12.1.21

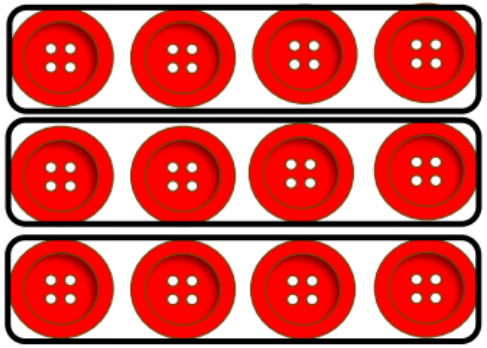
Blue – Divide by 4

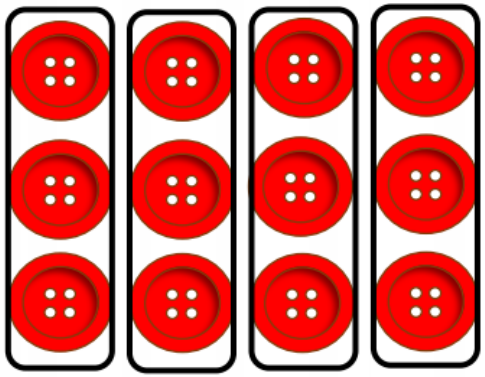
twinkl.co.uk

True or False?

Divide by 4.

