DIVIDE BY 3

1) Complete the calculations

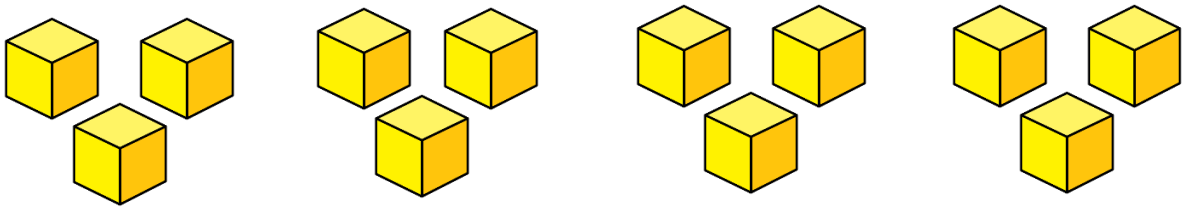
$3 \times 3 =$ $10 \times 3 =$

$3 \times 6 =$ $3 \times 11 =$

2) Circle the multiples of 3

14 6 10 15 36 24 20

3) Here are some cubes.



How many groups of 3 are there?

1) Complete the calculations

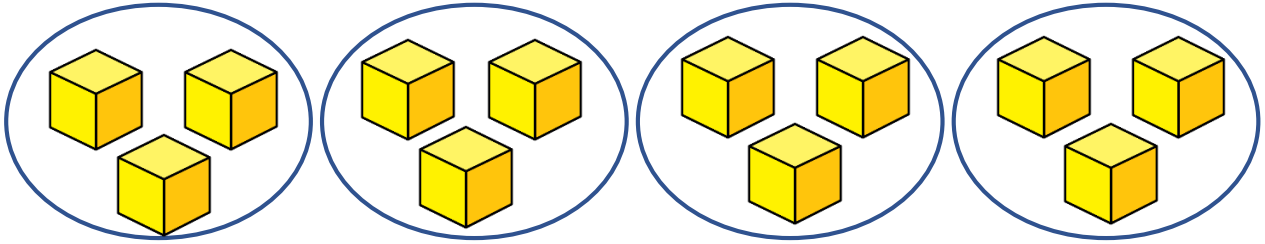
$3 \times 3 =$ 9 $\quad\quad$ $10 \times 3 =$ 30

$3 \times 6 =$ 18 $\quad\quad$ $3 \times 11 =$ 33

2) Circle the multiples of 3

14 (6) 10 (15) (36) (24) 20

3) Here are some cubes.

