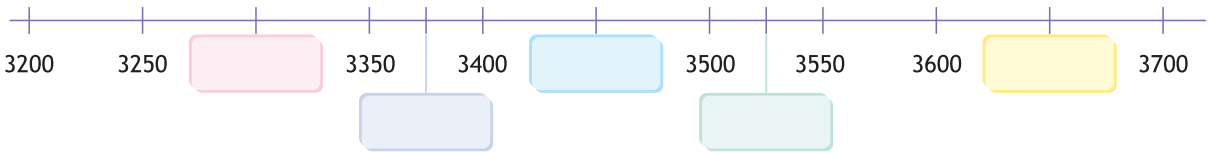
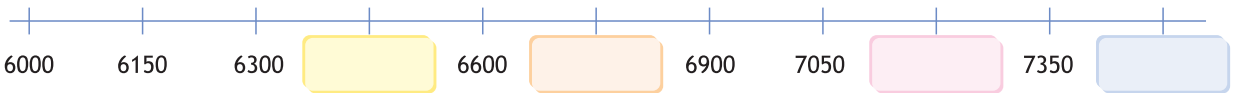
1 Fill in the missing numbers.

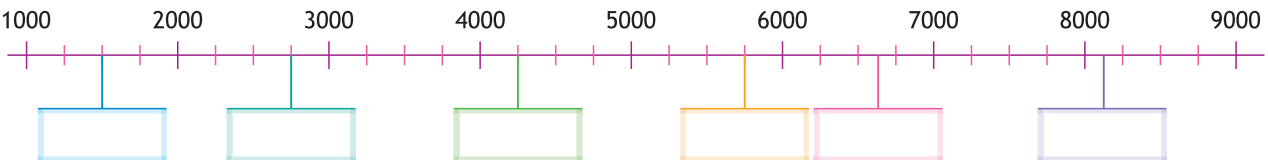
a.



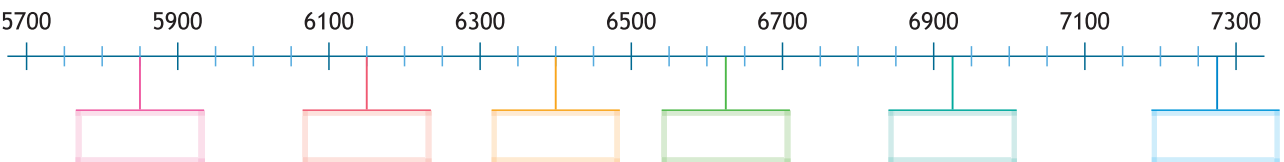
b.



c.



d.



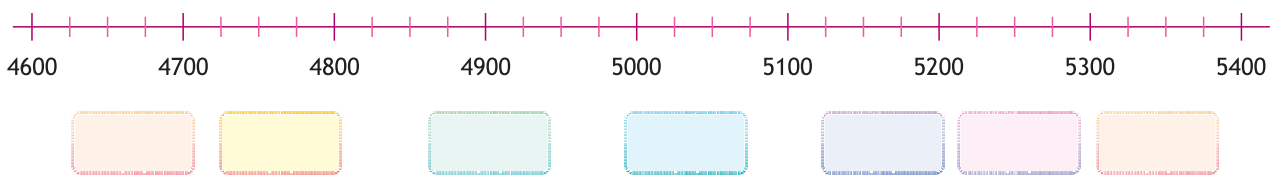
2 Show these numbers on the number lines. Use estimation if needed.

a. 4675, 4750, 4925, 5050, 5175, 5250, 5325

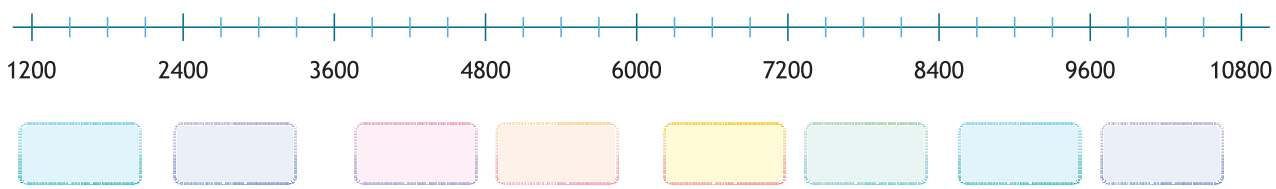
b. 1800, 2700, 4050, 5400, 6900, 7950, 9300, 9750

Draw lines (pointers) to the positions of the numbers on the number line.

a.



b.