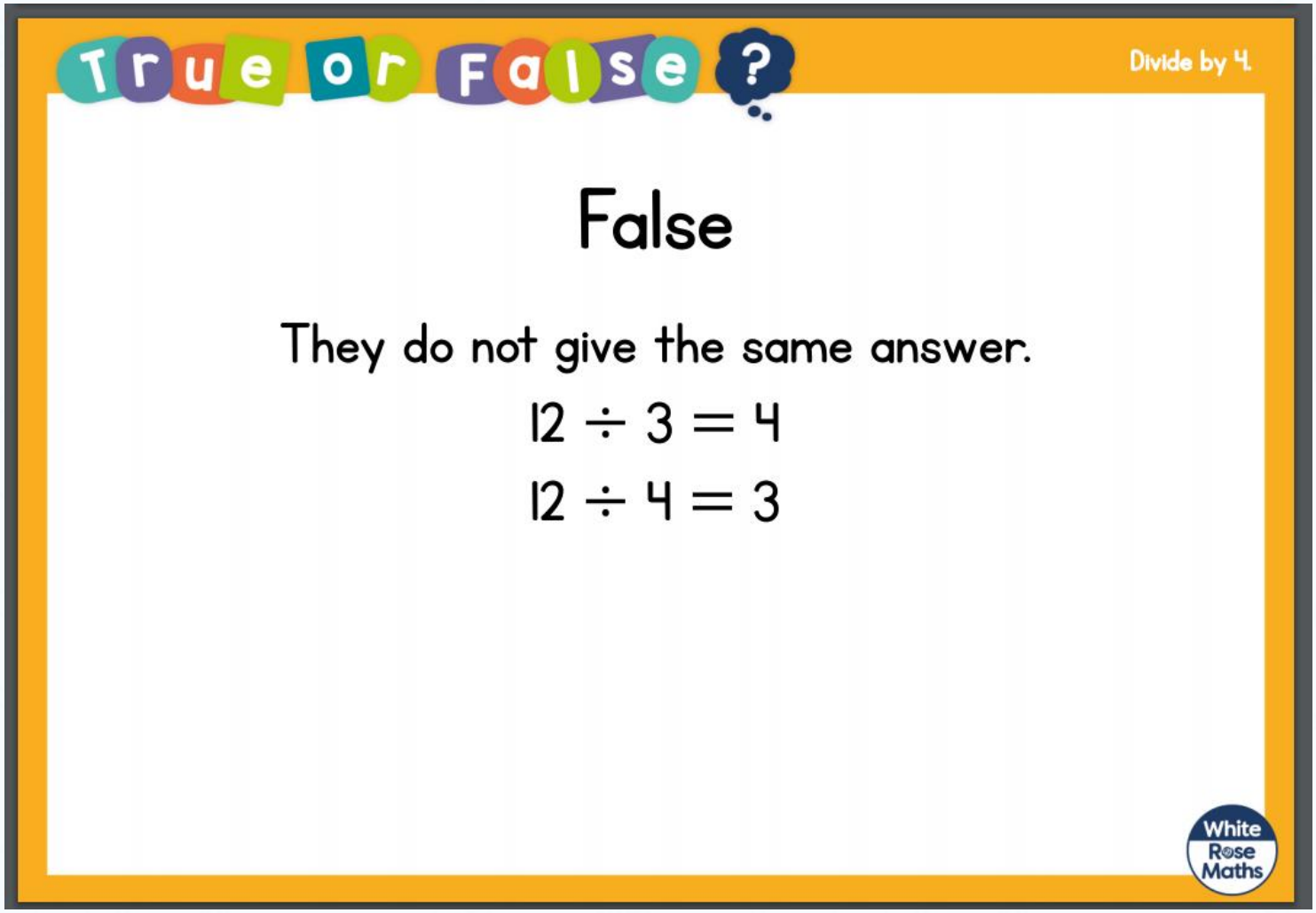
$$12 \div 3 = 12 \div 4$$



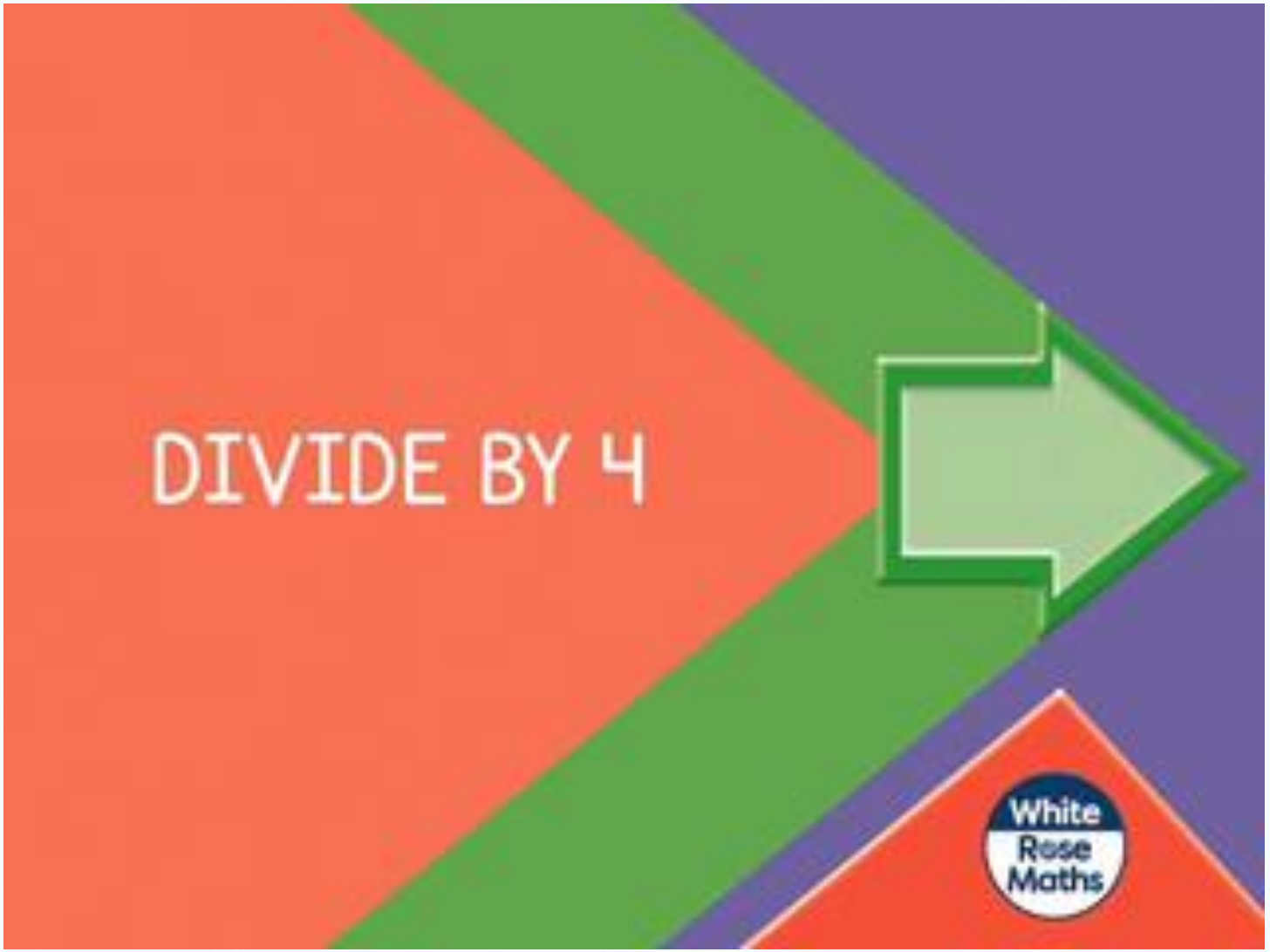


White Rose Maths

twinkl.co.uk


True or False ?
Divide by 4.
False
They do not give the same answer.
12 ÷ 3 = 4
12 ÷ 4 = 3
White Rose Maths

twinkl.co.uk


DIVIDE BY 4
White
Rose
Maths

1) Complete the calculations

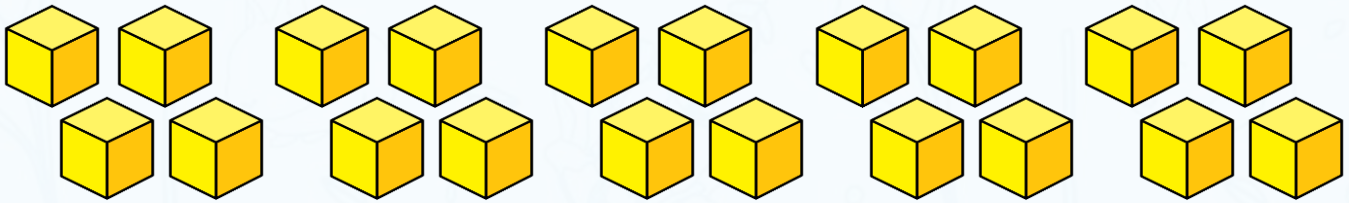
$5 \times 4 =$ $10 \times 4 =$

$4 \times 6 =$ $4 \times 11 =$

