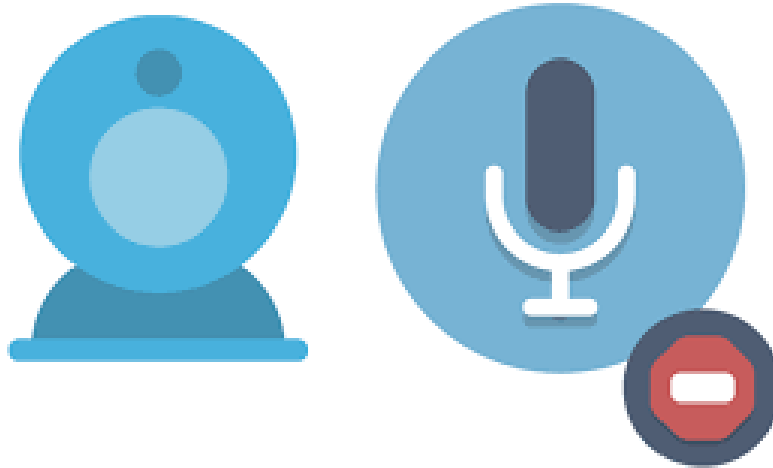




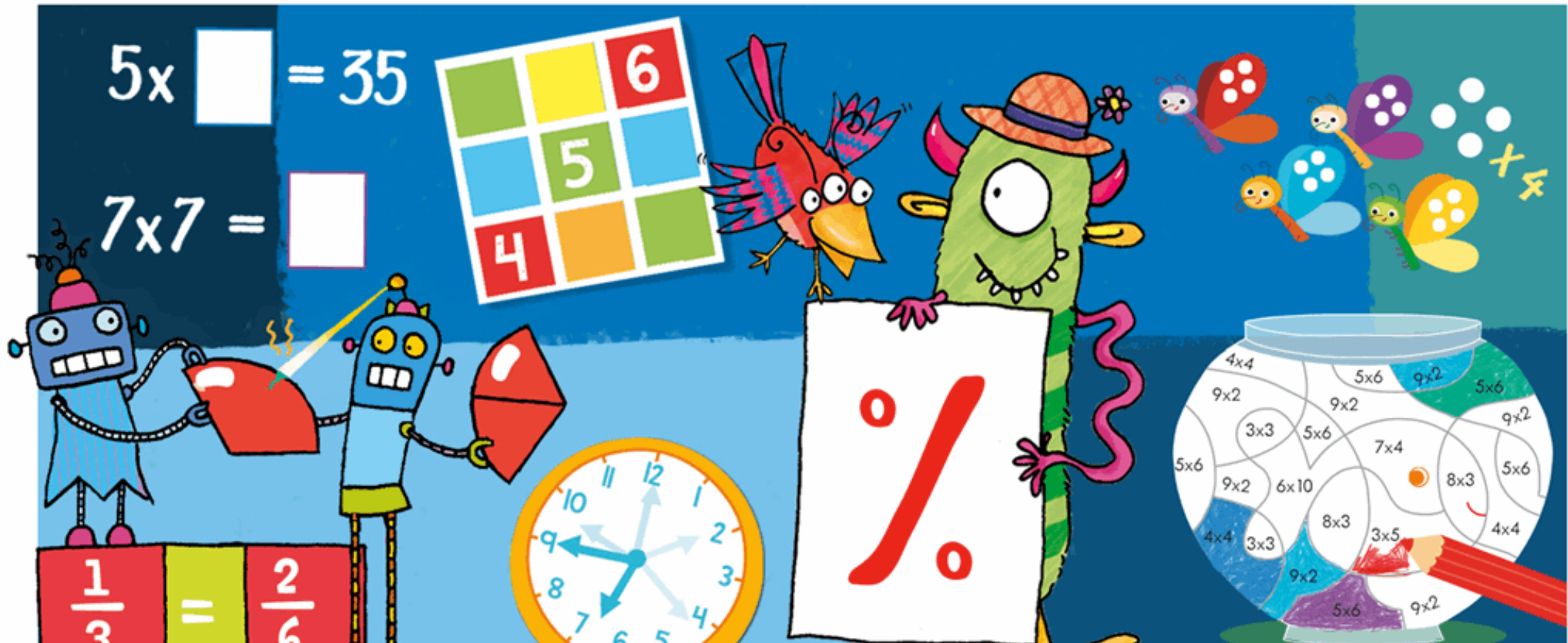
Welcome to Year 4 Maths

The lesson will begin at 11:15am



Turn your camera and microphone off please

Maths Meeting





What is the question?