1 Add.

a. 2 + 3 = _____

b. 4 + 9 = _____

c. 7 + 7 = _____

d. 5 + 2 + 0 = _____

e. 3 + 1 + 4 = _____

f. 6 + 4 + 2 = _____

g. 8 + 3 + 5 = _____

h. 6 + 6 + 6 = _____

i. 4 + 7 + 3 = _____

j. 2 + 3 + 5 + 4 = _____

k. 7 + 6 + 1 + 2 = _____

l. 8 + 8 + 5 + 9 = _____

m. 5 + 5 + 5 + 5 = _____

n. 9 + 0 + 4 + 6 = _____

o. 6 + 3 + 4 + 7 = _____

2 Add.

a. 30 + 40 = _____

b. 0 + 60 = _____

c. 70 + 20 = _____

d. 100 + 500 = _____

e. 600 + 300 = _____

f. 400 + 0 = _____

g. 4000 + 2000 = _____

h. 8000 + 0 = _____

i. 1000 + 5000 = _____

j. 50 + 80 = _____

k. 900 + 400 = _____

l. 7000 + 7000 = _____

3 Follow the pattern and fill the coloured boxes.

a.

271	+4			
	267	+4		
		263		
	257	+6		
251	+6			

b.

431				
	437			
		443		
	447			
451				

c.

341					
	336				
		331	332		
		325			
	318				
311					316

d.

561	562	563			
567		569			
573				577	
			582		
	586				590

1 Subtract.

a. 4362 − 925 = ____

b. 5555 − 689 = ____

c. 1043 − 78 = ____

d. 7004 − 586 = ____

e. 3127 − 2168 = ____

f. 6427 − 3729 = ____

g. 8080 − 4294 = ____

h. 5000 − 4723 = ____

2 Do these sums. To check answers, do them again on a grid and on a number line.

a. 103 − 24 = ____

101	102	103	104	105	106	107	108	109	110
91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80

b. 106 − 28 = ____

103 − 24 = 103 − 20 − 4

= 103 − ____ − ____ − ____

106 − 28 = 106 − 30 + 2

= 106 − ____ − ____ − ____ + ____

c. 271 − 23 = ____

241	242	243	244	245	246	247	248	249	250
251	252	253	254	255	256	257	258	259	260
261	262	263	264	265	266	267	268	269	270
271	272	273	274	275	276	277	278	279	280

d. 278 − 19 = ____

271 − 23 = 271 − 20 − 3

= 271 − ____ − ____ − ____

278 − 19 = 278 − 20 + 1

= 278 − ____ − ____ + ____

1 Make these tables by adding tables.

a. Table of 10
+ Table of 1
Table of 11

× 1	× 2	× 3	× 4	× 5	× 6	× 7	× 8	× 9	× 10

b. Table of 10
+ Table of 4
Table of 14

× 1	× 2	× 3	× 4	× 5	× 6	× 7	× 8	× 9	× 10

c. Table of 10
+ Table of 5
+ Table of 1
Table of 16

× 1	× 2	× 3	× 4	× 5	× 6	× 7	× 8	× 9	× 10

d. Table of 10
+ Table of 5
+ Table of 2
Table of 17

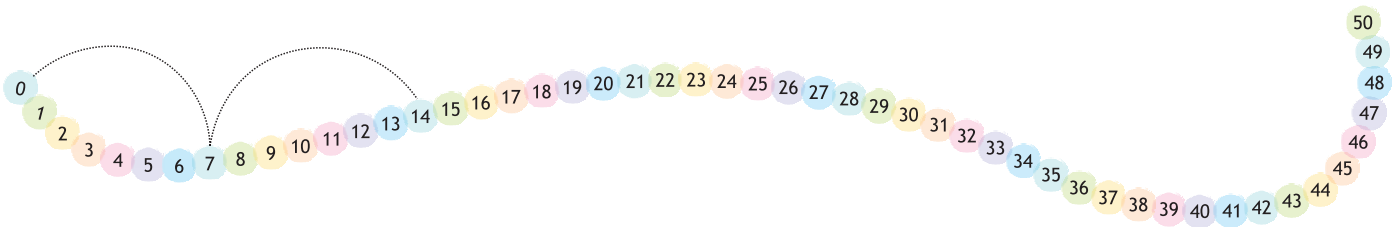
× 1	× 2	× 3	× 4	× 5	× 6	× 7	× 8	× 9	× 10

