

Maths

This week, we will be revisiting perimeter and area.

Perimeter – the distance around the outside of a 2D shape.

Area – the space inside a 2D shape.

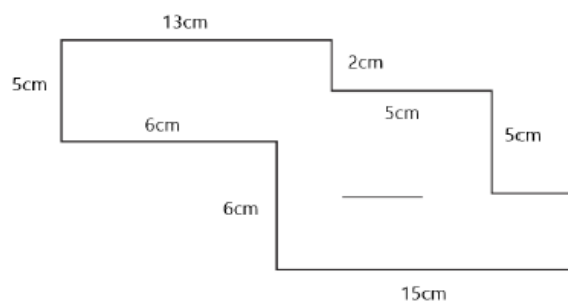
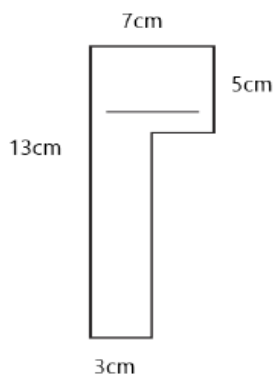
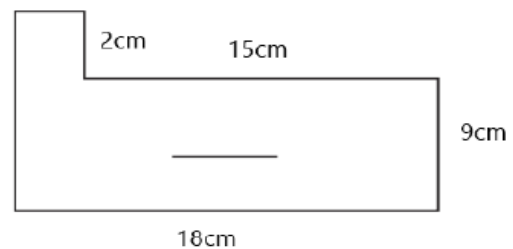
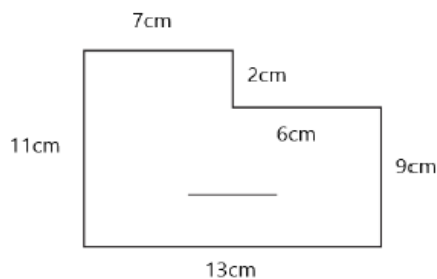
Monday - Look around your home and measure the perimeter of 8 different objects – choosing whether to measure them in mm, cm or m. If you do not have a ruler then use your hands to measure each object – how many hand spans is the perimeter of your object?

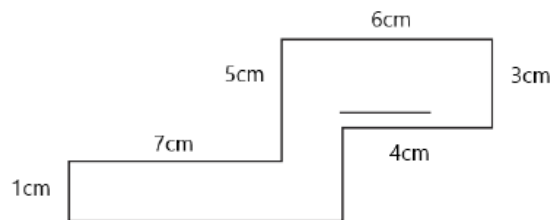
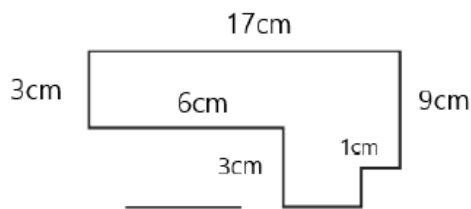
You could measure:

- A wardrobe
- The base of a shower
- Dining table
- Front door
- Notebook
- Reading book
- Phone
- Easter egg box (if you have any left!)
- TV
- Remote control
- Place mat
- Animal bed
- Mirror

Tuesday -

Find the perimeter of the following rectilinear shapes. Some sides have not been given to you so you will have to work them out.





Wednesday - You will not need a ruler to complete today's task.

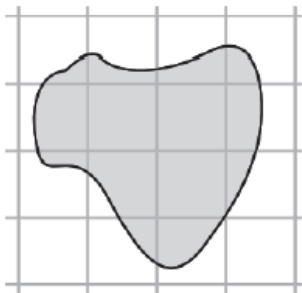
Today, we would like you to draw rectilinear shapes with the following perimeters:

1. 14cm
2. 27cm
3. 32cm
4. 10cm
5. 29cm
6. 48cm
7. 25cm
8. 40cm

Your shapes cannot be basic squares and rectangles. Have a look at the work from Tuesday to help you. As we've said, you won't need a ruler as you won't need to draw the exact shape – today is all about considering how long each side of your shape will be.

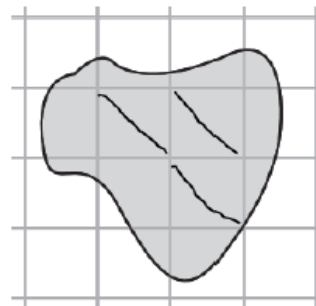
Thursday –

Today, you are going to find the area of irregular shapes. This can be quite tricky so follow the steps below.



