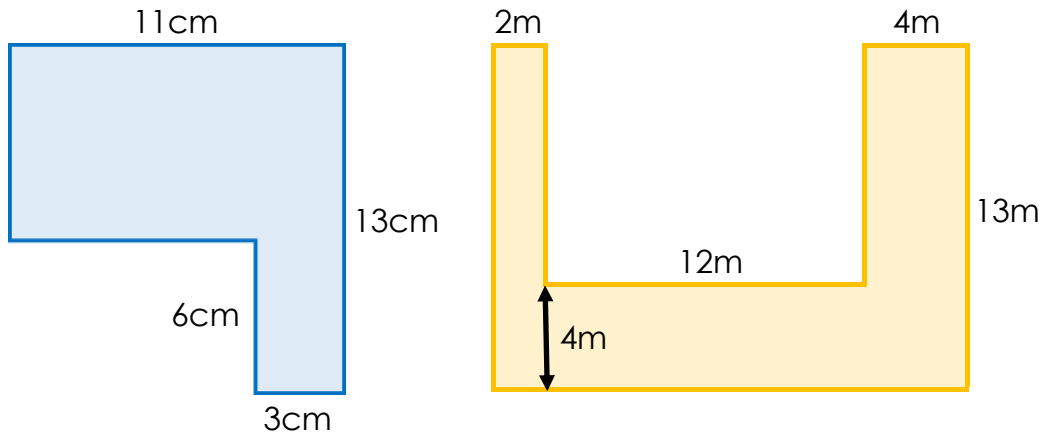




YR5 PROGRESSION IN MASTERY LESSON PACK - CALCULATING PERIMETER

FLUENCY 1

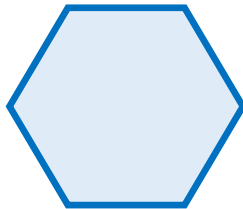
FIRST... Use a part whole model to help you calculate the length of the missing sides.



NOW... Find the perimeter of these irregular shapes.

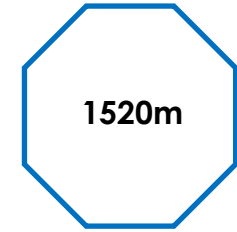
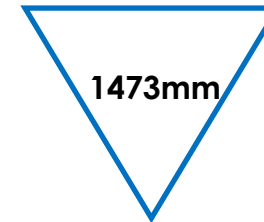
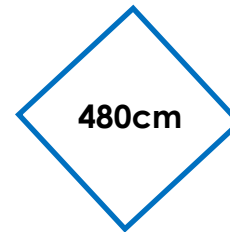
FLUENCY 2

A regular hexagon has a side of 6cm. Find its perimeter.



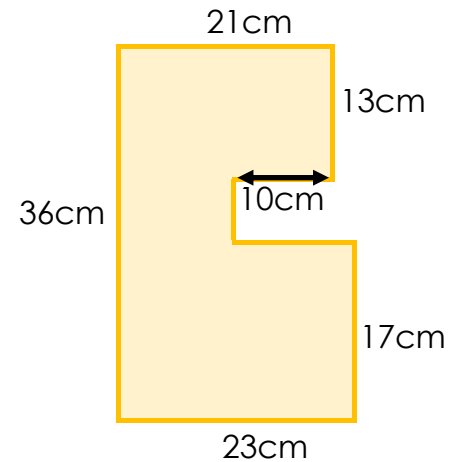
FLUENCY 3

All of these shapes are regular. Inside each shape is their total perimeter. Work out the length of each side.



FLUENCY 4

Add the correct symbol to compare the perimeters.



1.5m

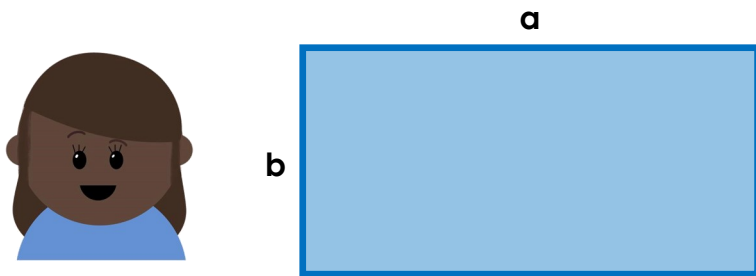




REASONING 1

Anita's rectangle has a perimeter of 40cm.