e. Table of 10
+ Table of 5
+ Table of 4
Table of 19

× 1	× 2	× 3	× 4	× 5	× 6	× 7	× 8	× 9	× 10

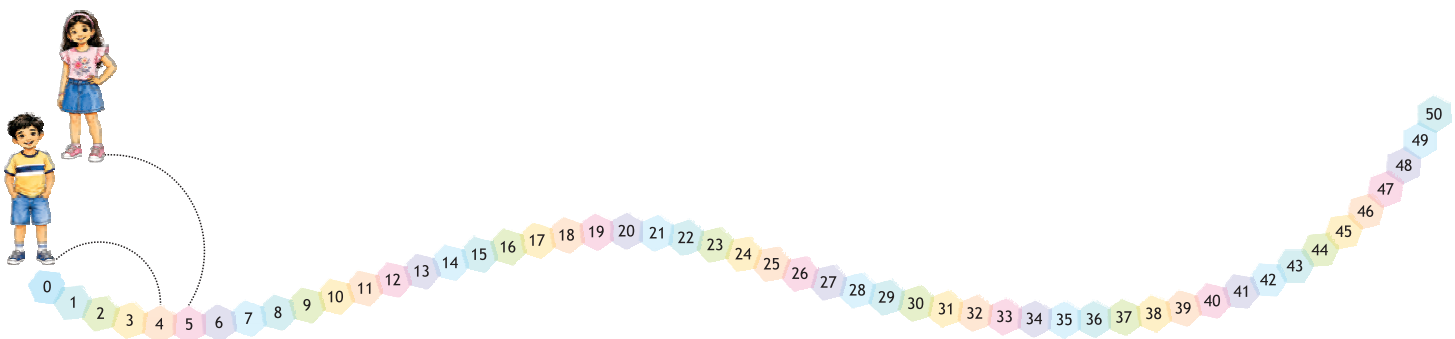
1 Answer these.

a. Jump by 7s on the tiled number path below. What is the highest number you skip jump to on the path?



The highest multiple of 7 before 50 is _____.

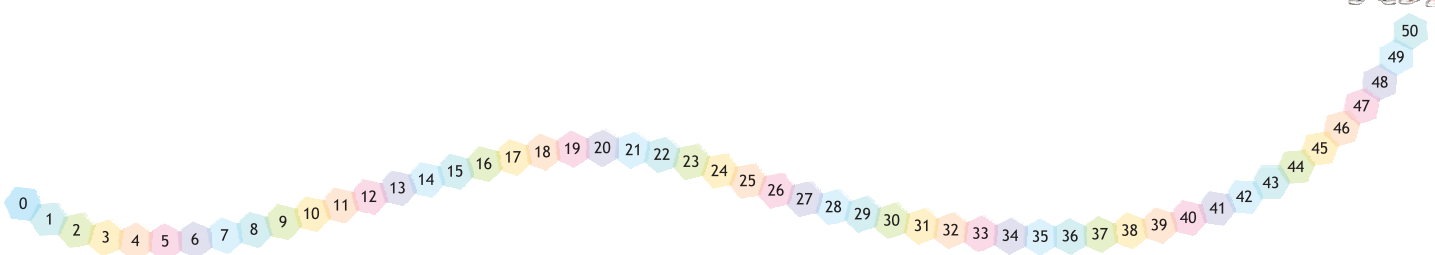
b. The girl jumps by 5s and the boy jumps by 4s on the tiled number path below.



Write the numbers of the tiles on which the girl and the boy meet. _____

Are these numbers in the 4-times table and 5-times table? _____

c. The two children start at 50 and jump backward by the same numbers as before.



The _____ (boy/girl) reaches 0. For the other child, how many tiles remain? _____

1 Write the division facts.

a. 8 × 5 = 40

..... ÷ ..... = ...

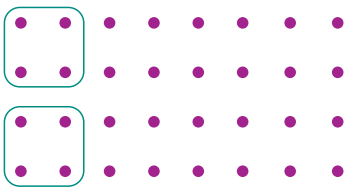
..... ÷ ..... = ...

b. 9 × 8 = 72

c. 12 × 4 = 48

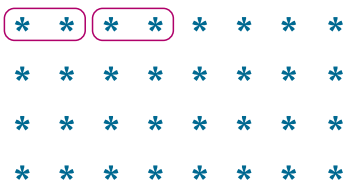
2 Complete the equal division on the grid. Then write the multiplication fact.

a.



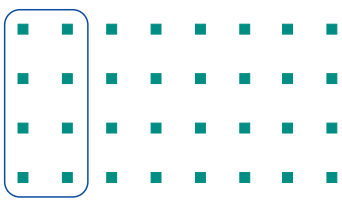
..... × ..... = ...

b.



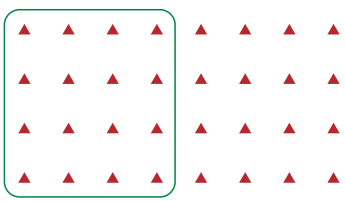
.....

c.



.....

d.



.....

Divide.

