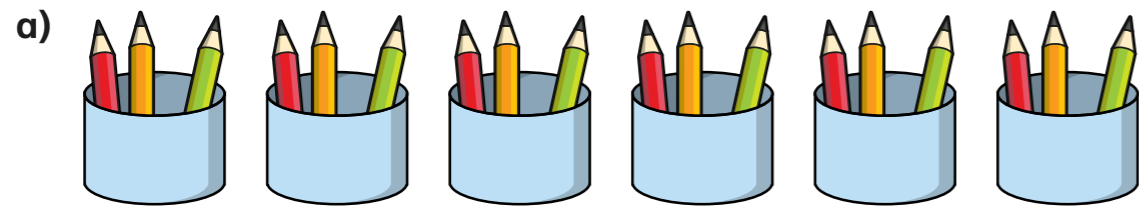


Multiply by 3

1 Complete the sentences.

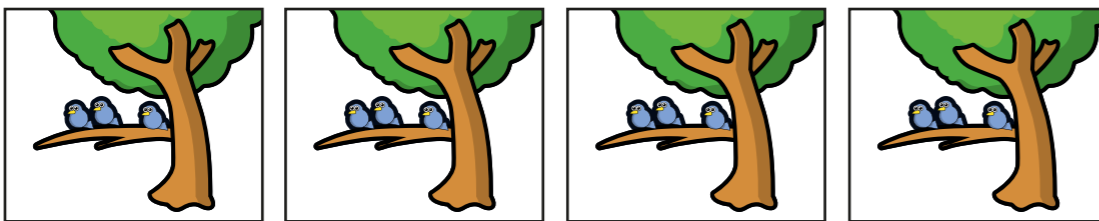


There are equal groups of

$$\square + \square + \square + \square + \square + \square = \square$$

$$\square \times \square = \square$$

b)



There are equal groups of

$$\square = \square + \square + \square + \square$$

$$\square = \square \times \square$$

c)



There are equal groups of

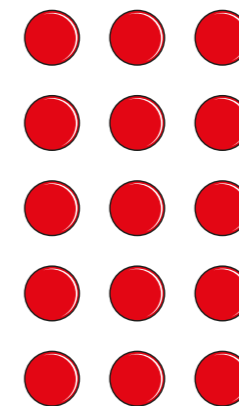
$$\square + \square + \square + \square + \square + \square + \square = \square$$

$$\square \times \square = \square$$

Could you write the number sentences in a different way?

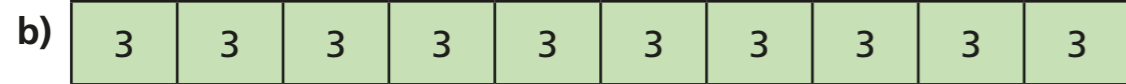
2 Write two multiplication sentences for each part of the question.

a)



