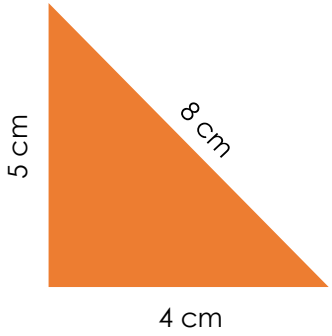
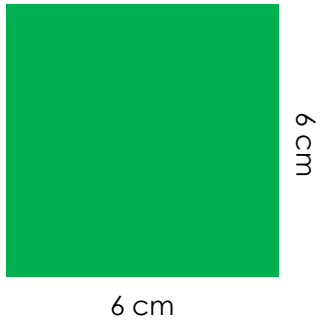
YR3 PROGRESSION IN MASTERY LESSON PACK - CALCULATE PERIMETER

FLUENCY 1

Match the shape to its perimeter.





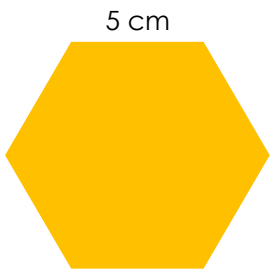
17 cm

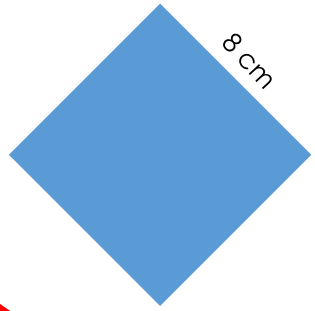
24 cm

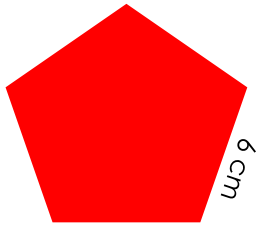
16 cm

FLUENCY 2

Calculate the perimeter of these regular shapes.







FLUENCY 3

A square has a perimeter of 16cm

What do its sides measure?

FLUENCY TASKS

YR3 PROGRESSION IN MASTERY LESSON PACK - CALCULATE PERIMETER

REASONING 1

True or False?

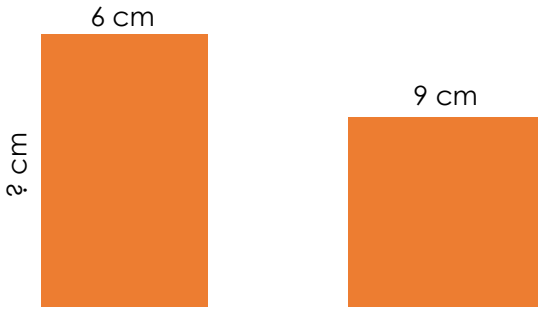
If the perimeter = 18cm, there are 3 different possibilities for this shape's side lengths.

REASONING 2

Convince me!

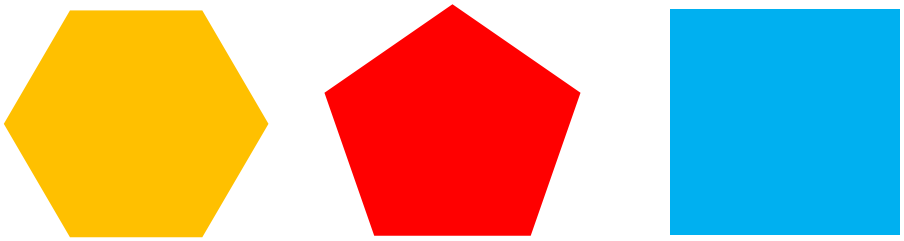
If these 2 shapes have the same perimeter,

the missing side measures 12cm?



REASONING 3

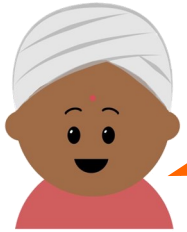
Which of these regular shapes could have a perimeter of 12cm?



Explain your reasoning.

REASONING 4

Ranjit says…..



You don't need to know the measurement of all the sides of a shape to calculate its perimeter.

Do you agree?

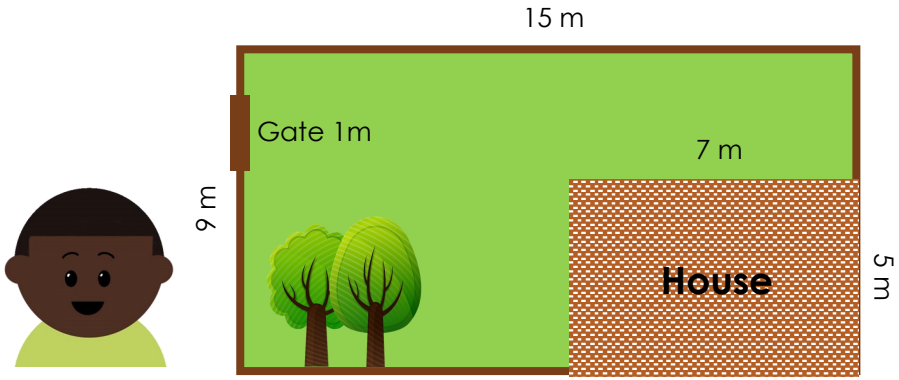
Why/why not?

REASONING TASKS

YR3 PROGRESSION IN MASTERY LESSON PACK - CALCULATE PERIMETER

PROBLEM SOLVING 1

This is a drawing of Caleb's garden.



He needs to replace the fence.

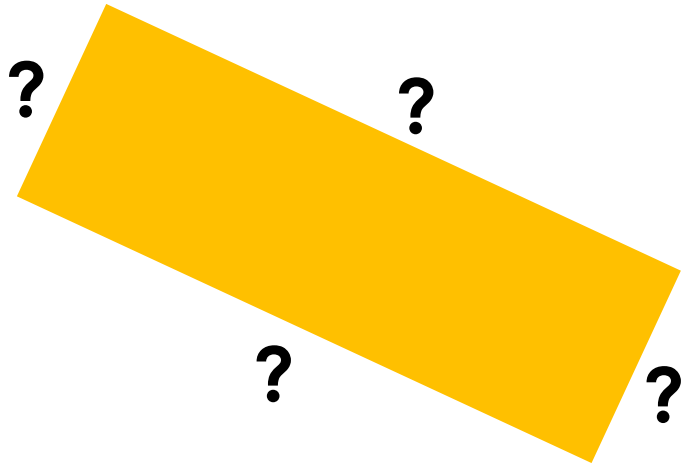
Which is the cheapest way to buy exactly the correct number of new fence panels?

A = 1m long @£2 each	B = 5m long @£8 each
C = 4m long @£6.50 each	D = 2m long @£4 each

How much would it cost?

PROBLEM SOLVING 2

How many different rectangles can you draw with a perimeter of 24cm.



How can you be sure you have found them all?

PREDICT AND EXPLORE...

How many rectangles will have a perimeter of 36cm?

PROBLEM SOLVING TASKS