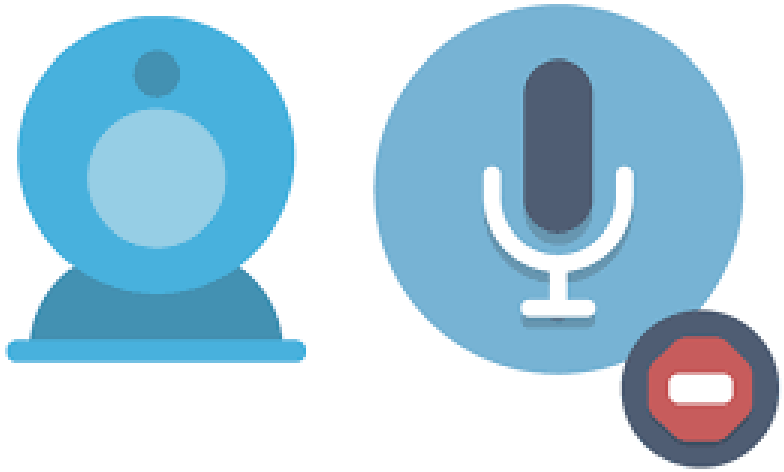
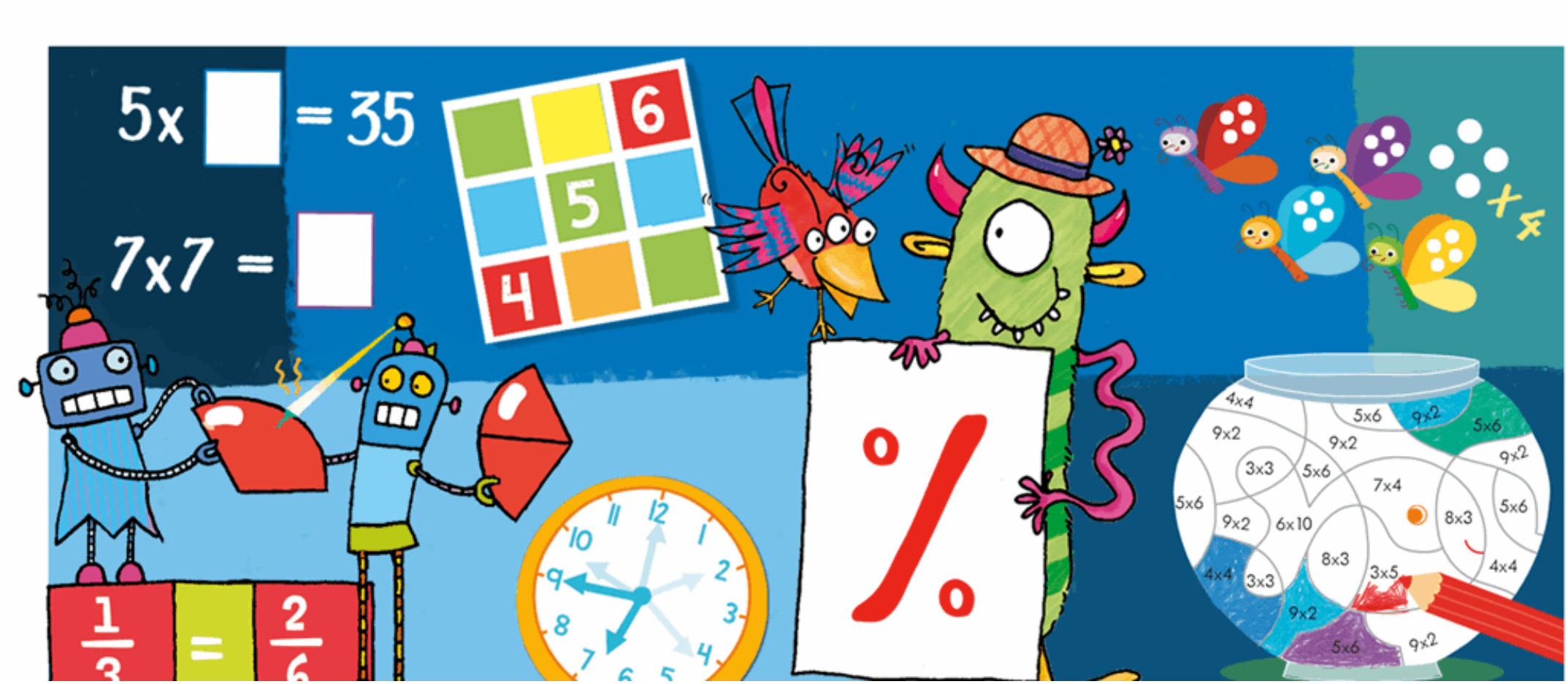
Welcome to Year 4 Maths