3 a. 8 ÷ 4 = _____ b. 36 ÷ 9 = _____ c. 42 ÷ 6 = _____ d. 56 ÷ 7 = _____

4 a. 45 ÷ 5 = _____ b. 72 ÷ 8 = _____ c. 60 ÷ 10 = _____ d. 33 ÷ 11 = _____

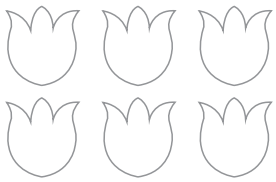
5 a. 24 ÷ 12 = _____ b. 42 ÷ 14 = _____ c. 75 ÷ 15 = _____ d. 39 ÷ 13 = _____

6 a. 90 ÷ 15 = _____ b. 65 ÷ 13 = _____ c. 56 ÷ 14 = _____ d. 84 ÷ 12 = _____

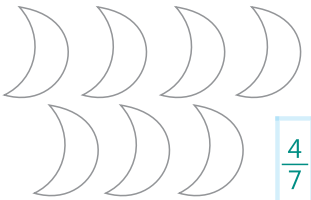
7 a. 17 ÷ 1 = _____ b. 0 ÷ 19 = _____ c. 63 ÷ 1 = _____ d. 58 ÷ 58 = _____

8 a. 40 ÷ 40 = _____ b. 22 ÷ 1 = _____ c. 0 ÷ 23 = _____ d. 16 ÷ 16 = _____

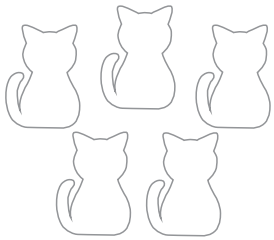
1 Colour to show the fractions.

a. 

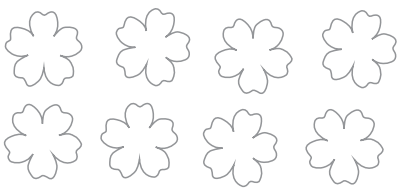
$\frac{2}{6}$

b. 

$\frac{4}{7}$

c. 

$\frac{3}{5}$

d. 

$\frac{6}{8}$

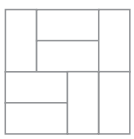
e.

$\frac{5}{11}$

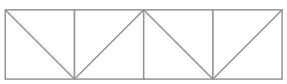
2 Colour the fractions. Then count and write as shown.

a.

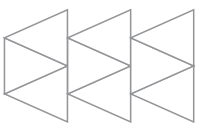
$\frac{2}{3}$ of 6 = ____

b. 

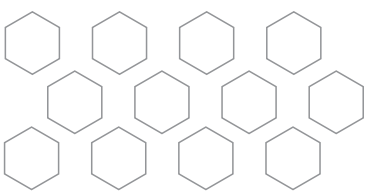
$\frac{3}{4}$ of 8 = ____

c. 

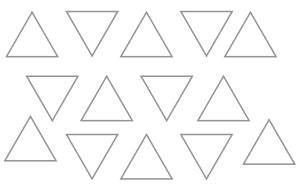
$\frac{1}{2}$ of 8 = ____

d. 

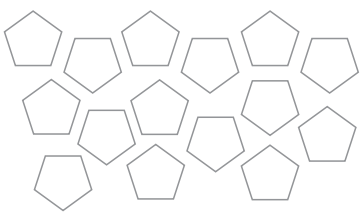
$\frac{1}{3}$ of 9 = ____

e. 

$\frac{4}{6}$ of 12 = ____

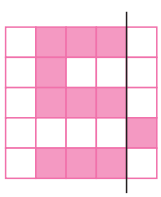
f. 

$\frac{3}{7}$ of 14 = ____

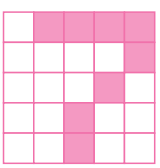
g. 

$\frac{2}{5}$ of 15 = ____

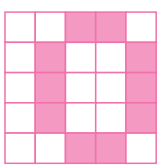
3 Draw a line to divide each grid into two rectangles. The fraction of pink squares in each rectangle should match one of the fractions on the right. One is done.

a. 

$\frac{1}{2}$ $\frac{1}{5}$

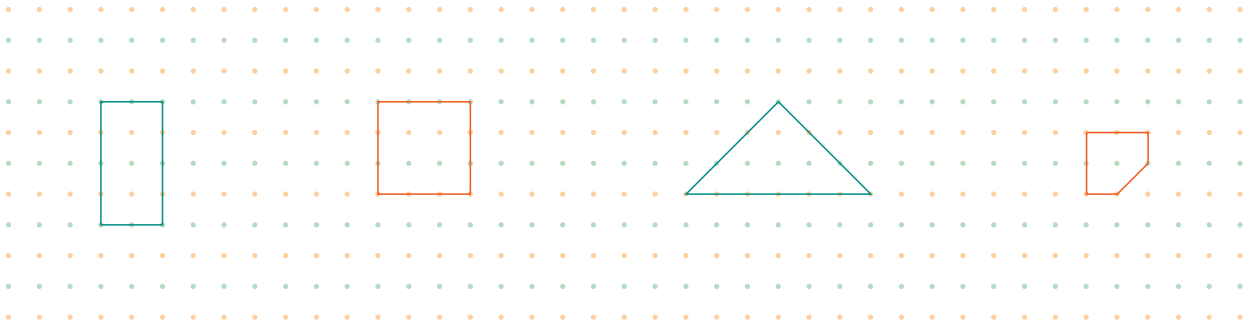
b. 

