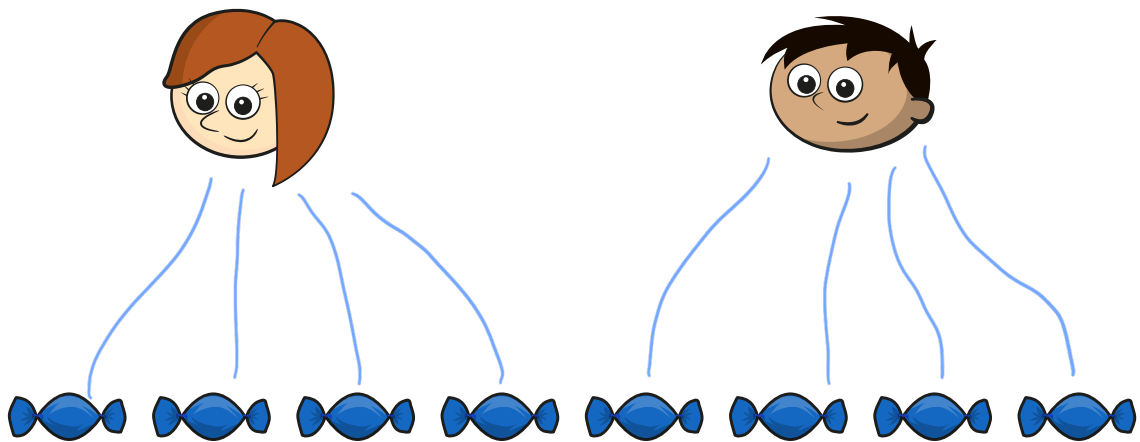


Make equal groups – sharing

- I** Rosie and Amir are sharing some sweets.



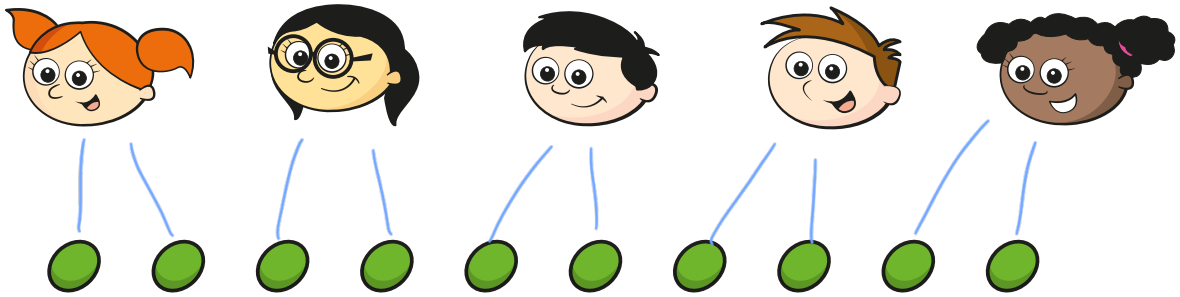
- a) Draw lines to share the sweets equally.
- b) How many sweets does each child get?

Each child gets sweets.

8 sweets shared equally between 2 is



2 Five children share some grapes.

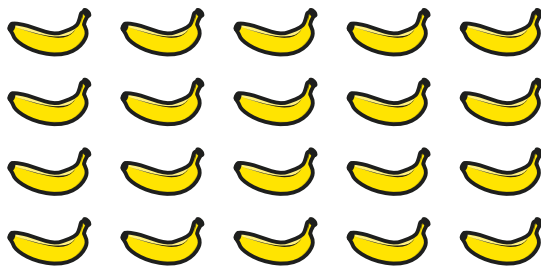


- a) Draw lines to share the grapes equally.
- b) How many grapes does each child get?

Each child gets grapes.

10 grapes shared equally between 5 is

3 Ron needs to share 20 bananas between 5 boxes.



How many bananas will there be in each box?