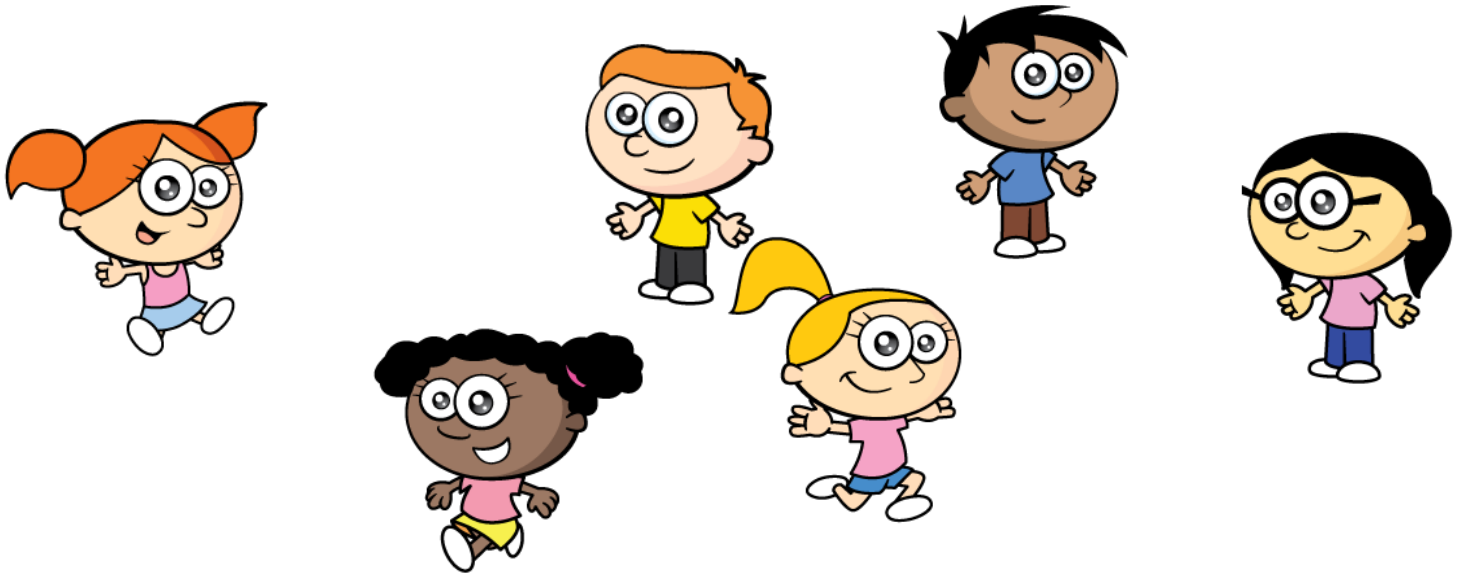


How many groups of 3 are there? 4

LET'S LEARN

White Rose Maths

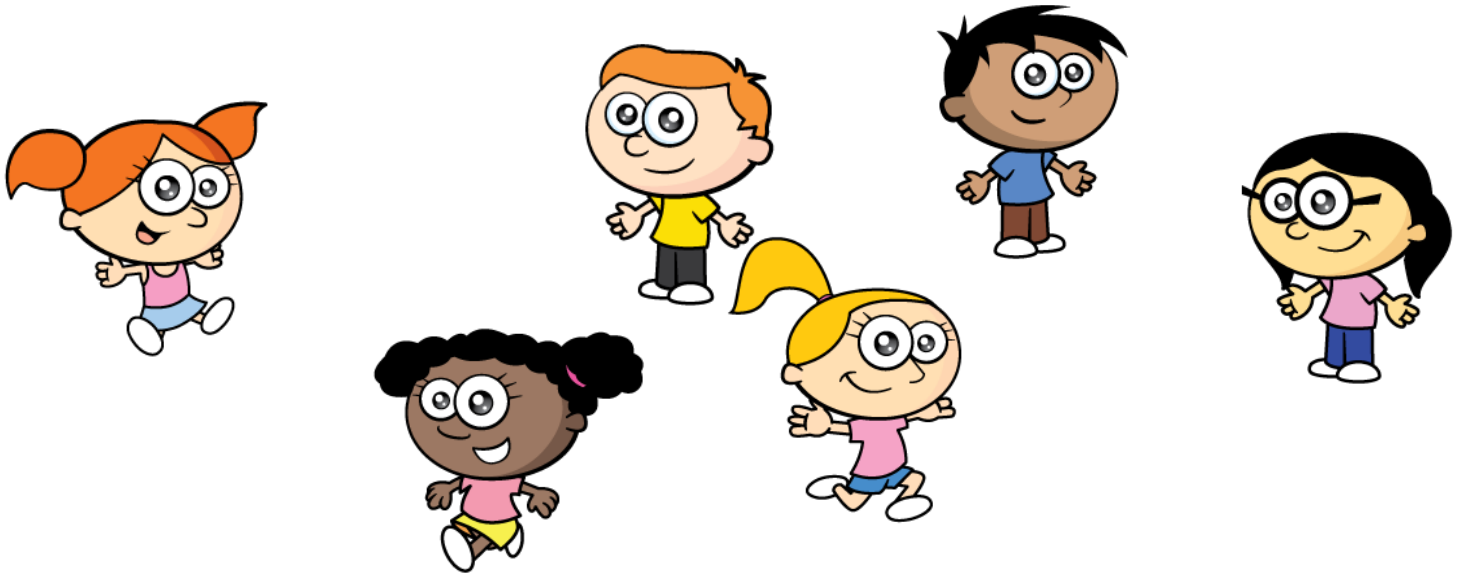
The children are playing a game.
They need to divide themselves into three teams.



