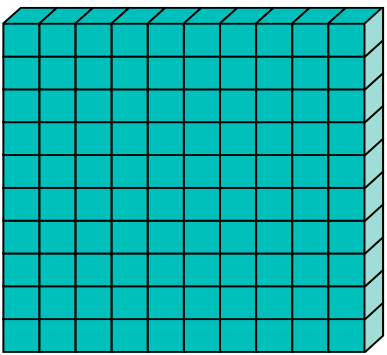


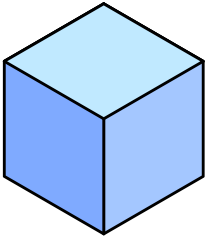
un nombre pair



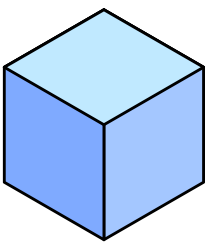


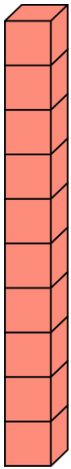
une planchette



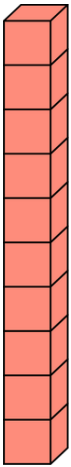


un cube-unité





un bâtonnet



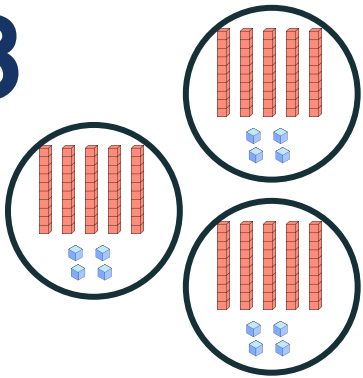

4,1

dixièmes



162 ÷ 3

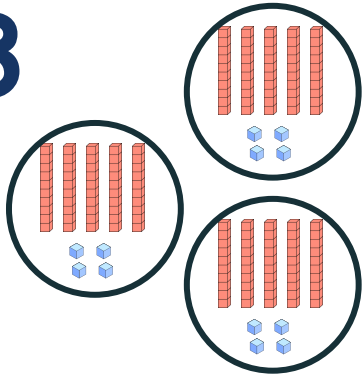
3	162	50
	150	
	12	4



la méthode du quotient partiel

162 ÷ 3

3	162	50
	150	
	12	4





des réglettes

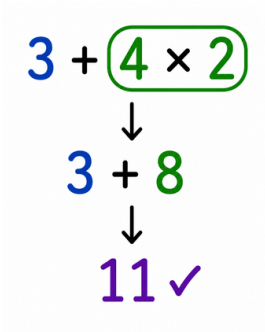