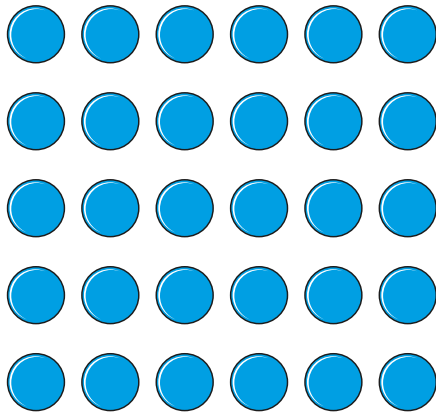
20 bananas shared between 5 boxes is

There will be bananas in each box.





4 Use 30 counters.



a) Share the counters between 2 friends.

How many counters does each friend get?

15

b) Share the counters between 5 friends.

How many counters does each friend get?

6

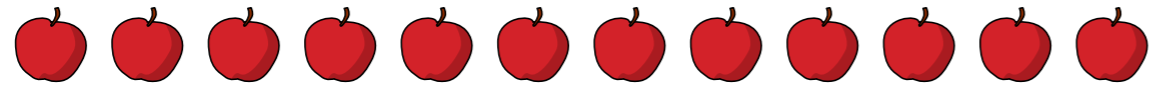
c) Share the counters between 10 friends.

How many counters does each friend get?

3

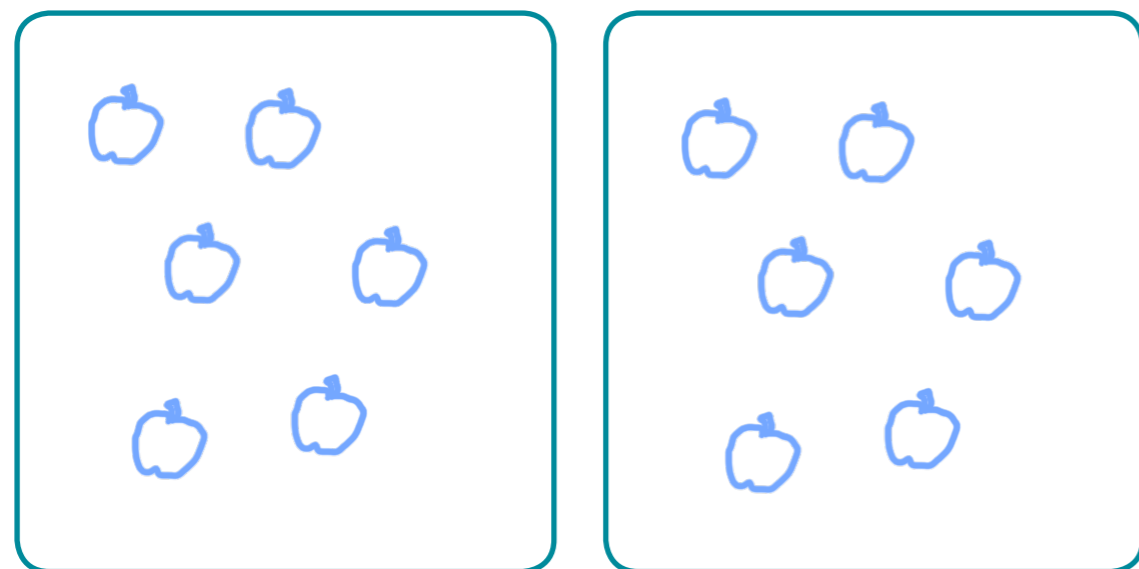
Make equal groups – sharing

1 Annie has 12 apples.



She shares them equally into 2 boxes.

Show how Annie shares the apples equally.



Complete the sentences.

There are 12 apples.

There are boxes.

There are apples in each box.



2 Take 20 cubes.

a) Share them into 2 equal groups.
Complete the sentences.

There are 20 cubes.

There are groups.

There are cubes in each group.

b) Share the cubes into 5 equal groups.
Complete the sentences.

There are 20 cubes.

There are groups.

There are cubes in each group.

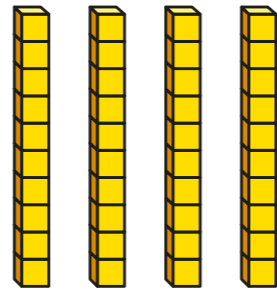
c) You can share 20 into other equal groups.