How many will be in each team?

There are 2 children in each team.

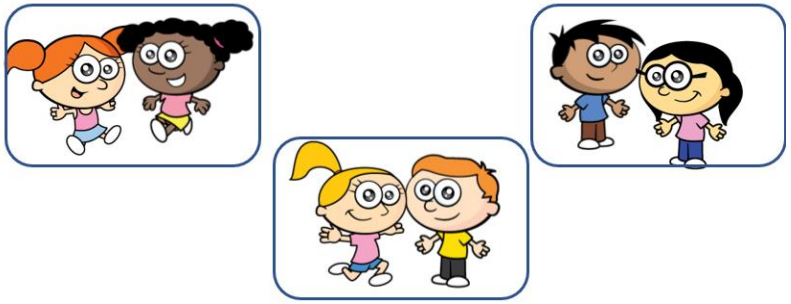
Now the children need to get into teams of 3



How many teams of 3 will there be?

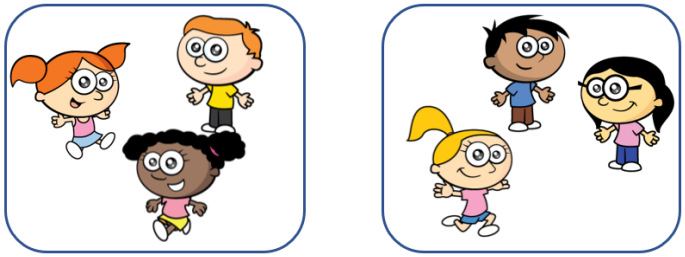
$$6 \div 3 = 2$$

Shared into 3 equal teams



There are **2** children in each team.

Grouped into teams of 3



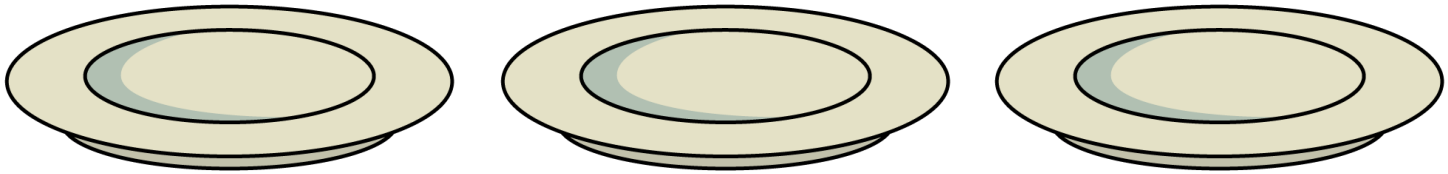
There are **2** groups of 3 children.

Here are 21 cakes.