The lesson will begin at 11:15am



Turn your camera and microphone off please

Maths Meeting



The answer is 48

What is the question?

How many questions are there?

Can you find one that no-one else has?

325.07

Read this number

What is the value of the digit 7?

Multiply the number by 10.

What is 12 less?

What is the missing number?

3 x 80 = 240

80 x 3 = 240

240 ÷ 3 = 80

240 ÷ 80 = 3

This is 1 litre of milk.

How many millilitres?

✓1000ml

How many ml in half of the bottle?

✓500ml

My recipe uses 250ml. How much is left?

✓750ml

How many centilitres in 2 bottles?

✓200cl

Round these numbers to the nearest multiple of 10.

8

7

6

13

9

635

9

14

23

340

221

3146

19

11

135

117

629

511

Count up in hundredths.

1.1…

6.51…

10.7…

Oasis Academy Skinner Street

Review

What is area?

Key Vocabulary

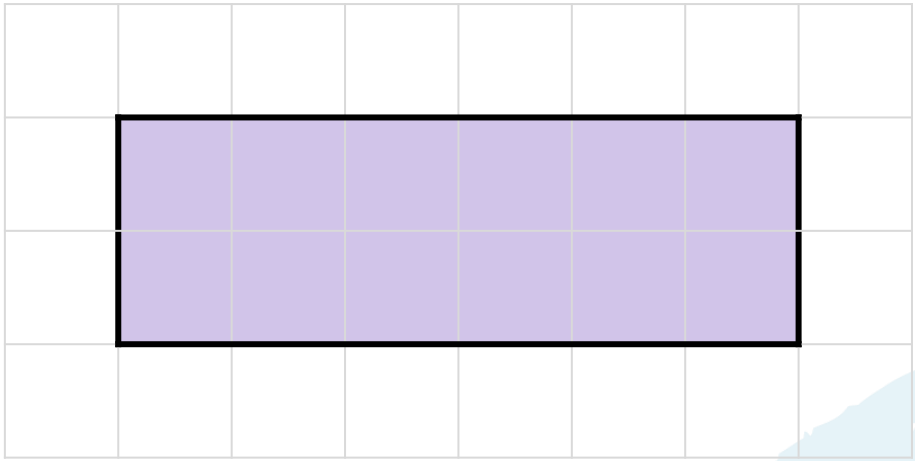
Area
Surface

Sentence Stems:

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

I will know how to find area by counting squares.

What is the area of the blue shape?



32 squares

16 squares

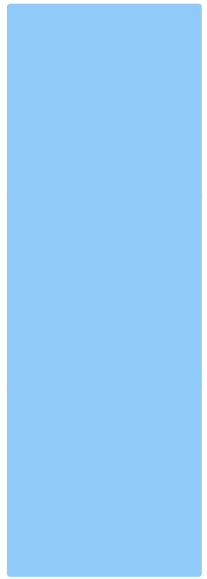
6 squares

12 squares

I will know how to find area by counting squares.