$\frac{1}{2}$ $\frac{1}{5}$

c. 

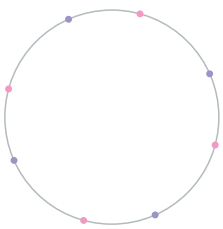
$\frac{1}{2}$ $\frac{1}{3}$

1 Draw two larger ones around the small one by joining dots.



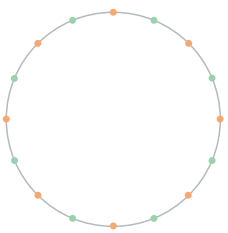
2 Do these by joining dots on the circle.

a.



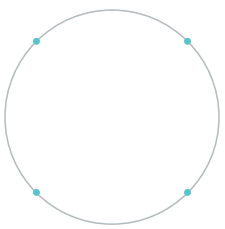
Draw squares.
How many did you get?

b.



Draw rectangles.
How many different kinds did you get?

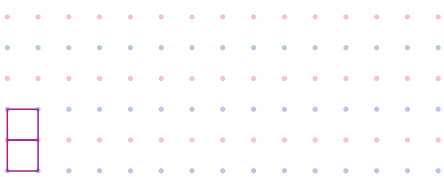
c.



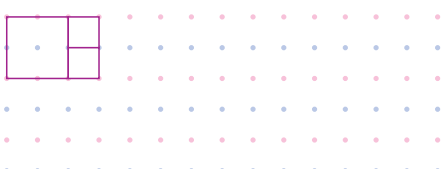
Draw triangles.
How many did you get?

3 Join dots to make two more shapes, as shown. Do not copy the examples. Make different shapes of different sizes.

a. Join 2 squares to make shapes.



b. Join 3 squares to make shapes.

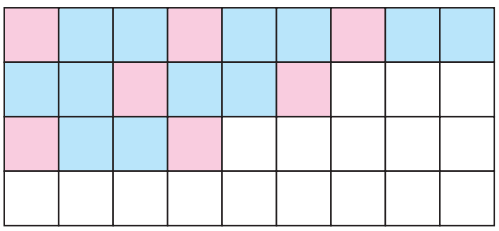


c. Join 4 squares to make shapes.

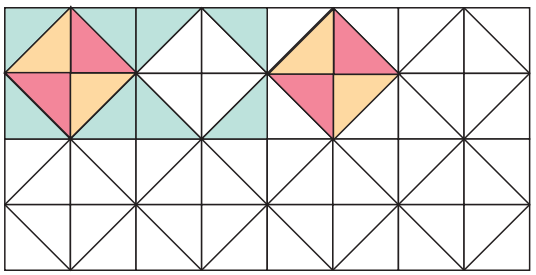
d. Draw shapes made of a square and a rectangle.

1 Colour to continue the pattern.

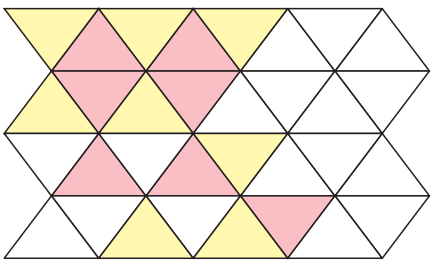
a.



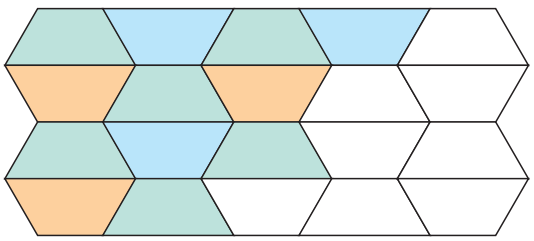
b.



c.



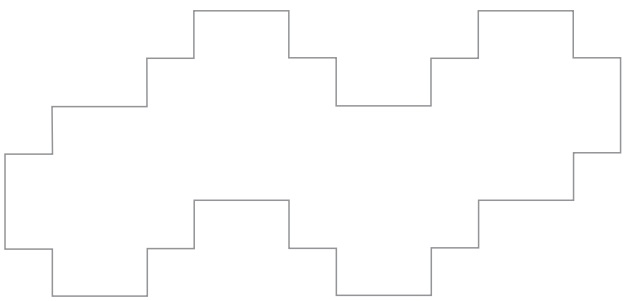
d.