The answer is 13



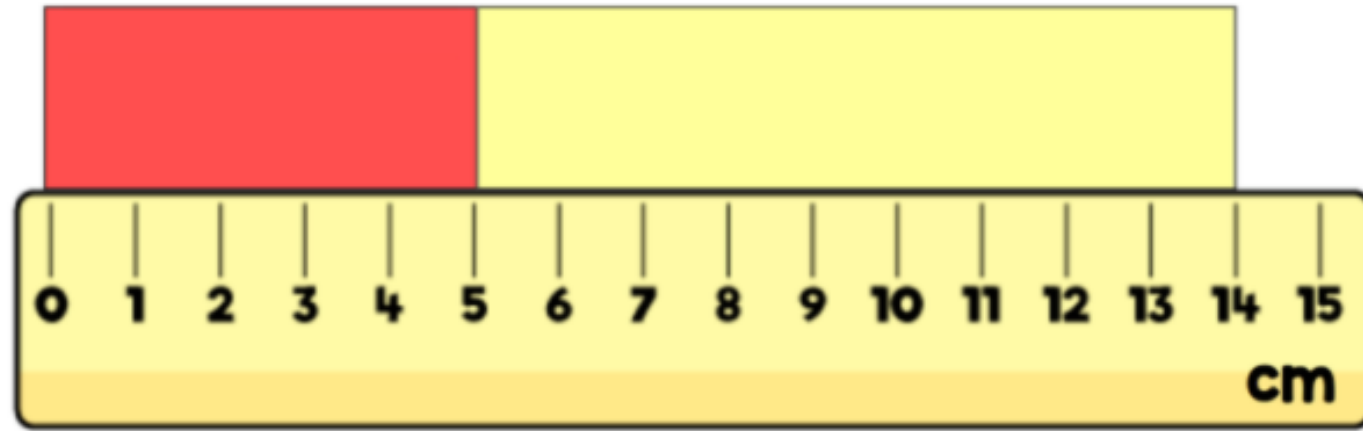
321.89

Read this number

What is the value of the digit 2?

Multiply the number by 10.

What is 5 less?



Two strips of paper are placed end to end.

How much longer is the yellow strip of paper than the red strip?

4 cm

9 cm

5 cm

14 cm

Doughnut Palace



1 doughnut

55p

4 doughnuts

£1.75

Aisha is buying doughnuts.

What is the greatest number of doughnuts Aisha can buy with £10?

