Divide by 3
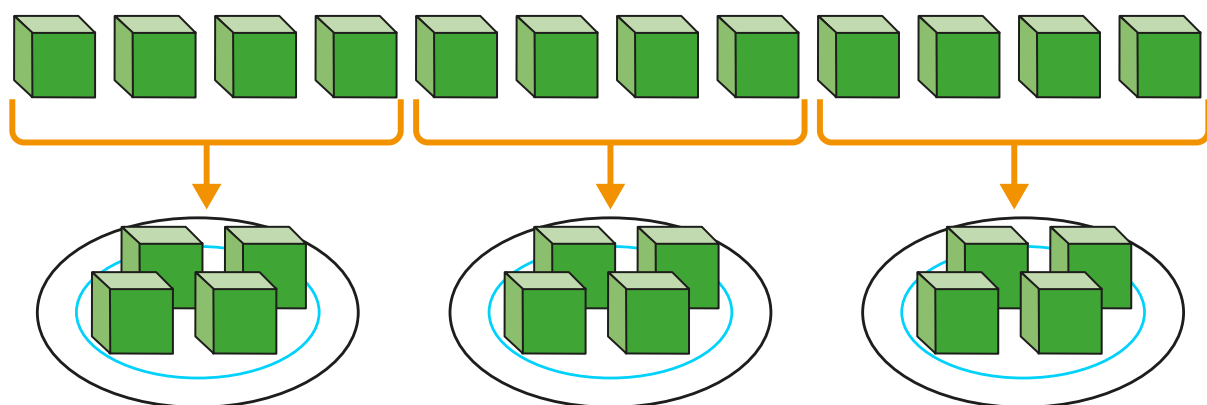
1

Complete the sentences.

There are 12 cubes.
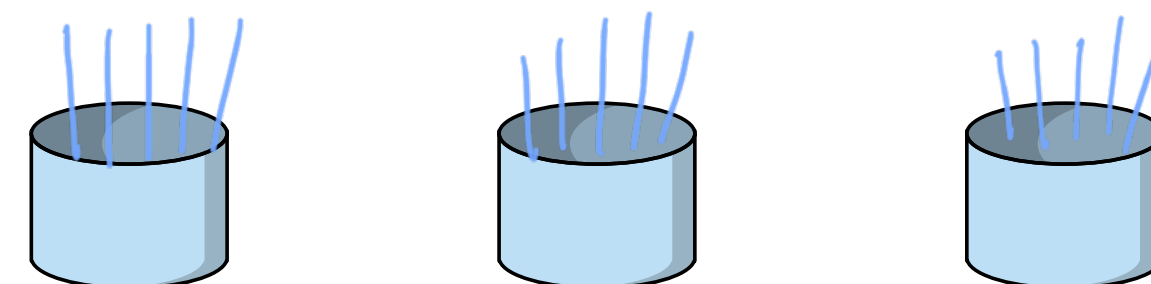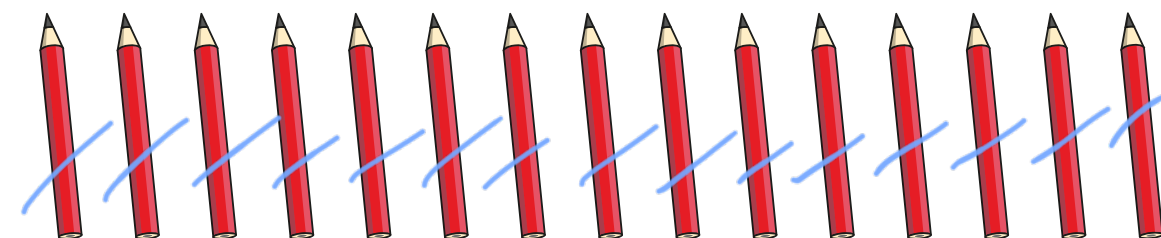
There are ☐3☐ plates.

