

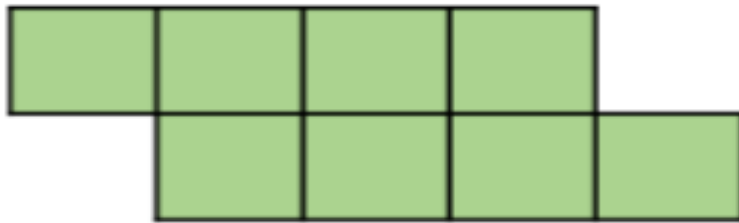
Friday 1st May – Maths

If you have a printer you can print out the sheets or if not just write the answers in your book. Or if you have a ruler you can draw the shapes in your book as well.

1. Here is a shape made from centimetre squares.

Find the perimeter of the shape.

$$4\text{cm}+1\text{cm}+1\text{cm}+1\text{cm}+4\text{cm}+1\text{cm}+1\text{cm}+1\text{cm}= 14\text{cm}$$

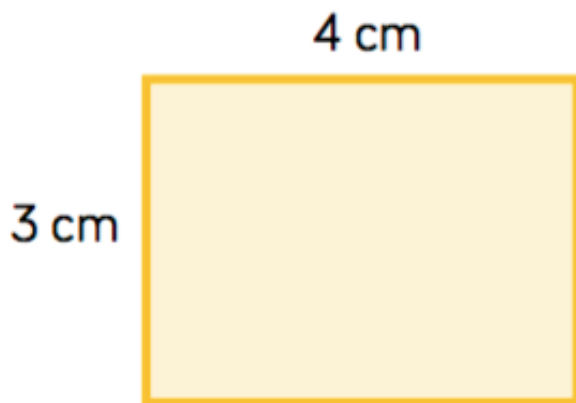


2. How many different rectangles can you draw with a perimeter of 20 cm?

3.

Amir is measuring the shape below.
He thinks the perimeter is 7 cm.

Can you spot his mistake?



Amir has only added two sides – not all four,.
The answer would be:
 $4\text{cm} + 3\text{cm} + 4\text{cm} + 3\text{cm} = 14\text{cm}$

4.

Whitney is measuring the perimeter of a square.
She says she only needs to measure one side of the square.

Do you agree?
Explain your answer.

I agree. Whitney can work out the perimeter with only the measurement of one side of the square, as all of the sides of the square will be the same length.

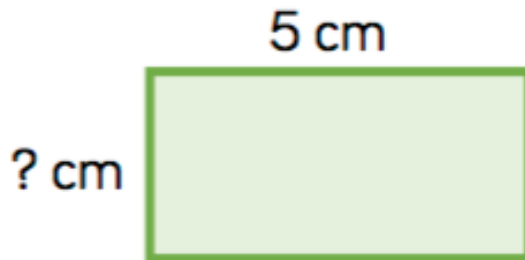
5.



The star has 10 sides, so you need to divide the total perimeter by 10.
So 60 divided by $10 = 6$. Each side is 6cm long.

Each side of this shape is of equal length.
The perimeter is 60 cm .
How long is each side?

6. What is the length of the missing side?



$5\text{cm} + 5\text{cm} = 10\text{cm}$ which is half of the perimeter. So the other half would be $16\text{cm} - 10\text{cm} = 6\text{cm}$
And then this needs to be split into the two equal halves. So each side length is 3cm .

Perimeter = 16 cm