Is this true? Yes

How do you know?



- 3 Complete the divisions.
Use base 10 to help you.



a) $40 \div 2 = \boxed{20}$

c) $40 \div 5 = \boxed{8}$

b) $40 \div 4 = \boxed{10}$

d) $40 \div 10 = \boxed{4}$

Did you have to make any exchanges?

- 4 30 flowers are shared equally between 5 vases.



- a) Complete the division.

$$\boxed{30} \div \boxed{5} = \boxed{6}$$

- b) What does each part of the division represent?
Talk about it with a partner.

- 5 Complete the divisions.

A $20 \div 5 = \boxed{4}$

C $20 \div \boxed{10} = 2$

B $20 \div 4 = \boxed{5}$

D $20 \div 2 = \boxed{10}$

Write a letter in each box to match the divisions to the sentences.

Dora has 20 apples. She shares them equally between 4 boxes.

Ron has 20 sweets. He shares them equally between some party bags. There are 2 sweets in each party bag.

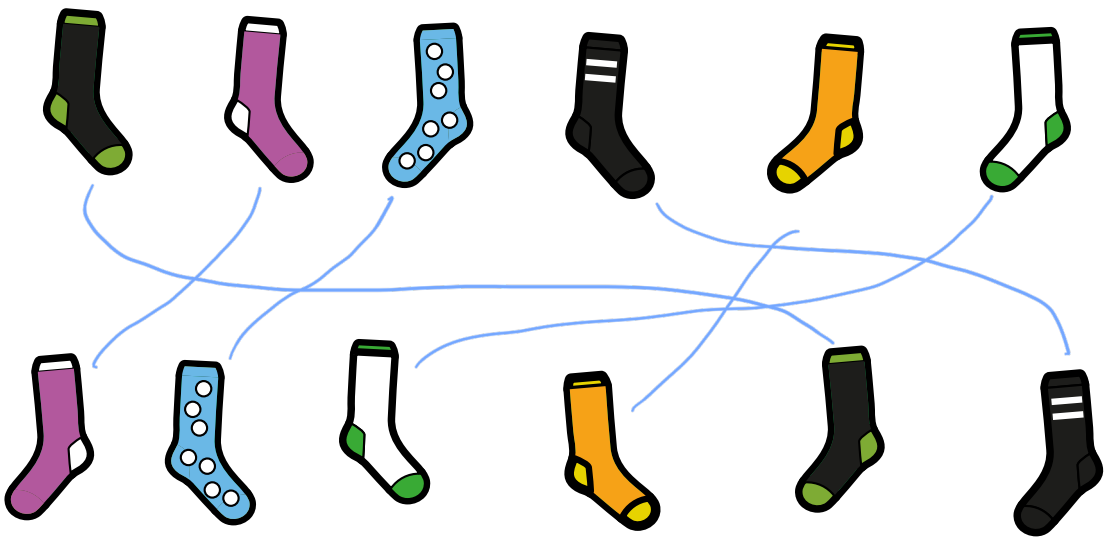
Dexter has 20 toy cars. He shares them equally between 5 boxes.

Whitney has 20 dolls. She shares them equally with her sister.

What other sentences can you think of to match the divisions?

Make equal groups – grouping

I Here are some socks.



a) Draw lines to match the pairs of socks.



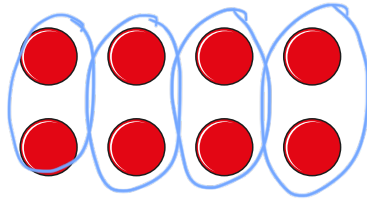
b) Complete the sentences.

There are socks altogether.

There are socks in each pair.

There are pairs of socks.