$$\square \times \square = \square$$

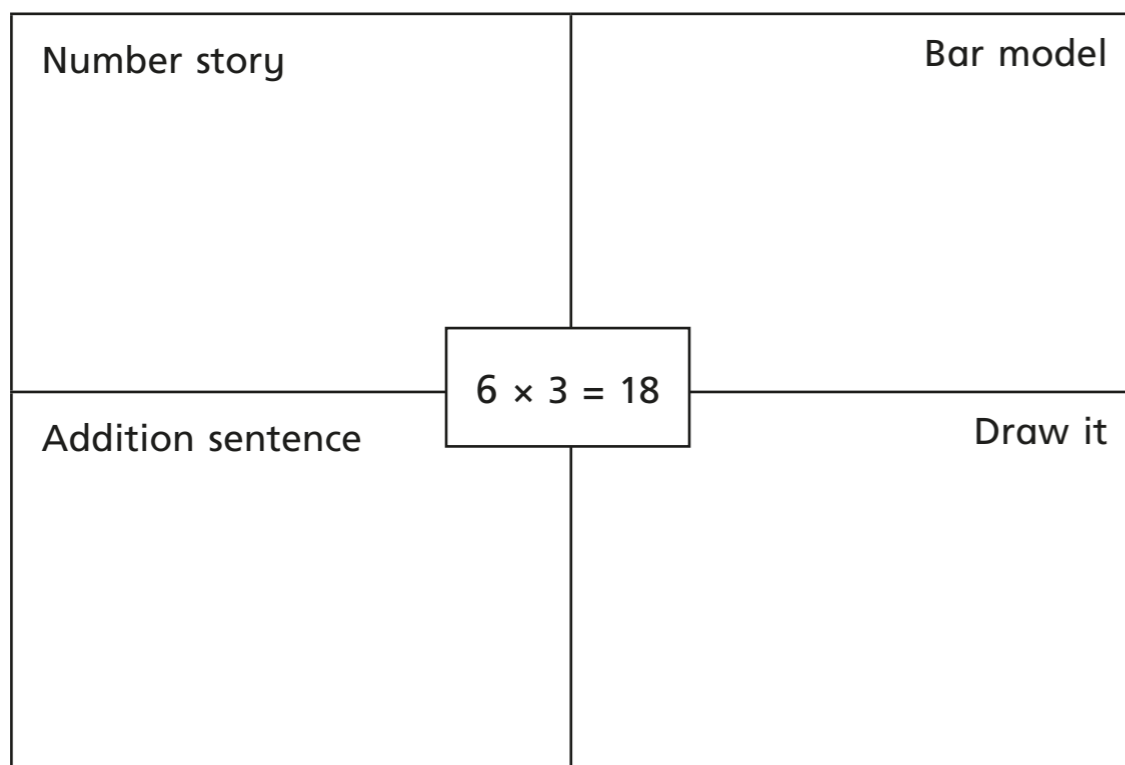
$$\square \times \square = \square$$



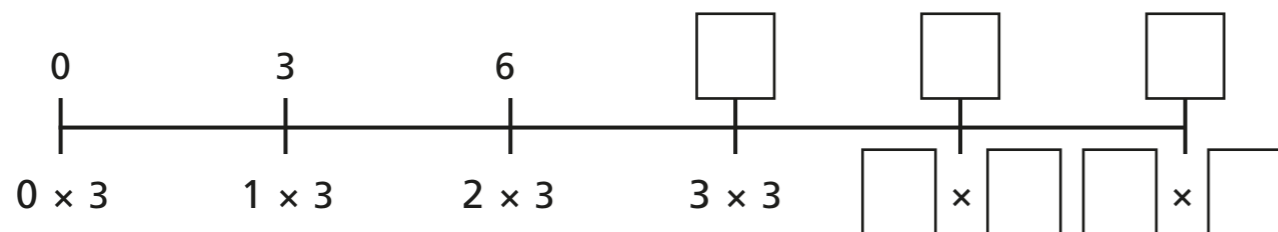
× =

× =

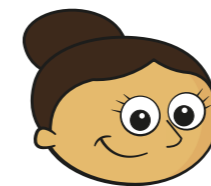
3 Complete the diagram.