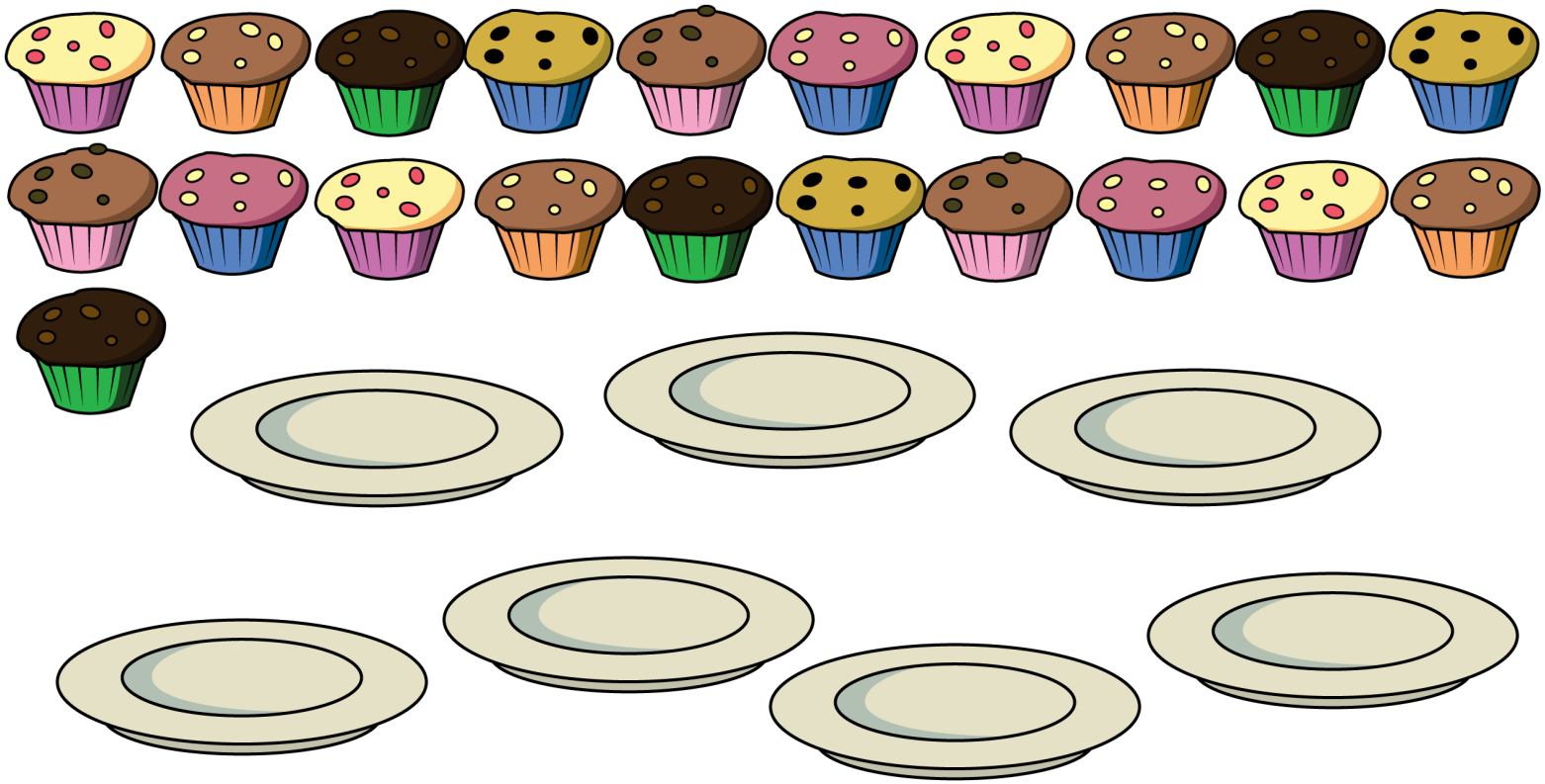
They are shared equally between 3 plates.

They are divided into groups of 3

They are shared equally between 3 plates.