2 Here are some counters.



a) Circle groups of 2

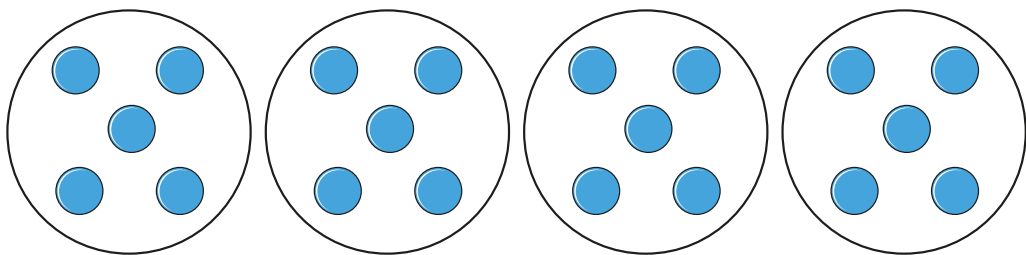
b) Complete the sentences.

There are counters altogether.

There are equal groups of 2 counters.

3 Complete the sentences.

a)

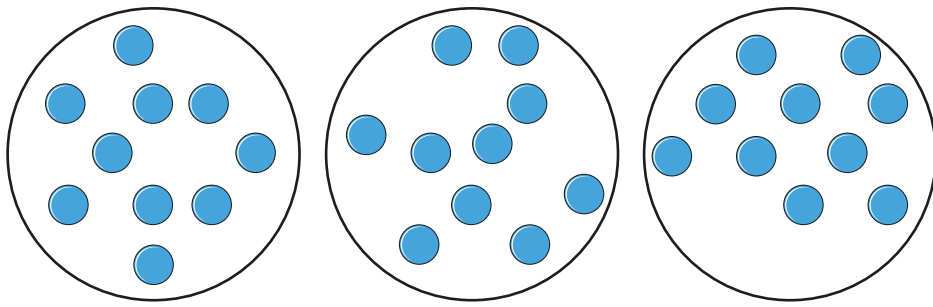


There are counters altogether.

There are equal groups of counters.



b)



There are counters altogether.

There are equal groups of counters.

4

Use 30 counters.

a) How many equal groups of 2 can you make?

b) How many equal groups of 5 can you make?

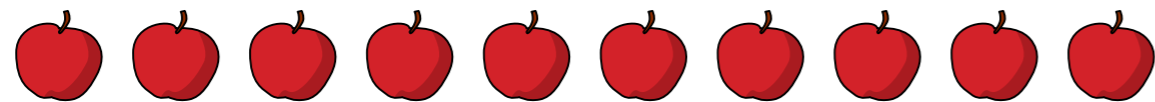
c) How many equal groups of 10 can you make?

Talk about your answers.

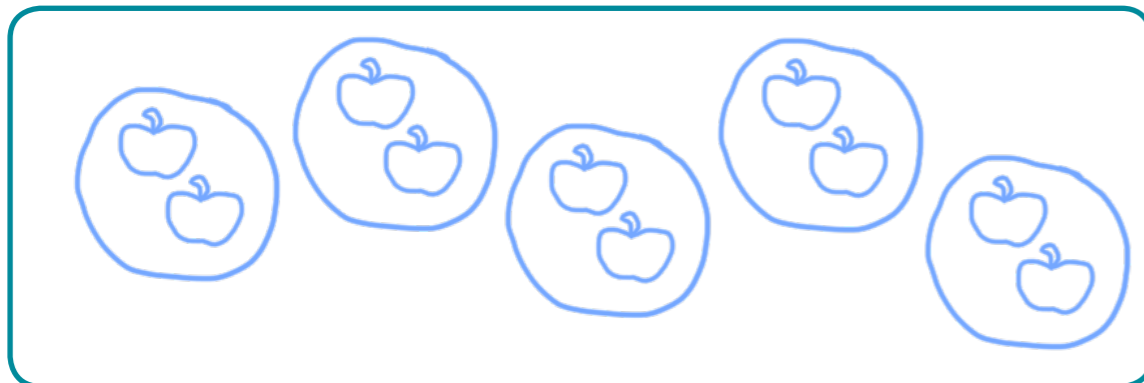


Make equal groups – grouping

1 Annie has 10 apples.



Annie has some plates.
She wants to put 2 apples on each plate.
Show how Annie groups the apples.