2) Circle the multiples of 4

14 8 10 16 36 24 22

3) Here are 20 cubes.



How many groups of 4 are there?

twinkl.co.uk

1) Complete the calculations

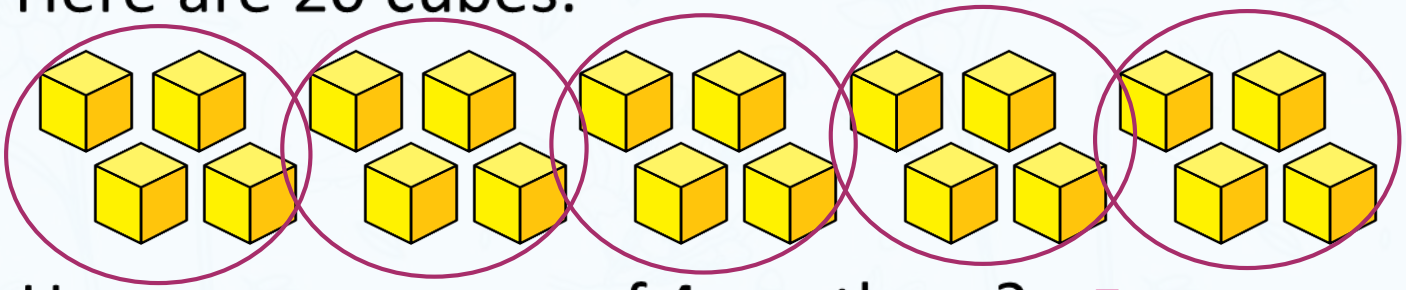
$5 \times 4 =$ 20 $\quad\quad$ $10 \times 4 =$ 40

$4 \times 6 =$ 24 $\quad\quad$ $4 \times 11 =$ 44

2) Circle the multiples of 4

14 (8) 10 (16) (36) (24) 22

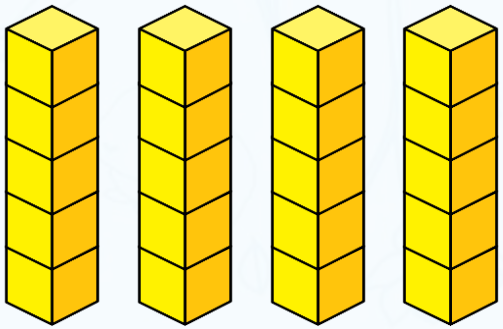
3) Here are 20 cubes.



