

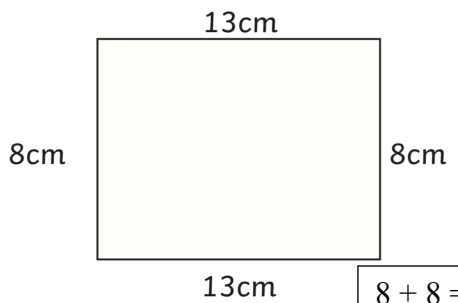
Action: to calculate the perimeter of a shape.

The perimeter of a shape is the distance around the outside of the shape. So, to find the perimeter of a shape you need to add the lengths of each side together.

For example, if a farmer was building a fence to go around the outside of a field, they would need the perimeter to buy the right amount of fencing.



For example:



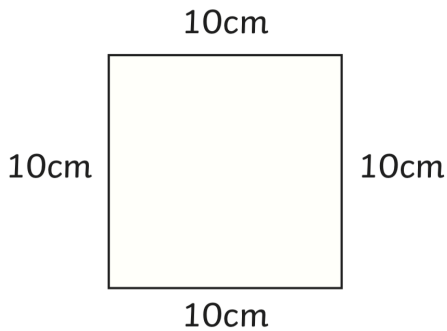
$8 + 8 = 16\text{cm}$	$13 + 13 = 26\text{cm}$
$16\text{cm} + 26\text{cm} = 42\text{ cm}$	Perimeter = 42 cm

Practice

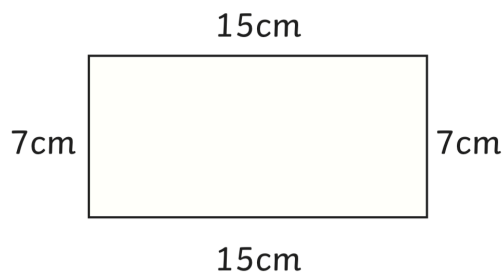
Calculate the perimeter of each of these shapes. Write the answer inside the shape. Always check the units of measure and remember that these drawings are not to scale!

Remember to include the units in your answer!

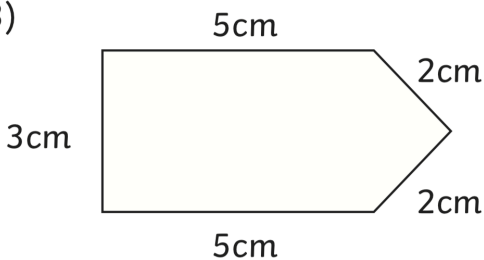
1)



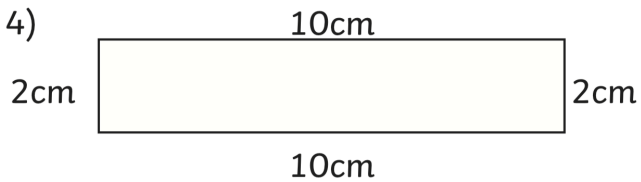
2)



3)

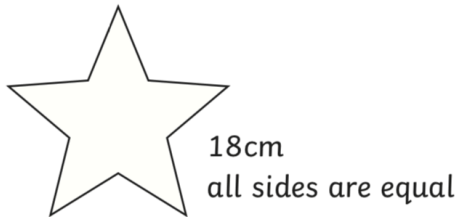
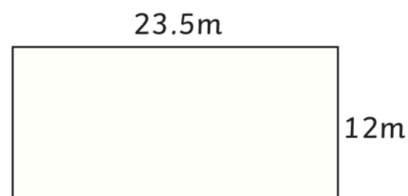
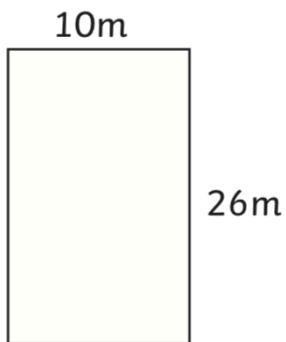
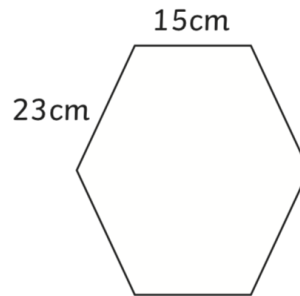


4)



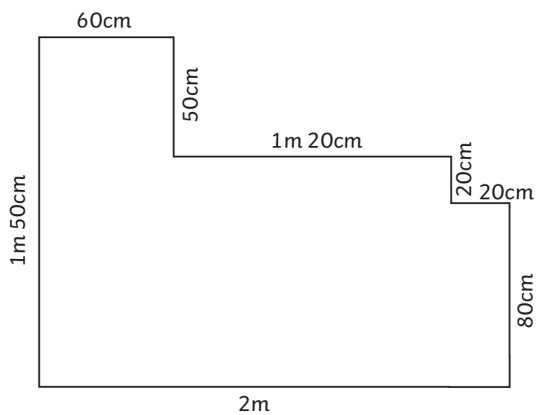
Apply

Now try these: Think about what you know about rectangles to help you decide on the missing lengths.



Reason

Mr Taylor is putting a border around a display in the school entrance hall. The board is a bit of a funny shape. Can you help him by working out the length of border he will need to go round the perimeter? (Tip: watch out for cm or m.)



Show your working out here.

Remember:

$$1\text{m} = 100\text{cm}$$