They are divided into groups of 3

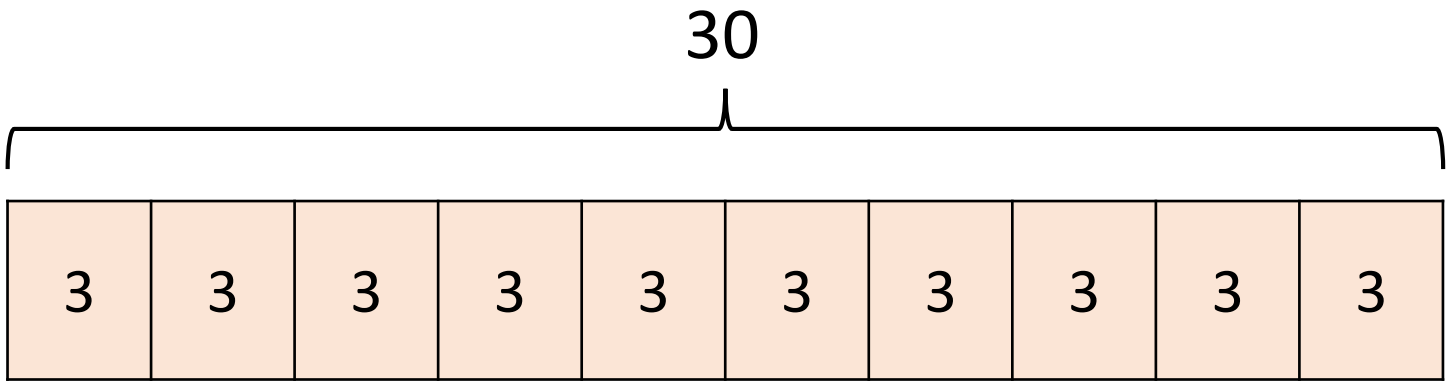


YOUR TURN

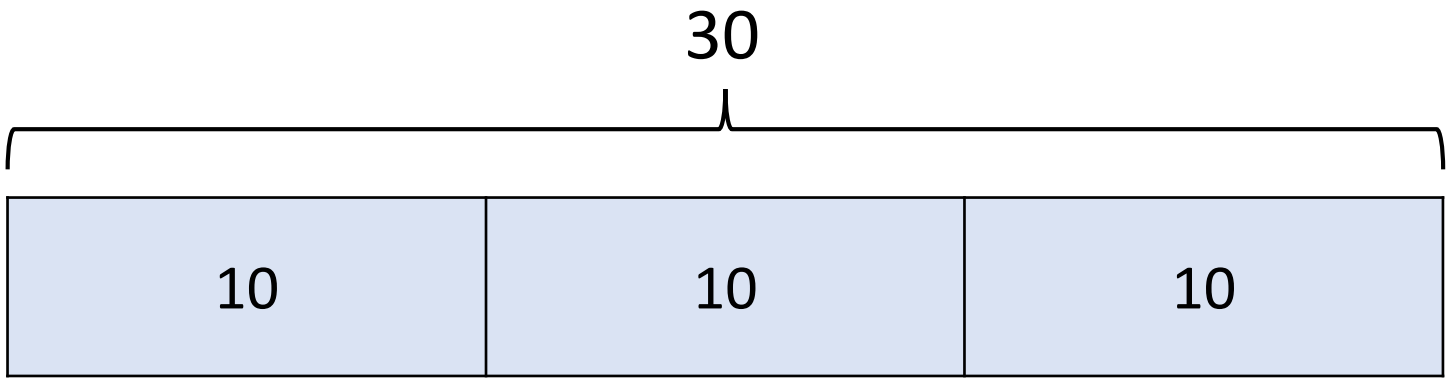
Have a go at questions
1 - 3 on the worksheet

White Rose Maths

Which bar model shows 30 ÷ 3?



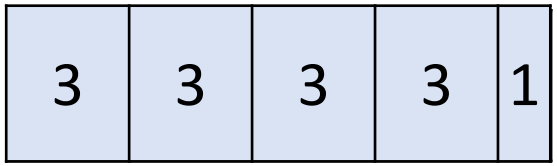
30 divided into groups of 3



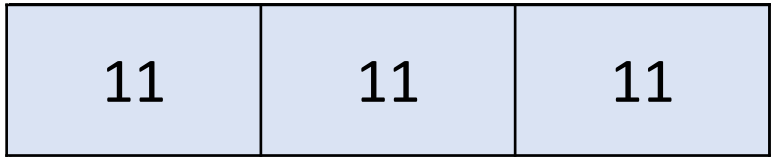
30 divided into 3 equal parts

Which numbers will divide exactly by 3?