How many groups of 4 are there? 5

twinkl.co.uk

Alex and Ron have 20 cubes.
They share the cubes into 4 equal towers.



How many cubes will be in each tower?

There are 5 cubes in each tower.

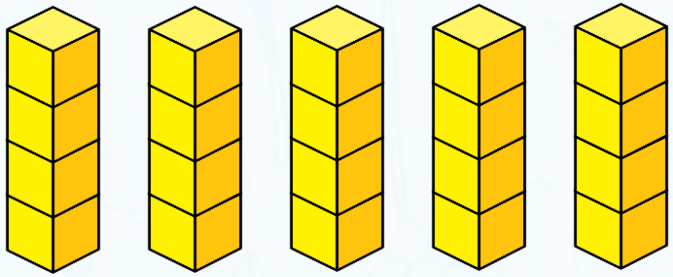
$20 \div 4 = 5$

Have a think

twinkl.co.uk

Alex and Ron have 20 cubes.

They use the cubes to build towers of 4



How many towers of 4 can they build?

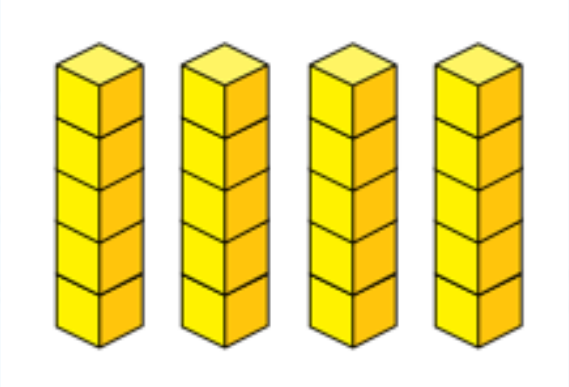
They can build 5 towers of 4

$20 \div 4 = 5$

Have a think

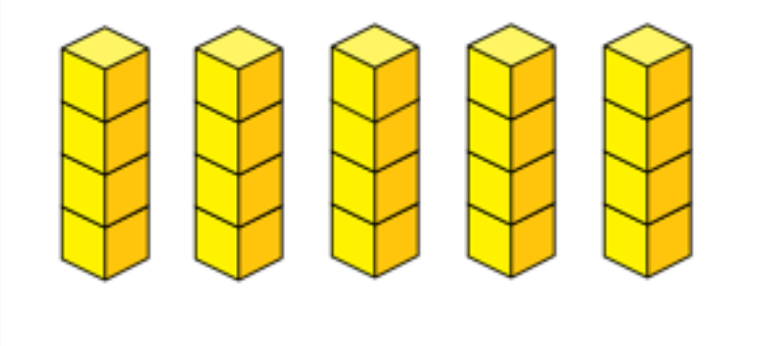
$$20 \div 4 = 5$$

Shared into 4 equal towers



There are **5** cubes in each tower.

Grouped into towers of 4



There are **5** towers of 4 cubes.

twinkl.co.uk

Here are 12 cakes.

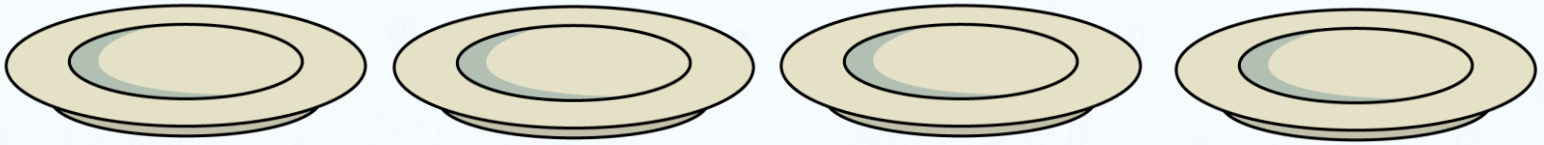
Have a think

They are shared equally between 4 plates.

They are divided into groups of 4

twinkl.co.uk

They are shared equally between 4 plates.