2 Draw tiles in the given space to make a pattern with no gaps or overlaps.

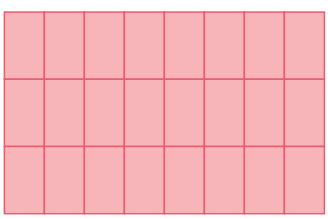
a.

b.



3 Count and write the number of tiles in a row.

a.

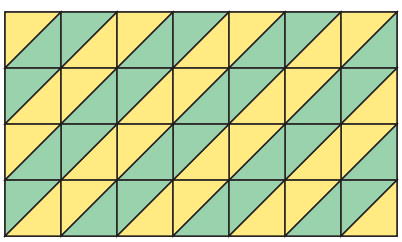


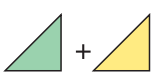
tiles in a row = _____.

Number of rows = _____.

Number of tiles needed = _____.

b.



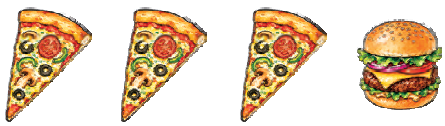
 tiles in a row = _____.

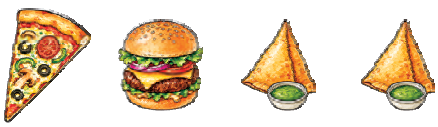
Number of rows = _____.

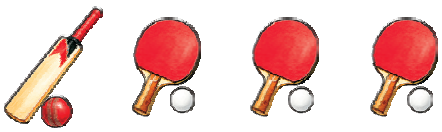
Number of tiles needed = _____.

1 Look at the clues and write the numbers.

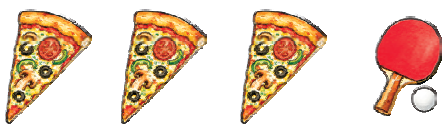
a. = _____

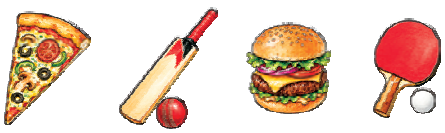
b.  = _____

c.  = _____

d.  = _____

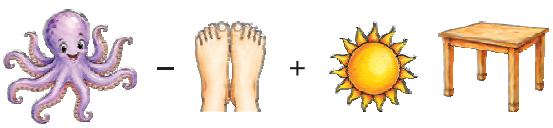
e. = _____

f.  = _____

g.  = _____

h. = _____

2 Look at the clues. Write the numbers in digits and do the sums.

a.  = _____ – _____ + _____ = _____

b. = _____ + _____ – _____ = _____

c.

= _____ – _____ – _____ + _____ = _____

1 Write the time.

a. :

b. :

c. :

d. :

e. :

f. :

g. :

h. :

i. :

j. :

2 Write the time in words.

a.

_____

b.

_____

c.

_____

d.

_____

e.

_____

f.

_____

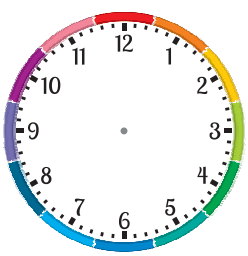
g.

_____

h.

_____

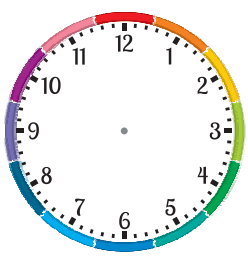
3 Draw the hands of the clock to show the time.

a. 

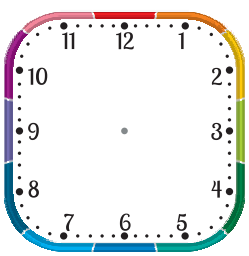
half past 1

b.

quarter to 4

c. 

10 minutes to 10

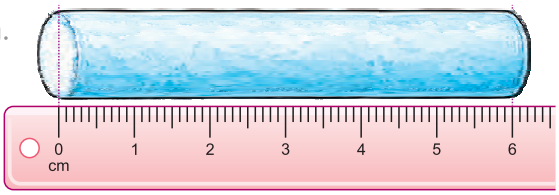
d. 

25 minutes past 7

18. Measurement of Length

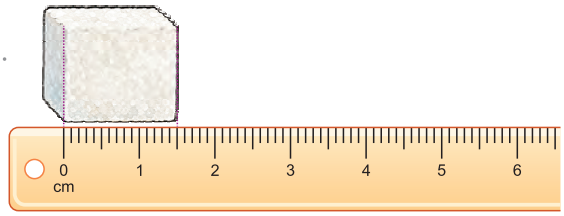
1 Measure these.

a.



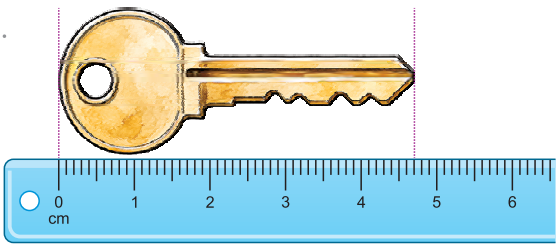
.....

b.