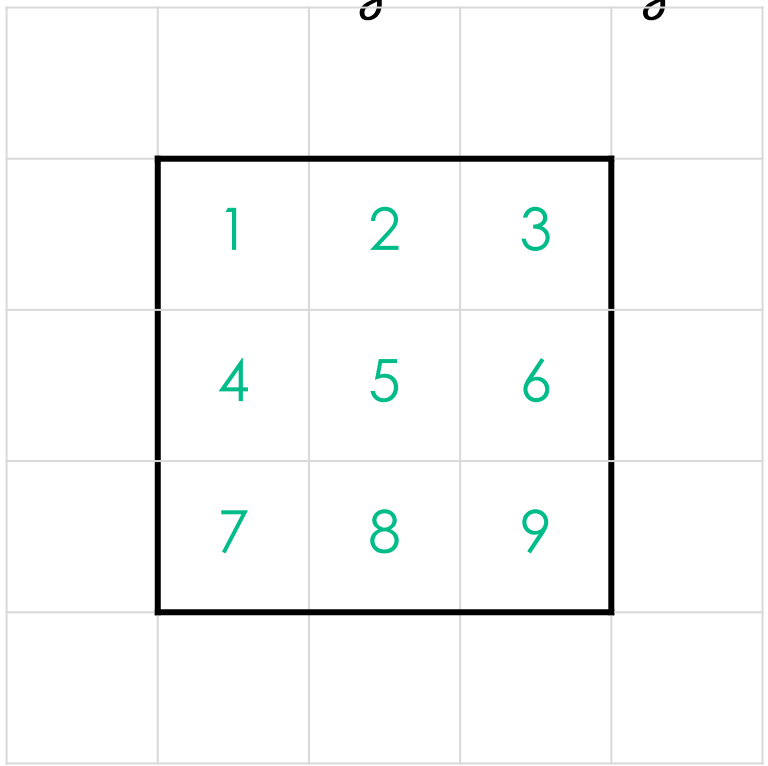
Which is the odd one out?

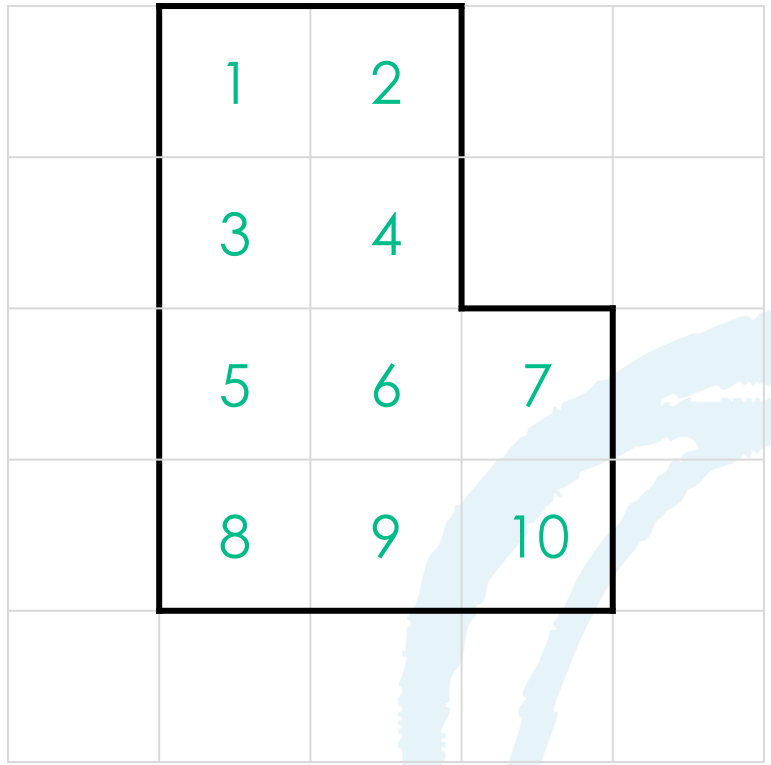
Explain your choice.



I will know how to find area by counting squares.

How do you think you could find the area of the shapes shown?