22

5

20

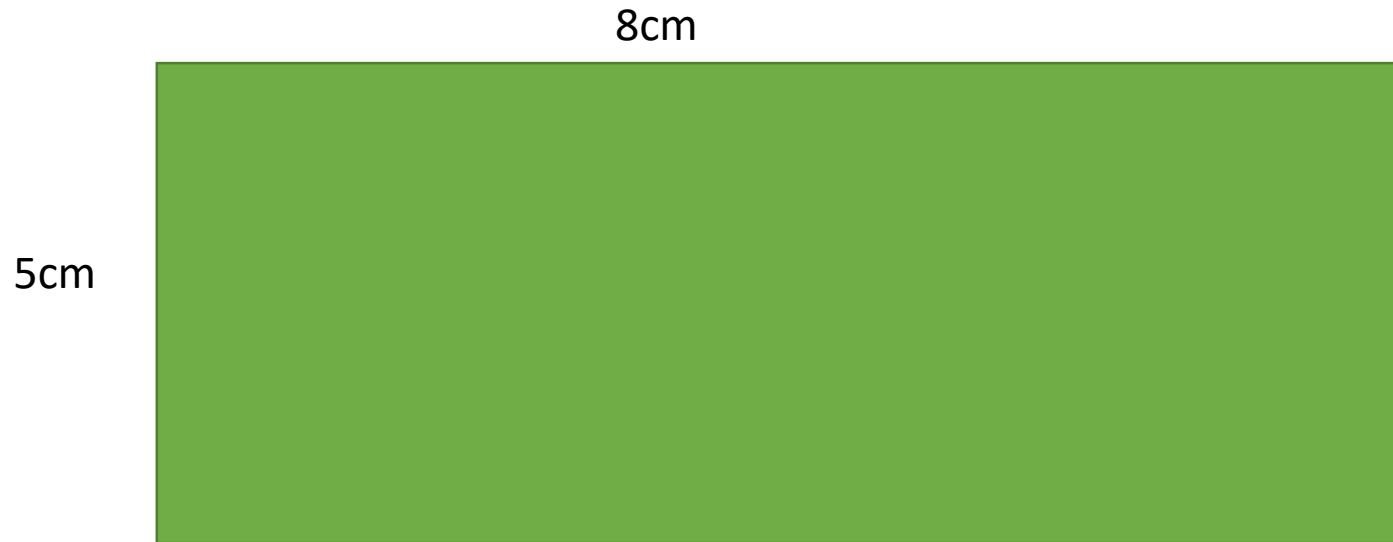
21





Review

Work out the perimeter





Key Vocabulary

Area
Surface

Sentence Stems:

The area is the size of the surface of a 2-D shape.





I will know how to explain area..

Area is...

The size of the surface of a 3-D shape.

→ The size of the surface of a 2-D shape.

The distance around a 2-D shape.

The distance around a 3-D shape.

I will know how to explain area..

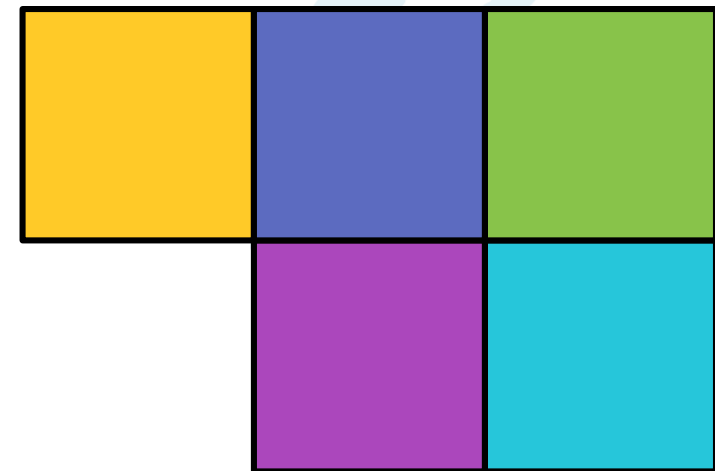
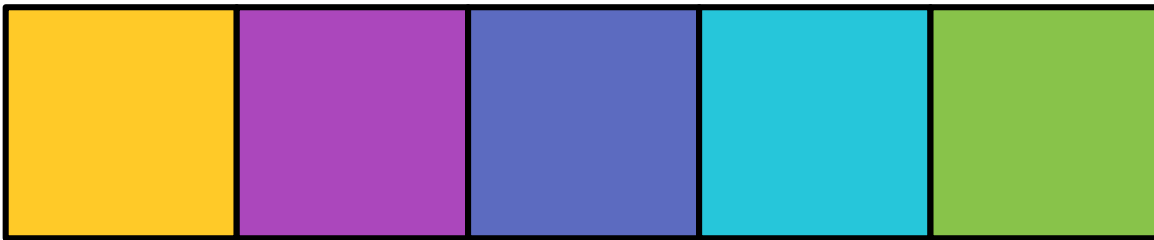
The astronaut has five squares.

How many different ways can she put the squares together?



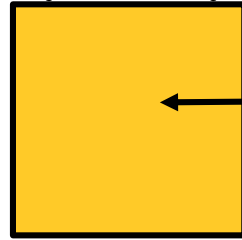
There are lots of combinations.

For example:



I will know how to explain area..