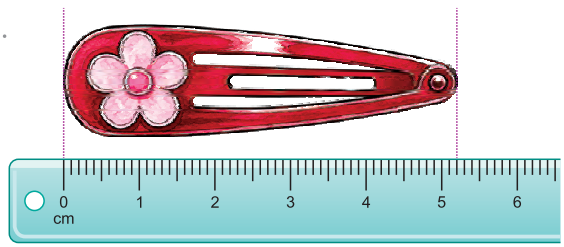
.....

c.



.....

d.



.....

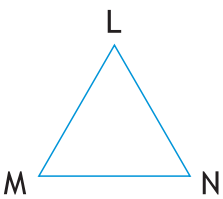
2 Place your ruler along the line segment, measure it and write its length.

a.

QR = _____

RS = _____

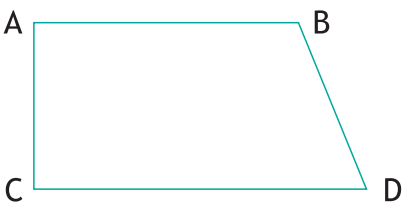
b.



LN = _____

ML = _____

c.



AB = _____

CD = _____

BD = _____

3 Change to centimetres.

a. 8 m = _____

b. 13 m = _____

c. 27 m = _____

d. 55 m = _____

e. 6 m 75 cm = _____

f. 34 m 56 cm = _____

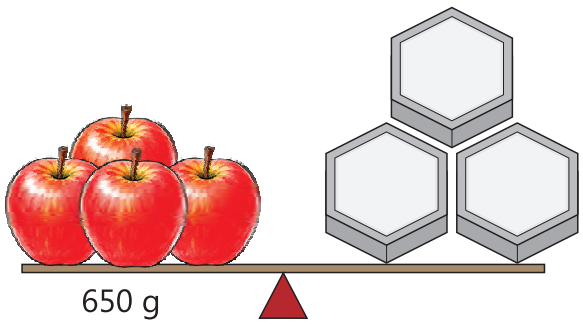
g. 52 m 30 cm = _____

h. 70 m 8 cm = _____

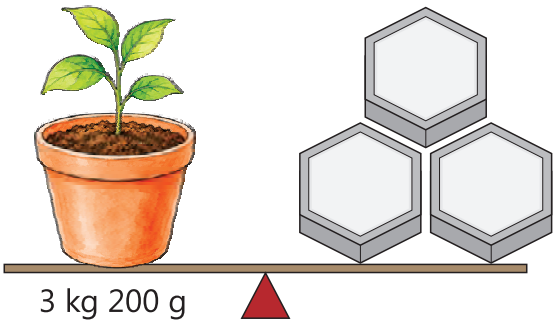
19. Measurement of Mass

1 Write the weights you will use to balance the two sides.

a.



b.



2 Change to grams.

a. 2 kg = _____

b. 5 kg = _____

c. 9 kg = _____

d. 4 kg 500 g = _____

e. 3 kg 217 g = _____

f. 8 kg 693 g = _____

g. 5 kg 55 g = _____

h. 7 kg 4 g = _____

3 Change to kilograms.

a. 4000 g = _____

b. 6000 g = _____

c. 3000 g = _____

d. 7000 g = _____

e. 8000 g = _____

f. 10000 g = _____

4 Change to kilograms and grams.

a. 7352 g
_____ kg _____ g

b. 8921 g
_____ kg _____ g

c. 2608 g
_____ kg _____ g

d. 9140 g
_____ kg _____ g

e. 2300 g
_____ kg _____ g

f. 6017 g
_____ kg _____ g

g. 4009 g
_____ kg _____ g

h. 7050 g
_____ kg _____ g

1 Write the number of small packs or bottles needed to fill the big one.

a.

1-L milk carton

250-mL milk pouch

b.

700-mL bottle of kitchen soap

100-mL pouch of kitchen soap

c.

2-L soft drink bottle

400-mL soft drink bottle

2 Change to millilitres.

a. 4 L = _____

b. 7 L = _____

c. 8 L = _____

d. 2 L 250 mL = _____

e. 7 L 384 mL = _____

f. 1 L 92 mL = _____

g. 3 L 60 mL = _____

h. 9 L 4 mL = _____

3 Change to litres.

a. 1000 mL = _____

b. 5000 mL = _____

c. 2000 mL = _____

d. 3000 mL = _____

e. 6000 mL = _____

f. 9000 mL = _____

4 Change to litres and millilitres.

a. 6400 mL
_____ L _____ mL

b. 4720 mL
_____ L _____ mL

c. 3568 mL
_____ L _____ mL

d. 9206 mL
_____ L _____ mL

e. 7085 mL
_____ L _____ mL

f. 2409 mL
_____ L _____ mL

g. 1008 mL
_____ L _____ mL

h. 3007 mL
_____ L _____ mL

1 Look at the table and fill in the blanks.

a. _____ skipped the most number of times.

b. Jai skipped _____ times in a minute.

c. _____ skipped 7 more times than Tashi.

d. _____ skipped the least number of times.