4 Complete the number line.



5



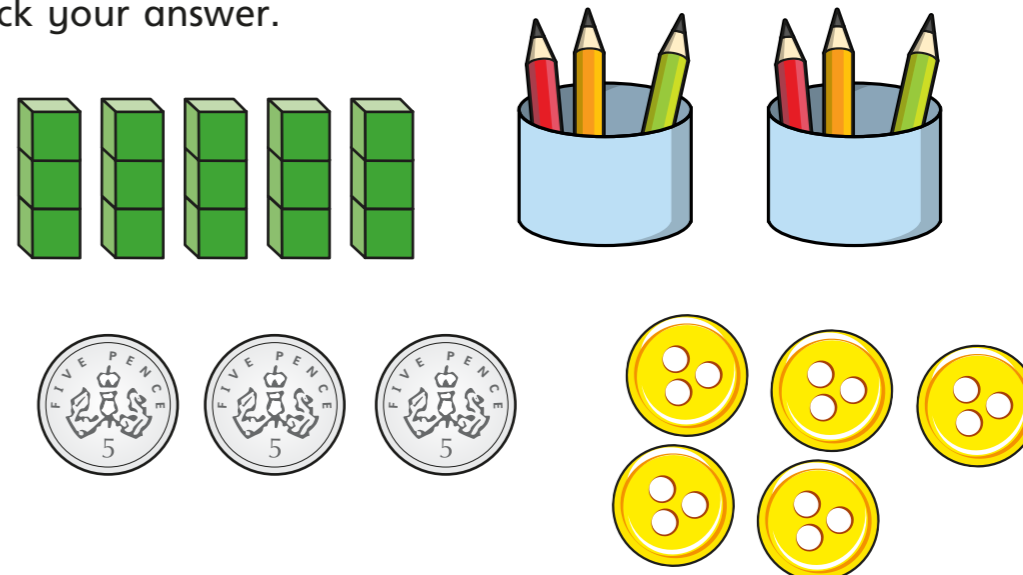
6 lots of 3
is 6 more than
5 lots of 3

Do you agree with Dora? _____

Explain why.

6 Which is the odd one out?

Tick your answer.



Explain your answer.

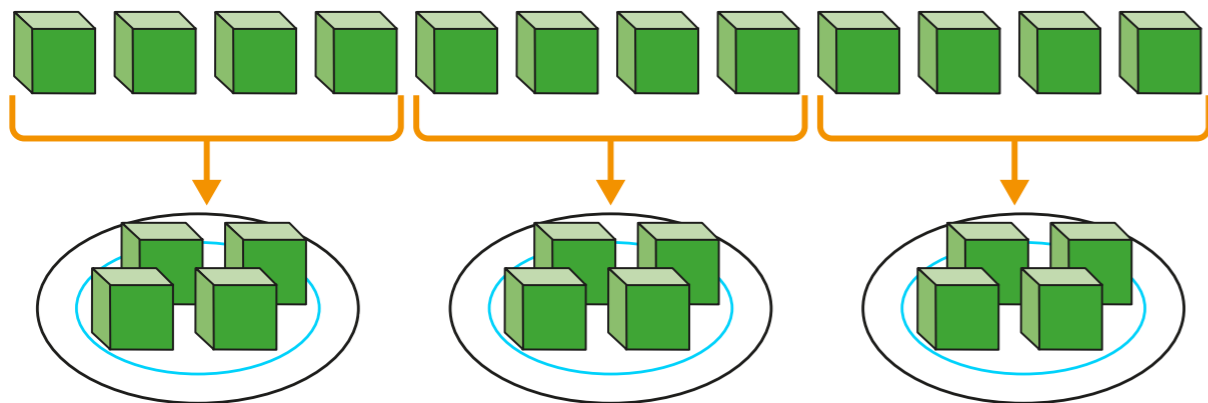
Is there more than one answer?



Divide by 3



1



Complete the sentences.

There are 12 cubes.

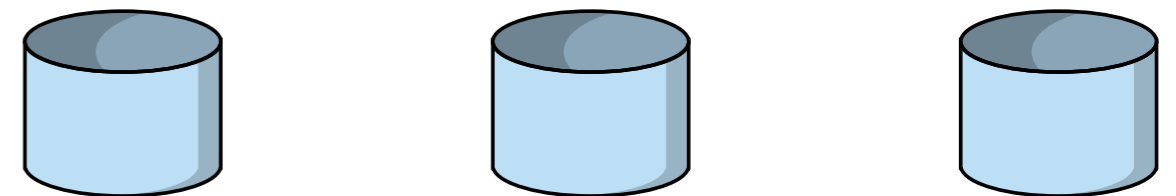
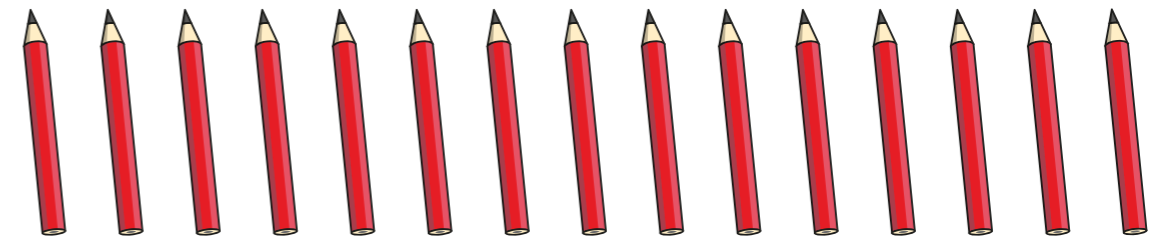
There are plates.