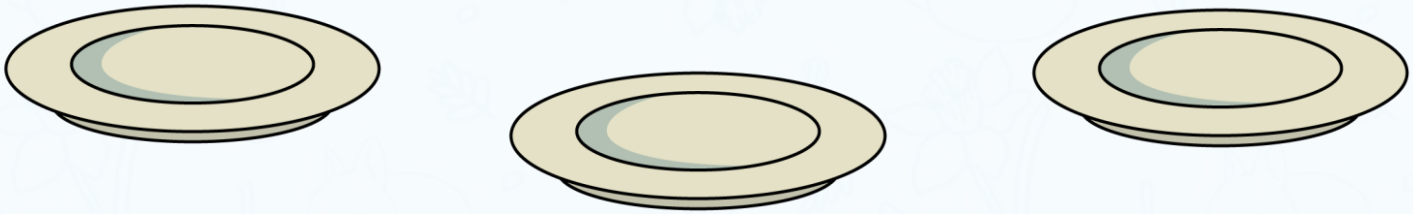


There will be 3 cakes on each plate.

$12 \div 4 = 3$

twinkl.co.uk

They are grouped into plates of 4



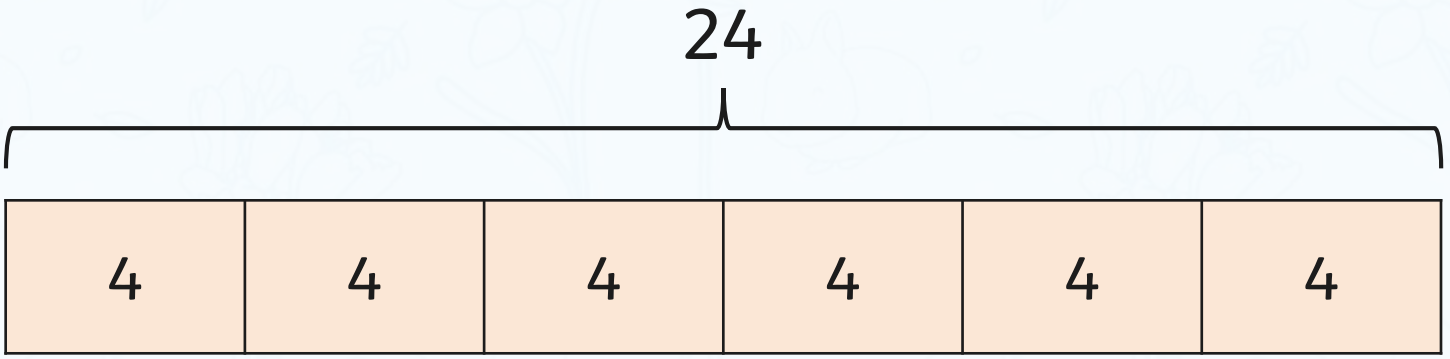
There will be 3 plates of 4 cakes.

$12 \div 4 = 3$

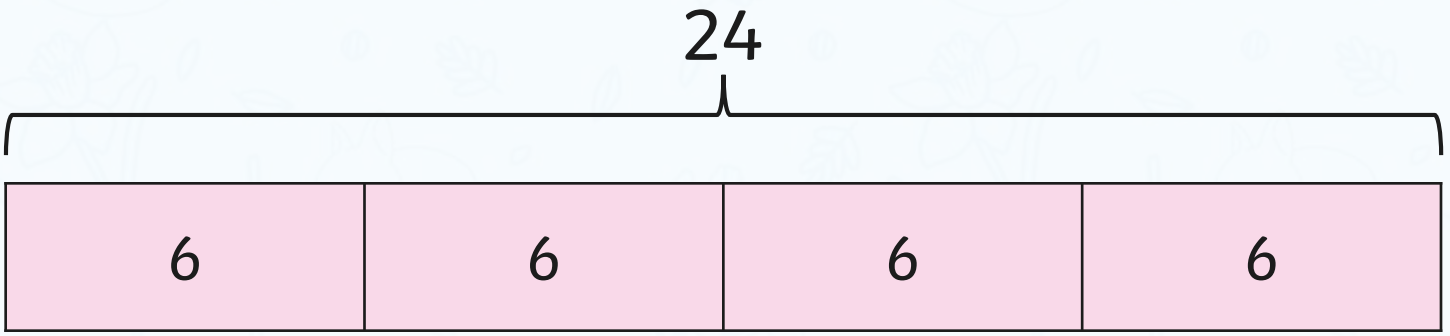
twinkl.co.uk

Can you draw 2 bar models to show 28 divided by 4?

Which bar model shows 24 ÷ 4?



