Hello again Year 4,

I hope you had a nice weekend and managed to get outside and enjoy the snow.

This is Bob, he is not quite finished in this picture and I am sorry to say that, a bit later on in the day, I tried to re-attach Bob's nose and managed to knock off his head!!

This week we are moving on from looking at multiplication and division, we are going to start looking at area.

Jan 25-12:00

Area is the amount of space taken up by a flat 2D-shape or surface.

Imagine this is a sticky, post-it note.

How many of the green post-it notes do you think would fit inside the blue square?

Jan 25-12:21

Area is the amount of space taken up by a flat 2D-shape or surface.

Did you estimate that 4 of the green post-it notes would fit inside the blue square?

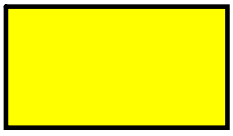
The space inside the blue square is its area.

So, the area of the blue square is about 4 post-it notes.

Jan 25-12:21

I estimate that the purple rectangle has an area of ____ post-it notes.

(Tip: How many green squares do you think will fit inside the purple rectangle?)



I estimate that the yellow rectangle has an area of ____ post-it notes.

Jan 25-12:25

If you have any sticky post-it notes at home, that you are allowed to use, maybe find the area of a book, a tray ... any other surfaces that you could measure the area of.

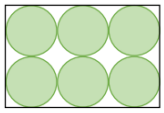
Write some sentences using the stem sentence below.

The area of the _____ was _____ post-it notes.

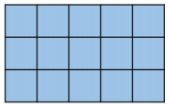
Jan 25-12:31

Teddy and Eva are measuring the area of the same rectangle.

Teddy uses circles to find the area.

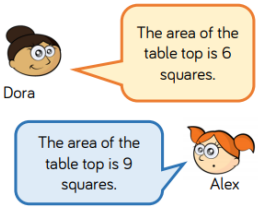


Eva uses squares to find the area.



Whose method do you think is more reliable?
Explain why.

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

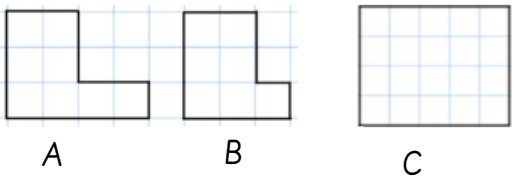


Who used the largest squares?
How do you know?

Jan 25-12:35

Can you count the squares inside these shapes to find their area?

Complete the sentences for each shape.



Fill in the missing answers.

The area of shape A is ____ squares.

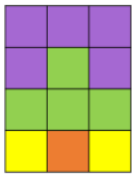
The area of shape B is ____ squares.

The area of shape C is ____ squares.

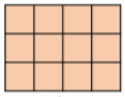
Jan 25-13:29

Here is a patchwork quilt.
It is made from different coloured squares.
Find the area of each colour.

Purple = ___ squares Green = ___ squares
Yellow = ___ squares Orange = ___ squares



Jack uses his times-tables to count the squares more efficiently.



There are 4 squares in 1 row.
There are 3 rows altogether.
3 rows of 4 squares = 12 squares

Use Jack's method to find the area of this rectangle.

Jan 25-13:35

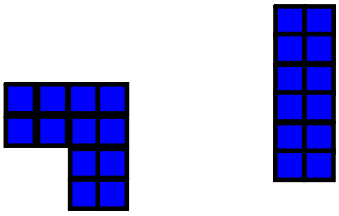
Dexter has taken a bite of the chocolate bar.

The chocolate bar was a rectangle.
Can you work out how many squares of chocolate there were to start with?

Jan 25-13:37

A rectilinear shape is a shape that has straight sides and right angles. It can look like two rectangles that have been joined together.

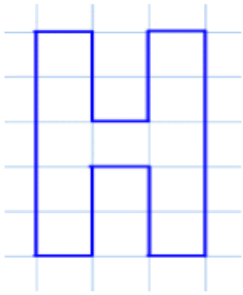
Mo is making rectilinear shapes that have an area of 12 squares.



Can you draw 2 other rectilinear shapes with an area of 12 squares?

Jan 25-13:39

Can you make some capital letters on squared paper using less than 20 squares?



Make a word from some and count the total area of the letters.

Jan 25-13:45

Thank you again Year 4,

Please can you send a photo or email to the address

LKS2@epcollier.reading.sch.uk

It can just be an email to say you have talked this work through with an adult.

Remember to add your name and Mrs Yeandle in the subject bar.

Jan 25-13:47

Jan 25-13:49