The area is the size of the surface of a 2-D shape.



Surface of the square

Which of these shapes cover the most surface?

How do you know?

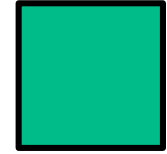


The green shape has the larger surface.

This means the rectangle has the largest area.

I will know how to explain area..

The astronaut has drawn two shapes.



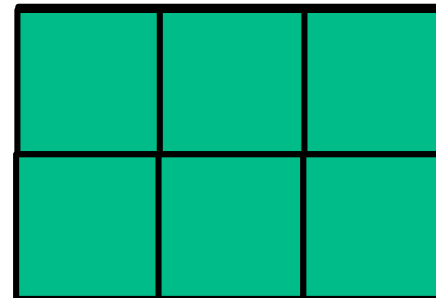
She wants to compare them but can't decide which is larger just by looking at them.

She decides to see how many smaller squares make the larger rectangles

What do you notice about area of these shapes?

Both rectangles can be filled using 6 squares.

They have the same area.

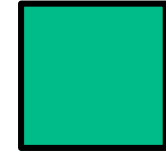
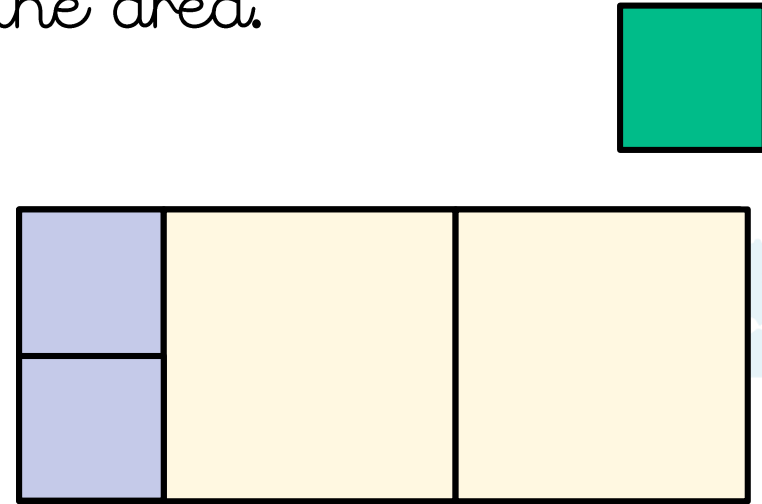


I will know how to explain area..

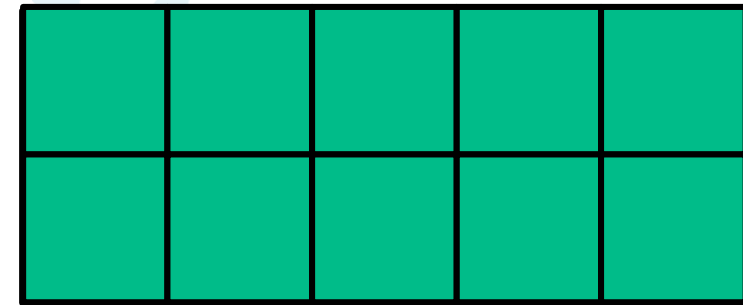
The astronaut wanted to find the area of the rectangle below.

She has tried two different methods to find the area.

Can you explain her mistake?



The coins are not a sensible choice to find the area as they leave gaps on the surface. With the squares, she has used different size squares, which makes it difficult to describe the area accurately.



I will know how to explain area..