Each plate has ☐4☐ cubes.

12 divided into ☐3☐ equal groups is ☐4☐

2 Mo has 15 pencils.
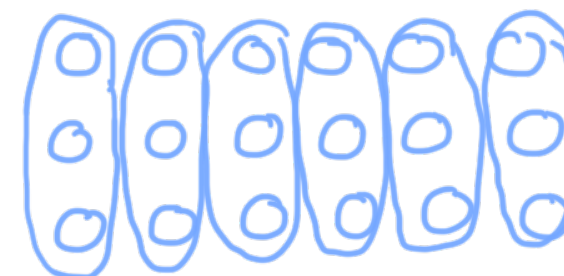
He shares them equally into 3 pots.

How many pencils will there be in each pot?

There will be ☐5☐ pencils in each pot.

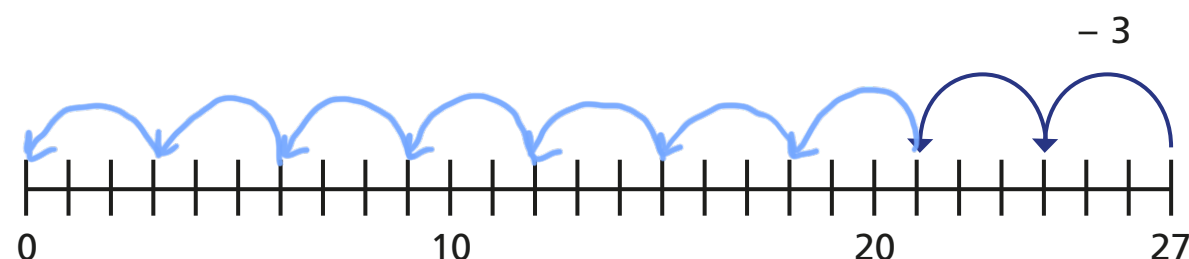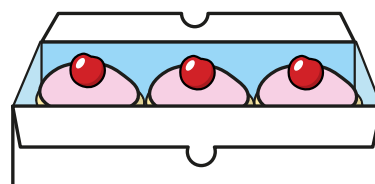**3** Divide 18 counters into groups of 3 counters.

Draw a picture to show what this would look like.
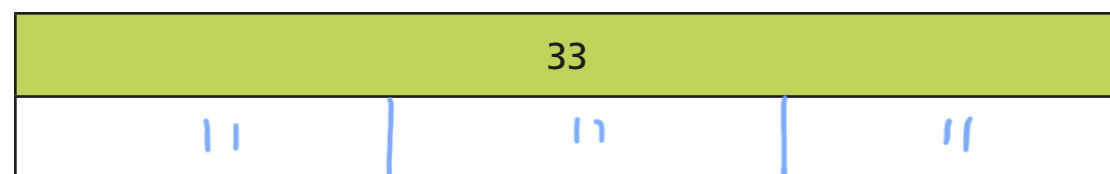
How many groups did you draw? ☐6☐

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.

−3

0   10   20   27

| 9 | boxes of 3 cakes can be filled.

5 Complete the bar model for the division 33 ÷ 3 = 11

33		
11	11	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 party bags does she have?

$21 ÷ 3 = 7$

b) Nijah has 36 apples.

In each box there are 12 apples.
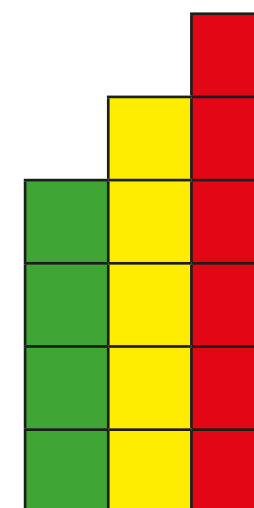
How many boxes are there?

$36 ÷ 12 = 3$

c) 24 children stand in groups of 3

How many children are in each group?

$24 ÷ 3 = 8$

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.