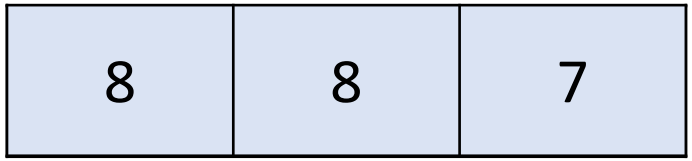
13



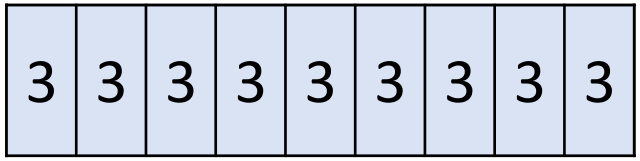
33



23



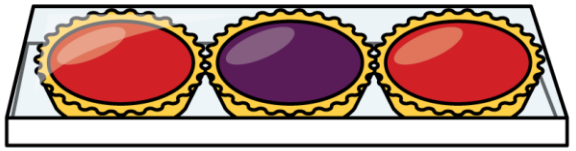
27

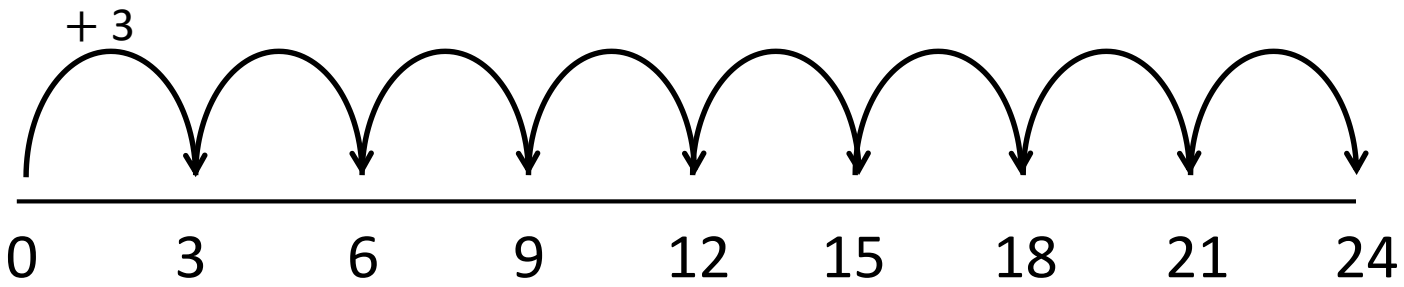


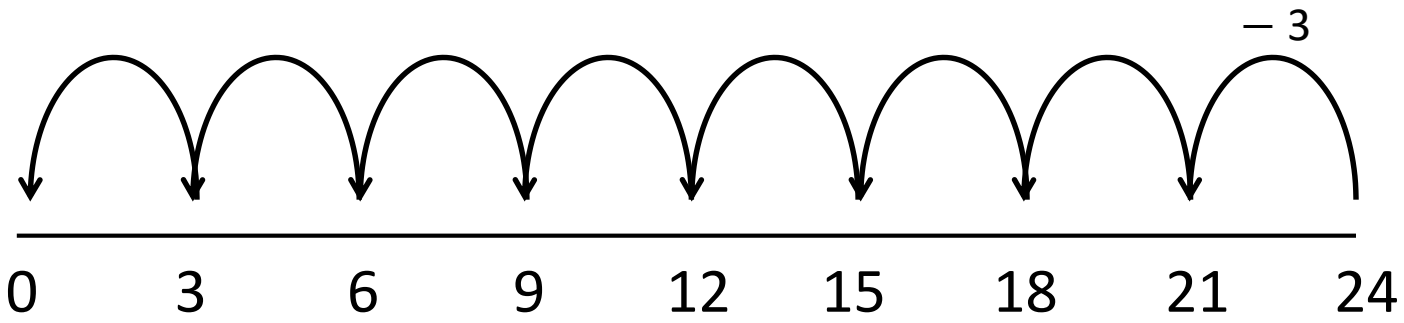
Have a think

The baker has 24 tarts.
He puts 3 tarts into each box.
How many boxes can he fill?

$24 \div 3 =$

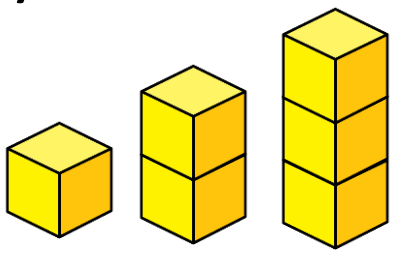






When you add three consecutive numbers, the total can always be divided equally by 3

Is this statement correct?



$1 + 2 + 3 = 6$ $\quad$ $6 \div 3 = 2$

$5 + 6 + 7 = 18$ $\quad$ $18 \div 3 = 6$

$9 + 10 + 11 = 30$ $\quad$ $30 \div 3 = 10$

Is it possible to make every multiple of 3 using a sum of 3 consecutive numbers?