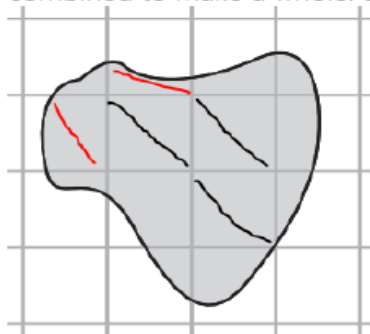
Step 1:

Cross out or mark the whole (or practically whole) squares

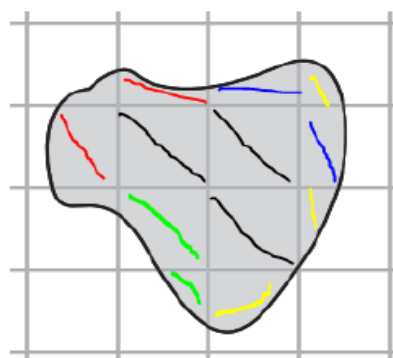


So far the area is 3cm^2 .

Now look for some squares that could be combined to make a whole. See the example.

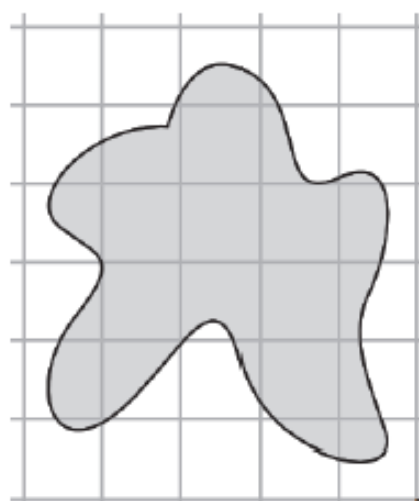
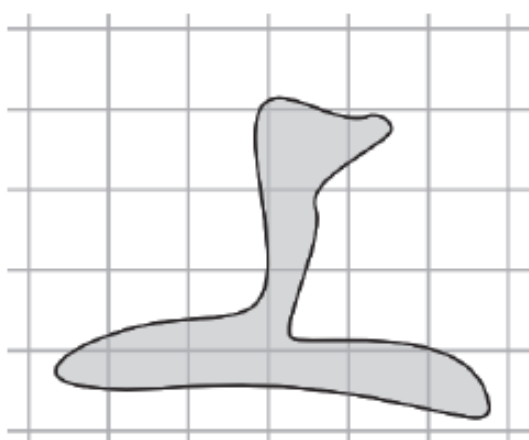
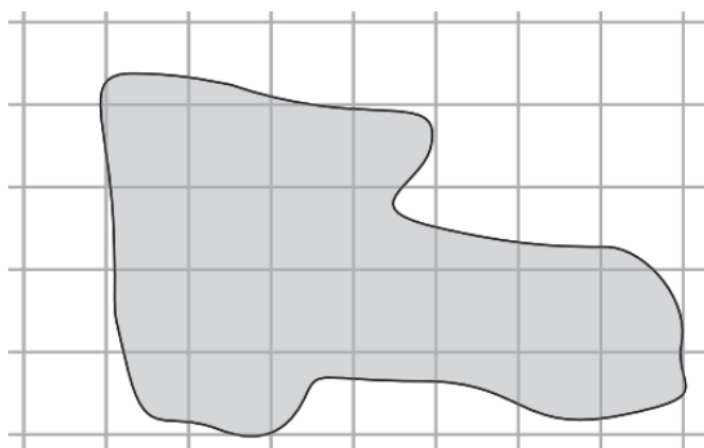


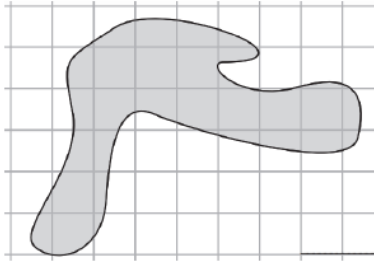
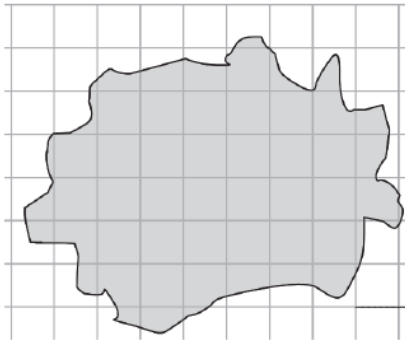
These two squares combined would make a whole square (ish). Look for any others. You can do this is the same colour or different colours as I have done. As you can see, I have been able to combine 3 parts to make one square (yellow).



Step 3:
Count up to total number of whole squares you have made. Remember the combined parts equal one square.
So the area of my shape is 7cm^2 .

Now have a go yourself.





Friday - How quickly can you complete the multiplication grid?

x	1	2	3	4	5	6	7	8	9	10	11	12
1												
2												
3												
4												
5												
6												
7												
8												
9												
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11												
12												

Time: ____ minutes ____ seconds