Complete the sentences.

There are apples.

There are apples on each plate.

There are plates.



2 Take 15 counters.



Put the counters into groups of 3
Complete the sentences.

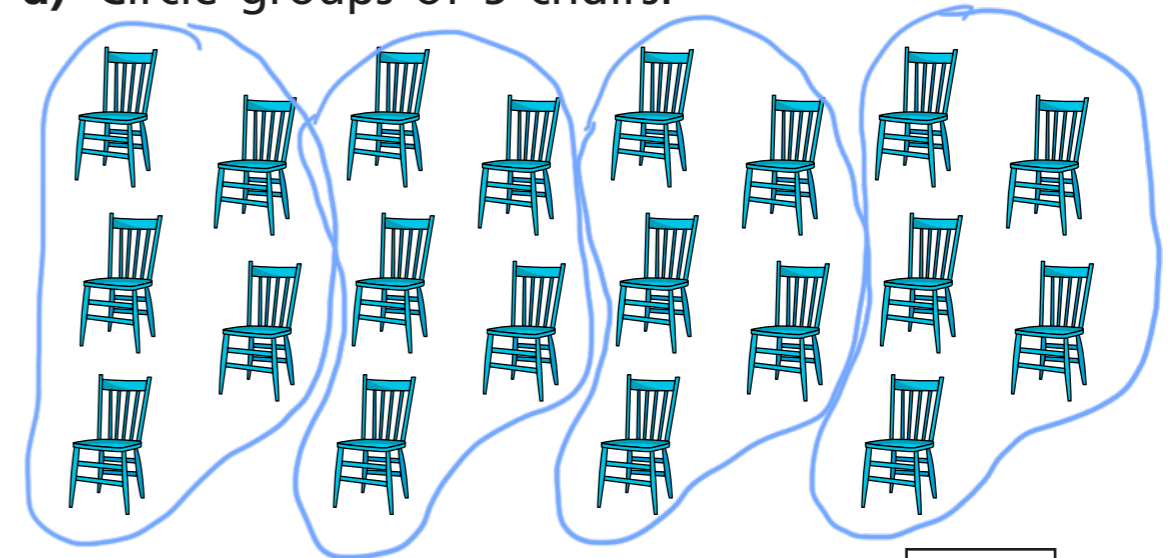
There are 15 counters.

The counters are in groups of

There are groups.

3 Mo has 20 chairs.

a) Circle groups of 5 chairs.



b) How many groups did you circle?

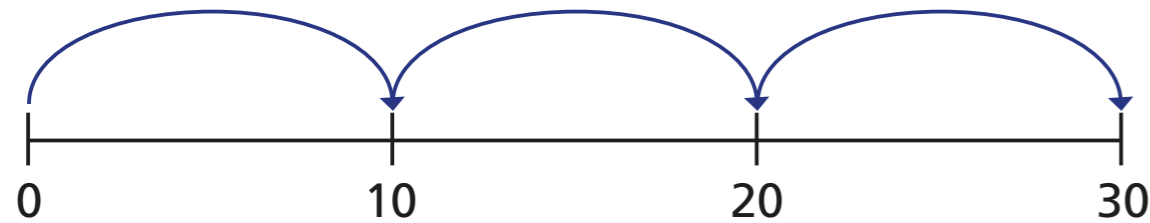
c) Complete the number sentence.

$$\boxed{20} \div \boxed{5} = \boxed{4}$$



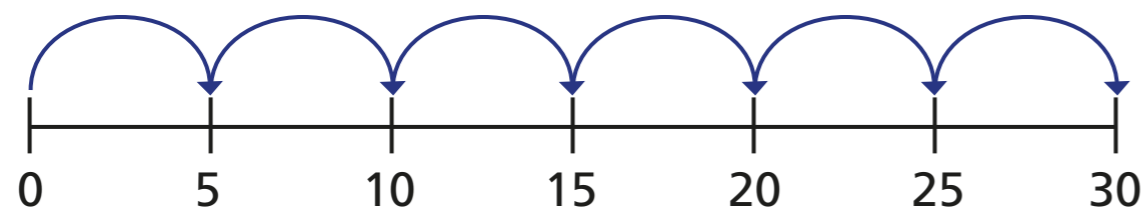
- 4 Complete the number sentences.
Use the number line to help you.