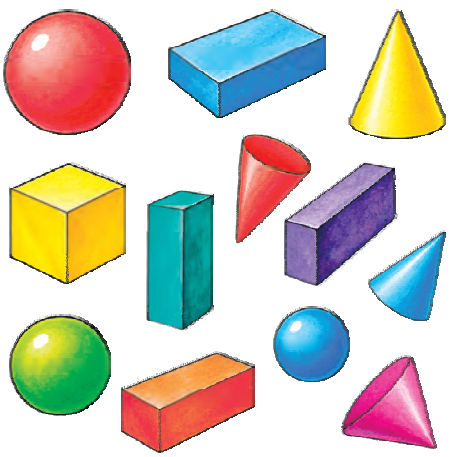
e. Elina skipped _____ fewer times than Jai.

f. _____ and _____ skipped more than 40 times.

Name	Number of skips in a minute
Tashi	34
Zubin	41
Jai	38
Sana	29
Raman	46
Elina	32

2 Use tally marks to show the number of each solid shape. Write the total. Cross out the shapes you have counted.

	Tally marks	Total
Cuboid		
Sphere		
Cone		



3 The bar graph shows children's favourite snacks. Look at it and fill in the blanks.

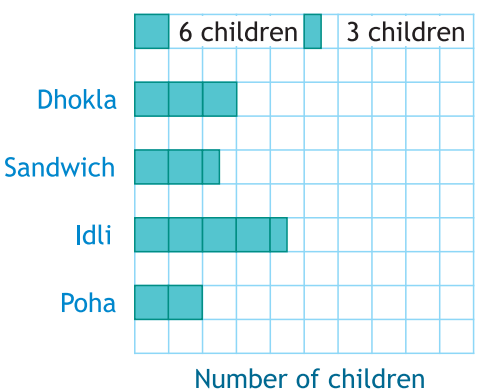
a. _____ children like dhokla.

b. The largest number of children like _____.

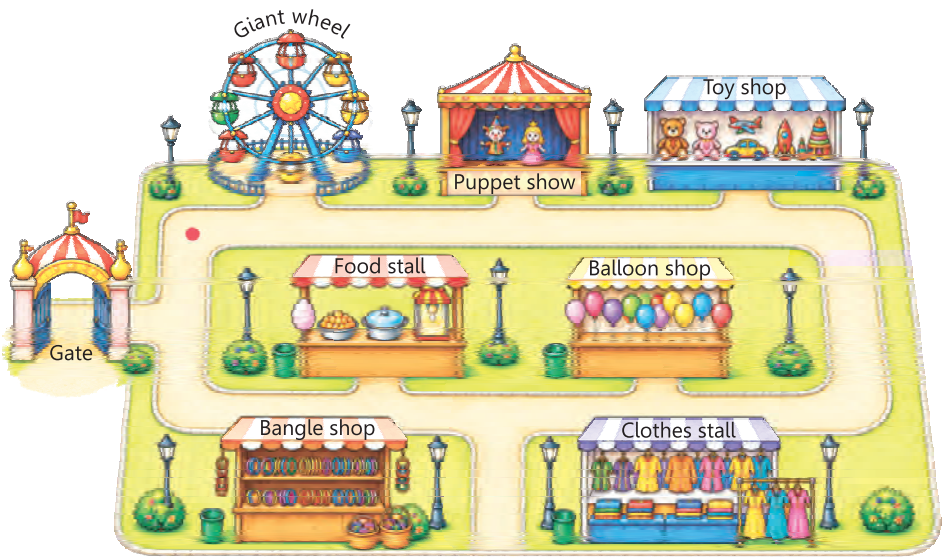
c. _____ more children like sandwich than poha.

d. In all, _____ children like poha or dhokla.

e. _____ fewer children like dhokla than idli.



1 Here is a map of a mela. Look at it and fill in the blanks.



a. Shreya starts at the red dot. She moves forward and turns _____ to reach the giant wheel.

b. From the giant wheel, she takes two _____ turns to reach the puppet show.

c. From the toy shop, she turns left, then _____ , then _____ , then _____ to go to the bangle shop.

d. From the bangle shop, Shreya takes a _____ turn, then _____ turn to go to the balloon shop.

2 See this map of the housing complex. Then answer the questions.

a. Which roads can you take to go from tower A to tower B?

.....

.....

.....

b. Which is the shortest road between the two towers?

.....