Each plate has cubes.

12 divided into equal groups is

2 Mo has 15 pencils.

He shares them equally into 3 pots.



How many pencils will there be in each pot?

There will be pencils in each pot.

3 Divide 18 counters into groups of 3 counters.

Draw a picture to show what this would look like.

How many groups did you draw?

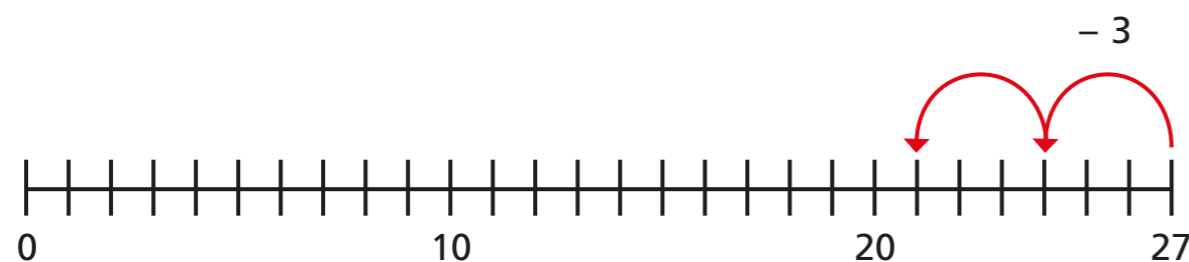
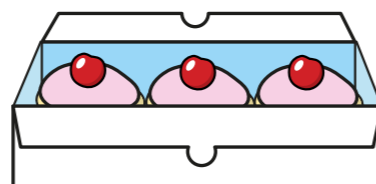


4 There are 27 cakes.

A box can hold 3 cakes.

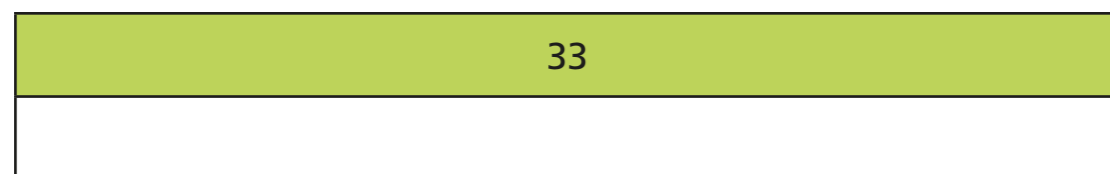
How many boxes of 3 cakes can be filled?

Use the number line to help you.



boxes of 3 cakes can be filled.

5 Complete the bar model for the division $33 \div 3 = 11$



Is there more than one way to do this?

6 Complete the division statements for each problem.

a) Esther has 21 balloons.

She puts them into 3 party bags.

How many balloons are in each party bag?

$$\square \div \square = \square$$

b) Nijah has 36 apples.

In each box there are 3 apples.

How many boxes are there?

$$\square \div \square = \square$$

c) 24 children stand in groups of 3

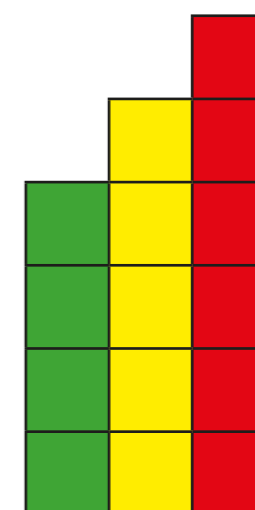
How many groups are there?

$$\square \div \square = \square$$

7 Numbers that follow each other when you count are called consecutive numbers.

Three consecutive numbers can form a staircase.

Here is 4, 5 and 6



When you add three consecutive numbers, the total can always be divided equally by 3

Is this statement correct?

Talk about it with a partner.