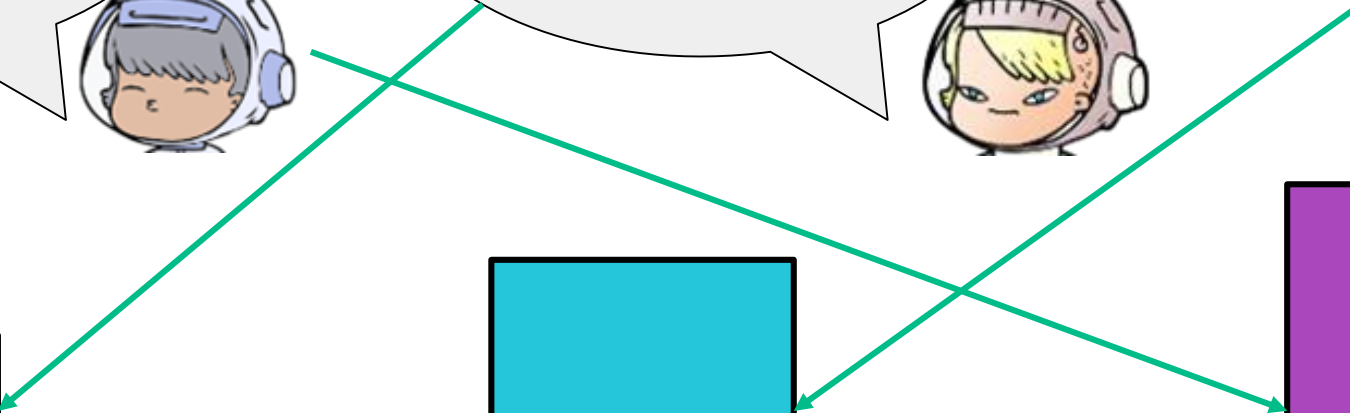
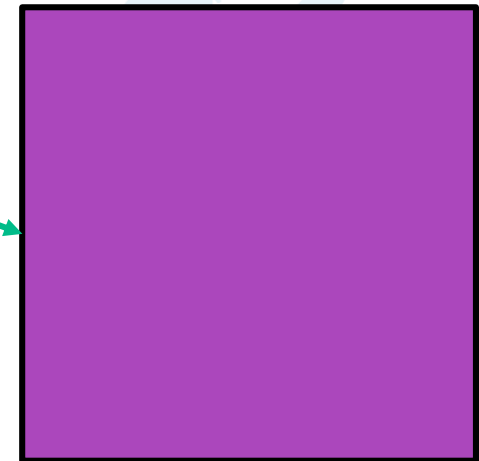
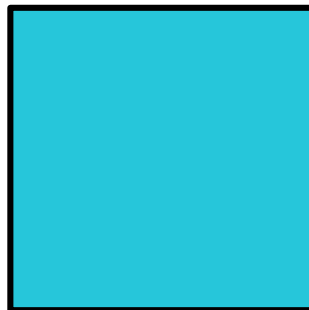
The maths book
has an area of 9
squares.



The maths book
has an area of
18 squares.



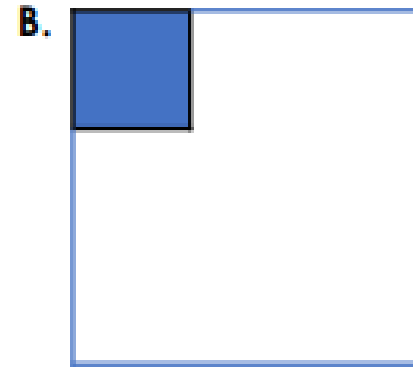
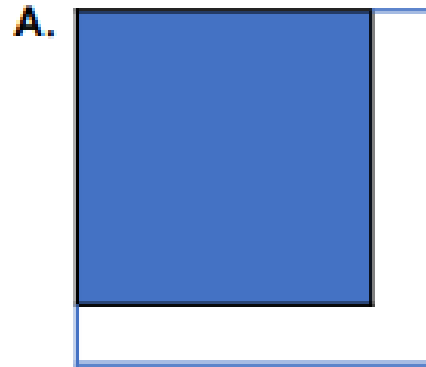
The maths book
has an area of
12 squares.



We do- Problem solving



1a. Davey is choosing a paving slab to use to cover the space below. He wants the slabs to cover the area completely.



Which slab should he use? Explain your answer.





Now go onto the assignments page on Teams and complete your assignment. Either submit via Teams if you cannot do this please email your work to year4@oasisiskinnerstreet.org

I will know how to explain area.

Plenary

Two children have measured the top of their desk. They used different sized squares.



Nima

The area of the
table top is 7
squares.

The area of the
table top is 12
squares.



Jen

Who used the biggest squares? How do you know?