a) $30 \div 10 =$



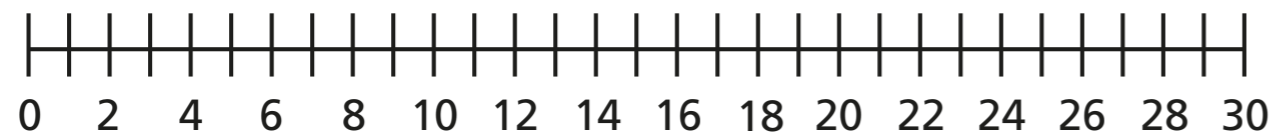
30 is made of equal groups of

b) $30 \div 5 =$



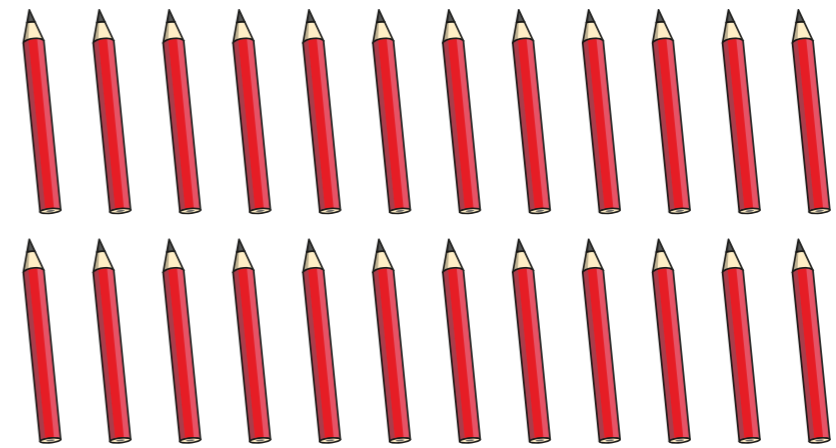
30 is made of equal groups of

- c) Investigate other equal groups you could make with 30.



Talk about it with a partner

- 5 Eva is putting 24 pencils into pots.



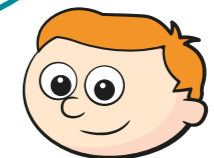
She puts 2 pencils into each pot.
How many pots does Eva need?

\div =

Eva needs pots.

- 6

With 40 counters you can only make equal groups of 4 and 10



Is Ron correct? NO

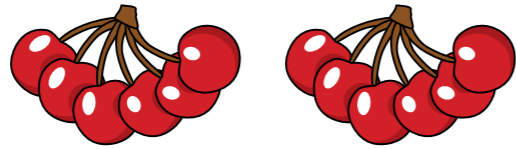
Use counters to show how you know.



Divide by 2

1 Complete the sentences.

a)



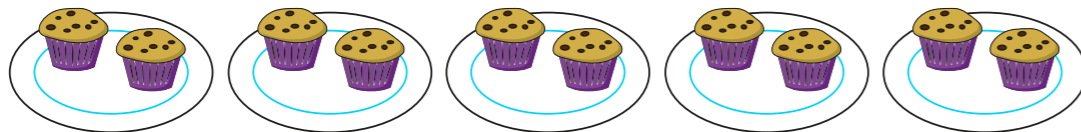
There are 12 cherries.

There are groups.

There are cherries in each group.

$$12 \div 2 = \text{input type="text" value="6"} \quad 2 \times \text{input type="text" value="6"} = 12$$

b)



There are 10 muffins.

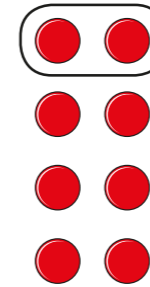
There are muffins in each group.