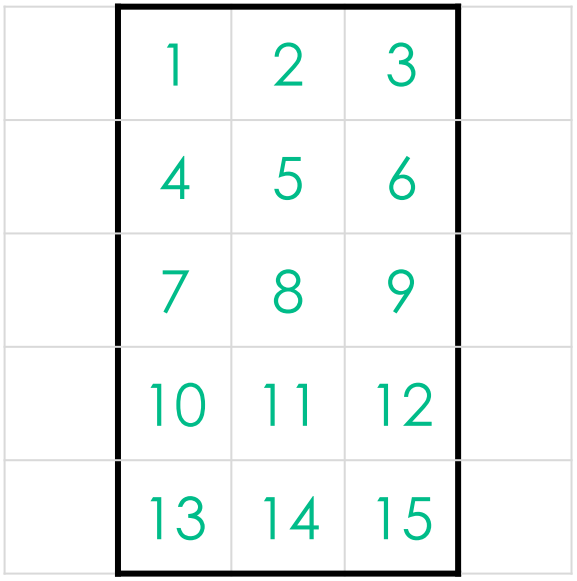




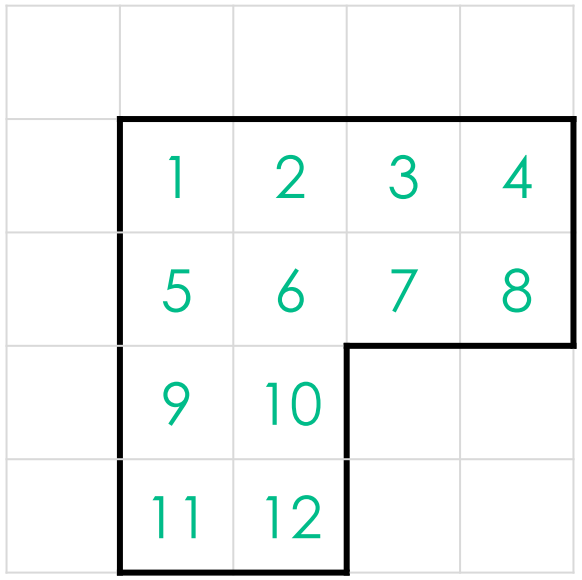
To find the area we can count the squares within the shape as we know the area is the size of the surface of a 2-D shape.

I will know how to find area by counting squares.

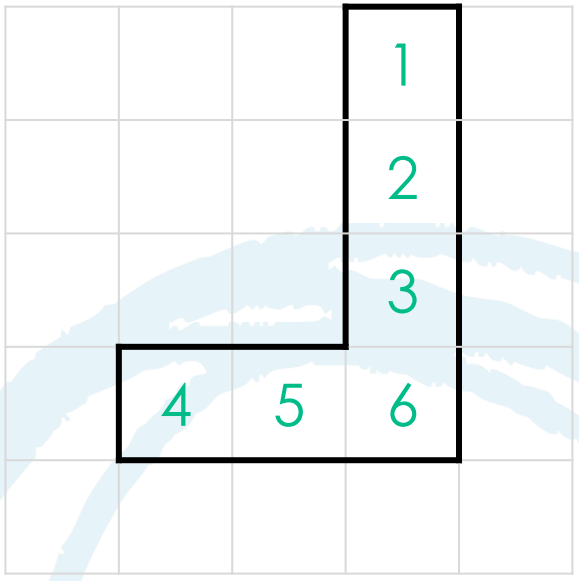
Calculate the area of each shape shown.



15 squares



12 squares



6 squares

I will know how to find area by counting squares.

The astronaut is planning a mosaic.

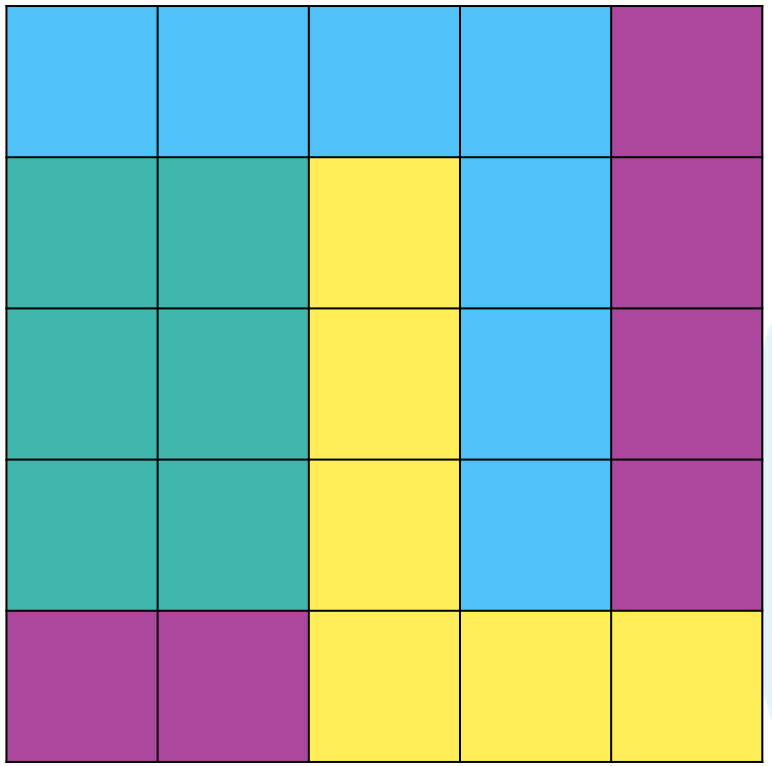
Help him by calculating the area of each colour he has used.