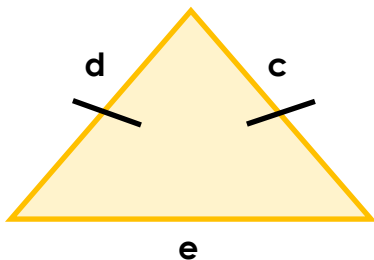
What could the values of a and b be? **Convince Me!**



REASONING 2

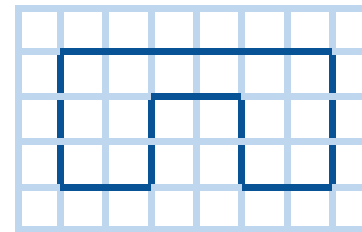
True or False?

If the perimeter of the triangle is 56km, then the length of side d could be 17.5km.

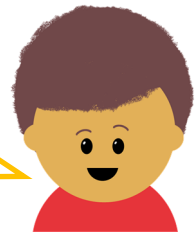


REASONING 3

Marlon has been learning to calculate the perimeter of shapes.



The perimeter of this shape is 80cm.

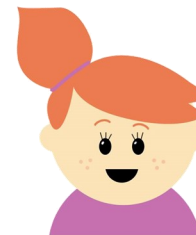


(The grid squares have a side length of 4cm)

Do you agree?

REASONING 4

Millie has drawn a shape.



It is a regular shape with a total perimeter of 24cm. One side of the shape is < 5cm.

What could her shape be? Is there only one possibility?

Convince Me!



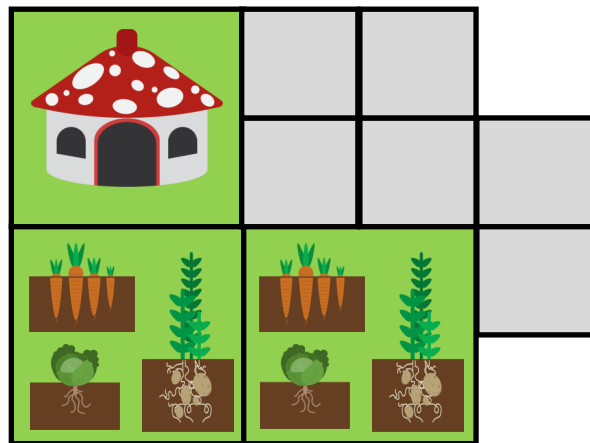


PROBLEM SOLVING 1

This is Jane's garden.

It is split into a grassy area and patio.

Using the information given, calculate the total perimeter.

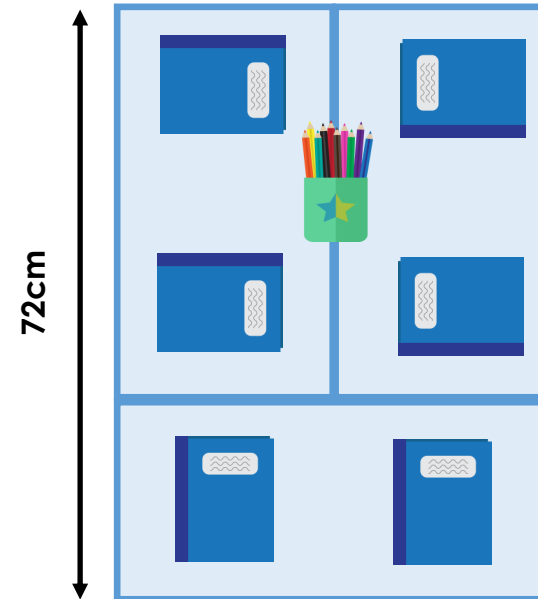


Perimeter
20cm

PROBLEM SOLVING 2

Here is a classroom table made up of three smaller tables.

The length of each smaller table is double its width.



Calculate the perimeter of ONE of the smaller tables.