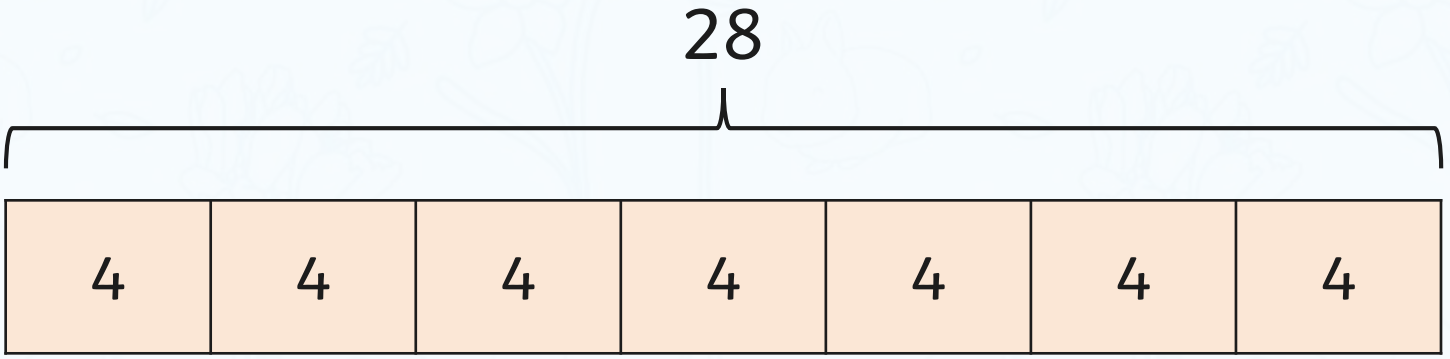
24 divided into groups of 4



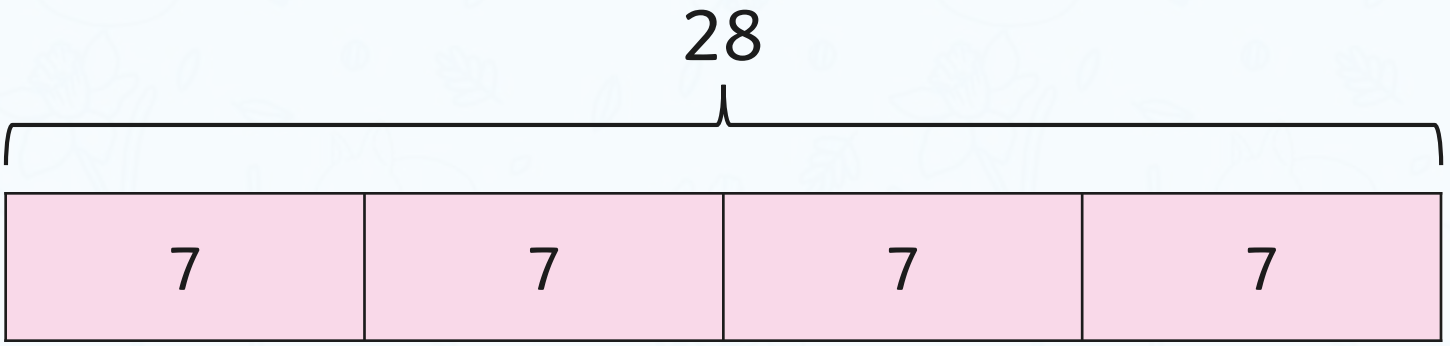
24 divided into 4 equal parts

twinkl.co.uk

Can you draw 2 bar models to show 28 divided by 4?