image de *Spectrum Educational Supplies*

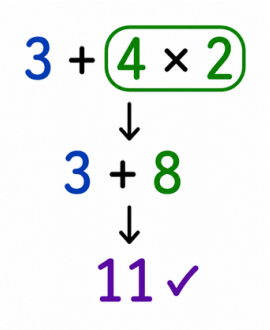

4,18

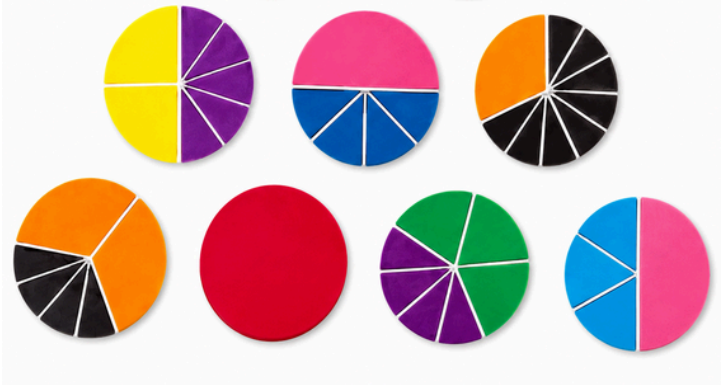
centièmes




3 + 4 × 2
3 + 8
11 ✓

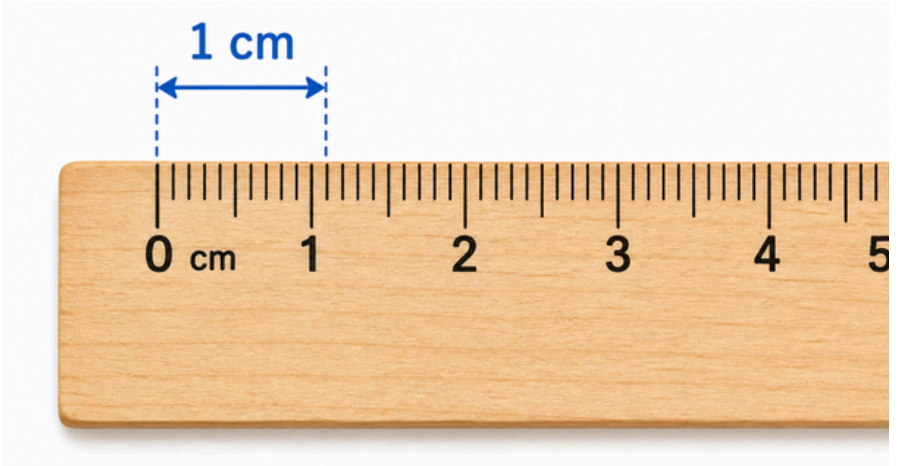
la priorité des opérations



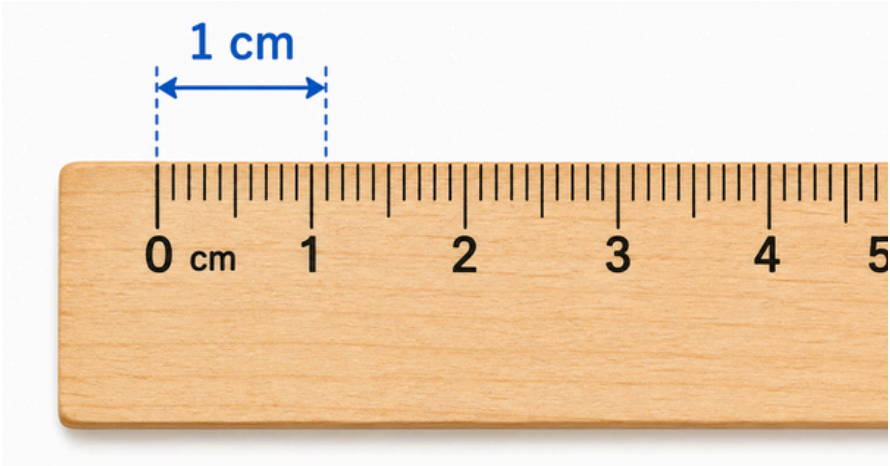


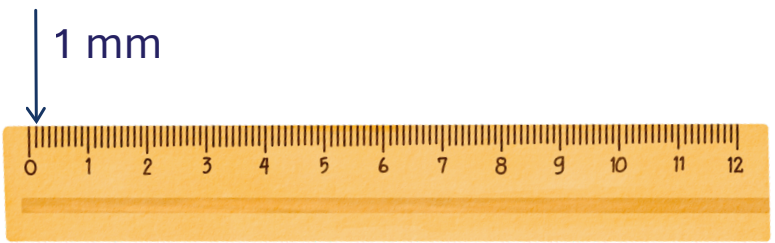
un cercle de fractions



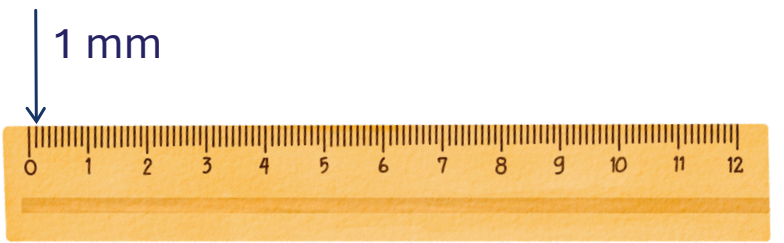

1 cm
0 cm
1
2
3
4
5

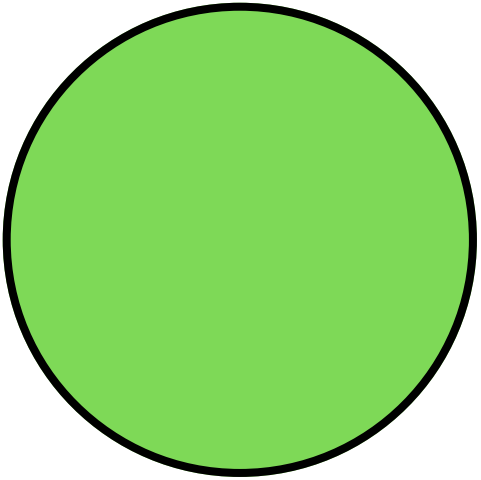
un centimètre




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

un millimètre





un cercle

