

# Level 5/6 Homework Term 2 Week 4 2017

Assigned: Friday 5<sup>th</sup> May 2017

Due: Thursday 11<sup>th</sup> May 2017

## Reading

**Home reading:** Continue to complete at least 20 minutes of reading every day. Keep your book in your bag so that you can read it when you get time in class, or have another book at school to read. Remember to keep a record of the books you have been reading this year so that you can enter them on the *Premier's Reading Challenge* **which started last term and ends in September!**

## Maths Perimeter

### Applied Maths

We have been learning about perimeter during applied maths sessions. You should now know that the perimeter is the measurement around a 2 dimensional shape. You should be able to calculate the perimeter of the regular and irregular polygons on the perimeter problems worksheet.

## Maths Problem Solving

You have been asked to design a new vegetable garden for the school barn. The only instruction you have is that it must have a **perimeter of 600cm**.

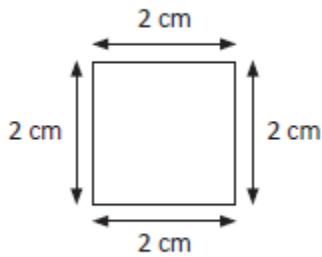
Record as many possible layouts as you can. They do not need to be to scale but you should label all sides and ensure you have the correct finished perimeter. Regular and irregular polygons can be used.

## Mathletics

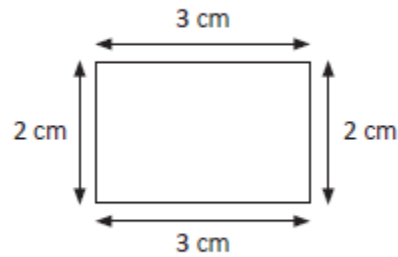
Log on to Mathletics and complete any incomplete and newly set tasks.

Don't forget that a great way to brush up on your times tables skills (and drive your siblings crazy) is to sing along with the **Mathletics Times Tables Toons**. 😊

Perimeter is the length around the outside of a shape.

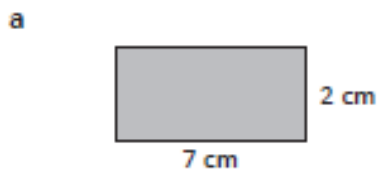


The perimeter of the square is 8 cm.

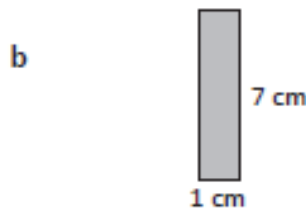


The perimeter of the rectangle is 10 cm.

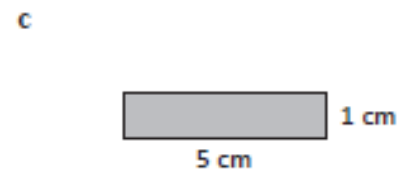
These shapes are not to scale, so you can't use your ruler to work out the perimeter. Can you find the perimeter of these shapes?



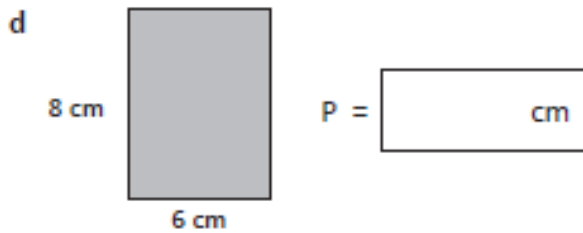
P =  cm



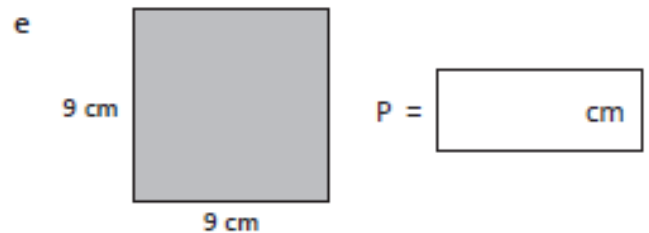
P =  cm



P =  cm



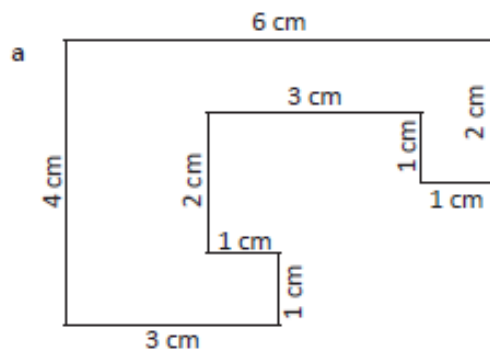
P =  cm



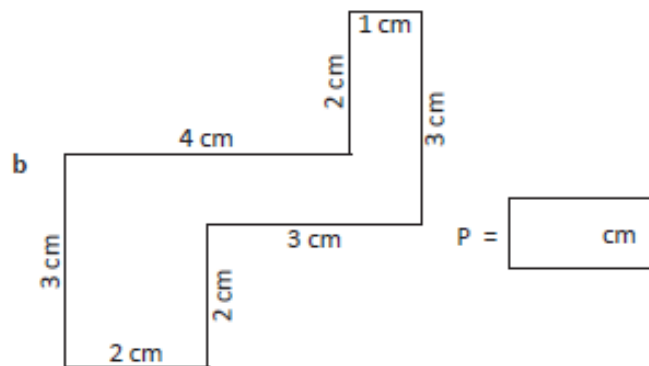
P =  cm

Irregular shapes are not symmetrical. This means we need to measure each side.

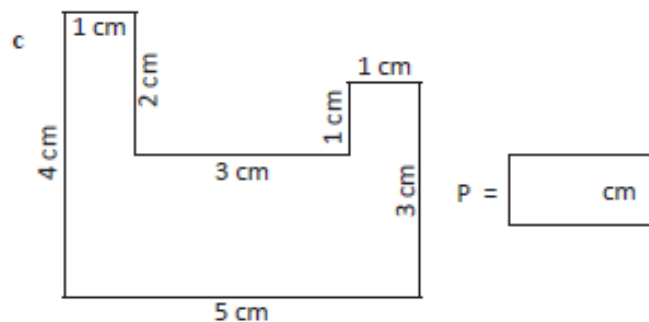
Find the perimeters of these irregular shapes:



P =  cm



P =  cm



P =  cm