There are groups.

$$10 \div 2 = \text{input type="text" value="5"} \quad \text{input type="text" value="5"} \times 2 = 10$$

2 Complete the number sentences for each array.

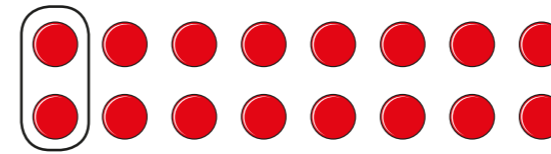
a)



$$\text{input type="text" value="4"} \times 2 = 8$$

$$8 \div 2 = \text{input type="text" value="4"}$$

b)



$$\text{input type="text" value="8"} \times 2 = 16$$

$$16 \div 2 = \text{input type="text" value="8"}$$

3 There are 14 socks.



Amir puts them in pairs.

a) How many pairs of socks does he have?

$$\text{input type="text" value="7"}$$

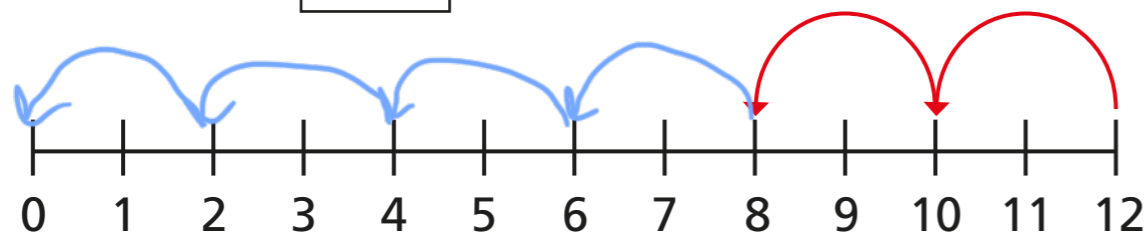
b) Complete the number sentence.

$$\text{input type="text" value="14"} \div \text{input type="text" value="2"} = \text{input type="text" value="7"}$$

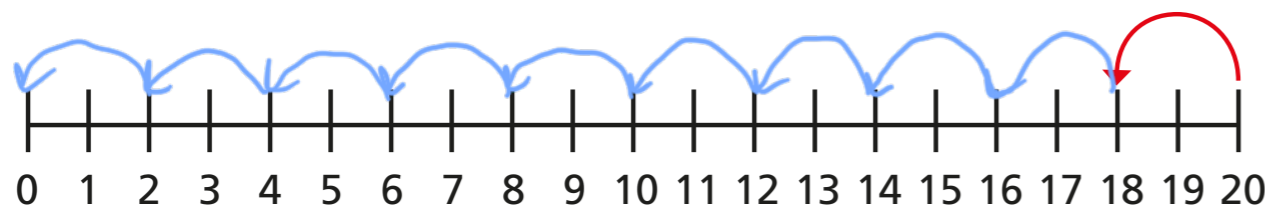


4 Use the number lines to complete the division sentences.

a) $12 \div 2 = \boxed{6}$



b) $20 \div 2 = \boxed{10}$



Is there another way to work this out?



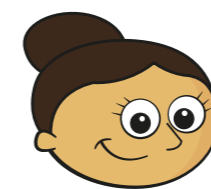
5 Alex has 22 pencils.
She puts them into pots.
Each pot has 2 pencils.
How many pots does Alex need?



$22 \div 2 = \boxed{11}$

Alex needs $\boxed{11}$ pots.

6



If I know my 2 times-table, I can use this to help me divide by 2

Do you agree with Dora? yes

Talk about it with a partner.



7 Complete the divisions.

a) $6 \div 2 = \boxed{3}$

e) $\boxed{10} \div 2 = 5$

b) $10 \div 2 = \boxed{5}$

f) $\boxed{12} \div 2 = 6$

c) $14 \div 2 = \boxed{7}$

g) $\boxed{18} \div 2 = 9$

d) $0 \div 2 = \boxed{0}$

h) $\boxed{22} \div 2 = 11$