28 divided into groups of 4



28 divided into 4 equal parts

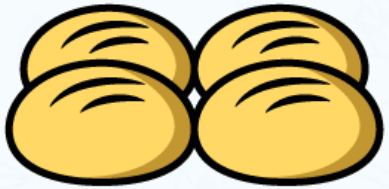
twinkl.co.uk

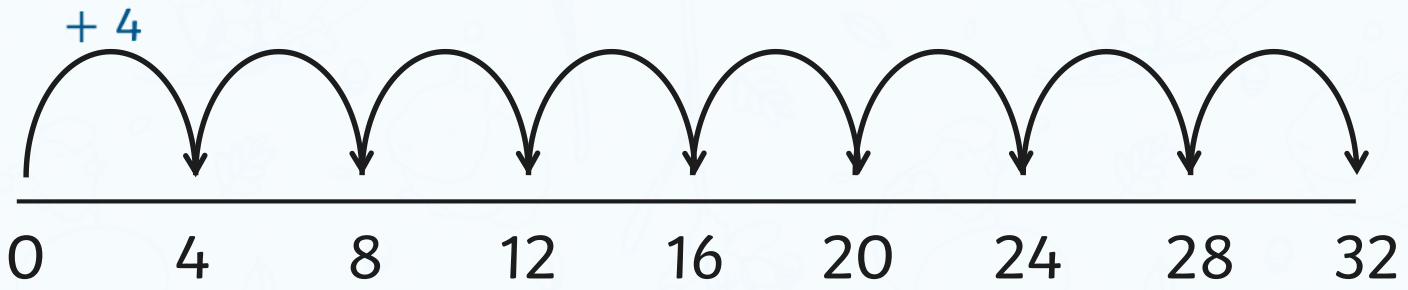
Have a go at questions 1 - 4 on the worksheet

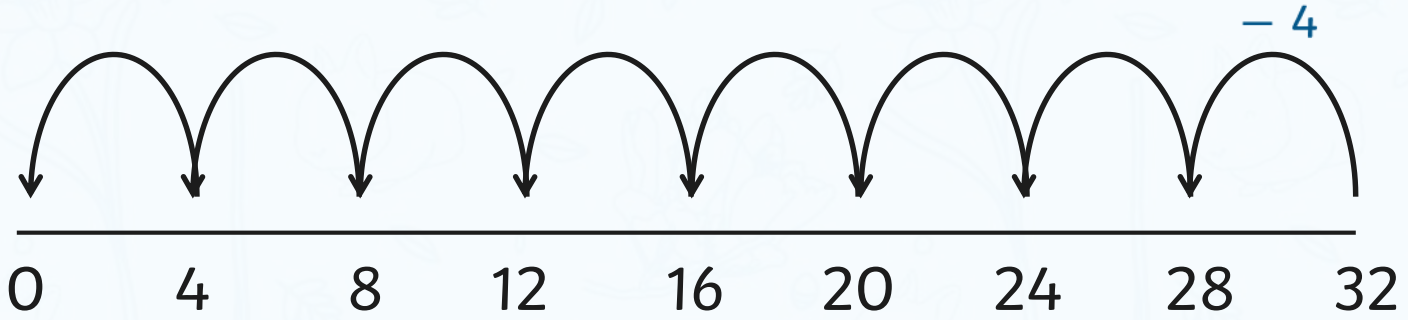
twinkl.co.uk

The baker has 32 bread rolls.
He puts them into packs of 4
How many packs can he fill?

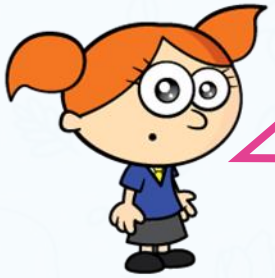
$32 \div 4 = 8$





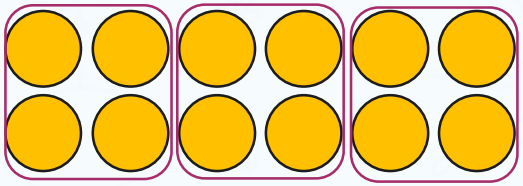


twinkl.co.uk

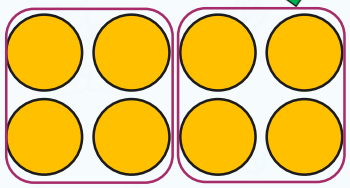


Multiples of 4 are all even numbers.
So all even numbers can be grouped into 4s

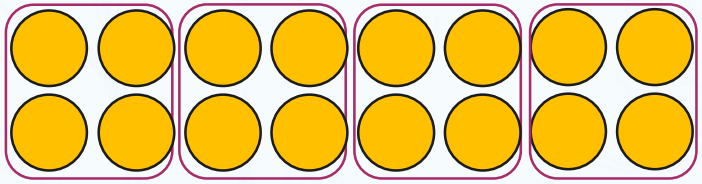
12



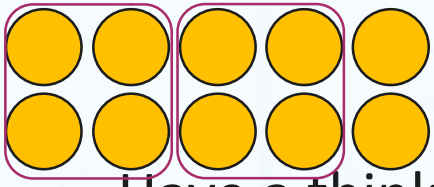
8



16



10



Have a think

Now complete your work sheet.

twinkl.co.uk

Now play Hit the Button game division facts ÷4.

https://www.topmarks.co.uk/maths-games/hit-the-button