Blue = 7 squares

Green = 6 squares

Yellow = 6 squares

Purple = 6 squares

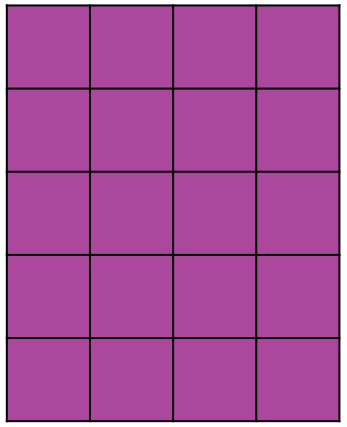


I will know how to find area by counting squares.

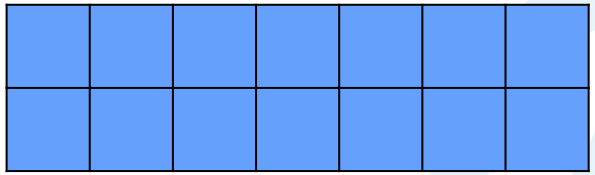
The astronaut is looking at a rectangle.

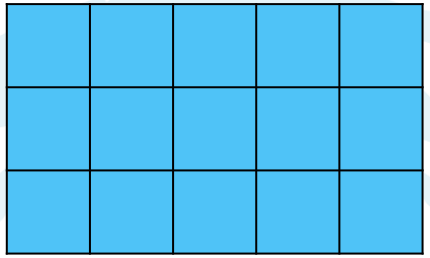
She realises she can use her times-tables to calculate the area.

She says, "There are 5 squares in each row. There are 3 rows. 3 rows of 5 squares = 15 squares. The area is 15 squares."



There are 4 squares in each row. There are 5 rows. 5 rows of 4 squares = 20 squares. The area is 20 squares.



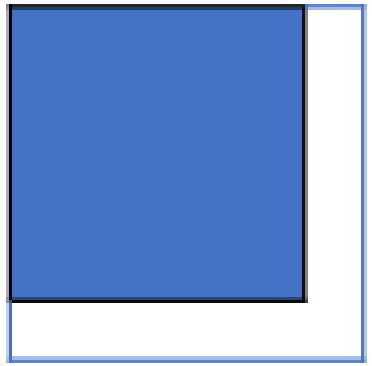


There are 7 squares in each row. There are 2 rows. 2 rows of 7 squares = 14 squares. The area is 14 squares.

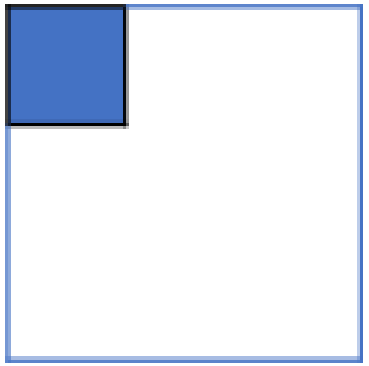
We do- Problem solving

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

A.



B.



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@oasisskinnerstreet.org

I will know how to find area by counting squares.

Plenary

Always, sometimes, never?

The area of a square is _____ an even number.

Explain your answer.

This is sometimes true. For example, if a square is 4 squares by 4 squares, the area will be 16 squares. This is an even area. If the square is 5 squares by 5 squares, the area will be 25 squares. This is an odd area.