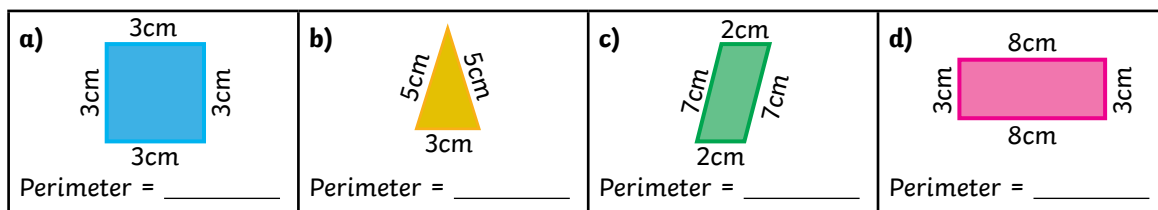
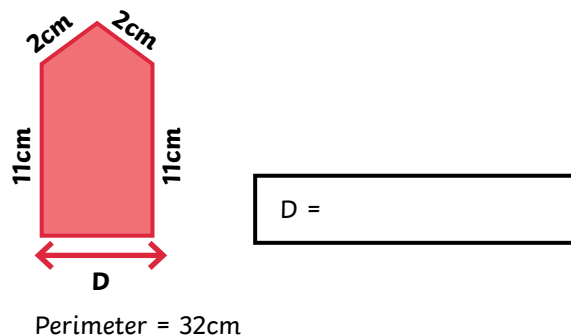
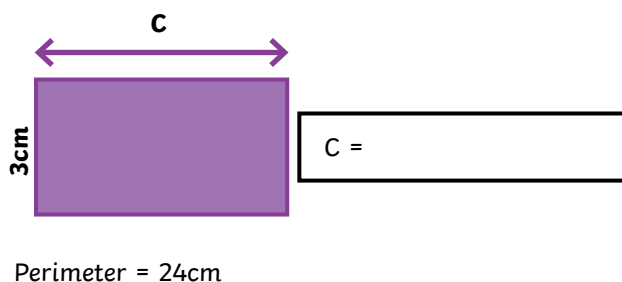
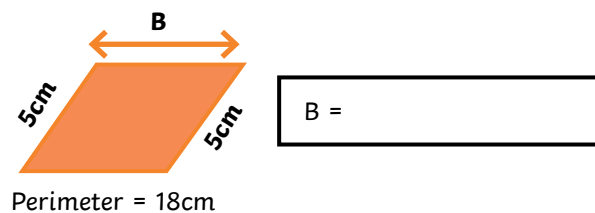
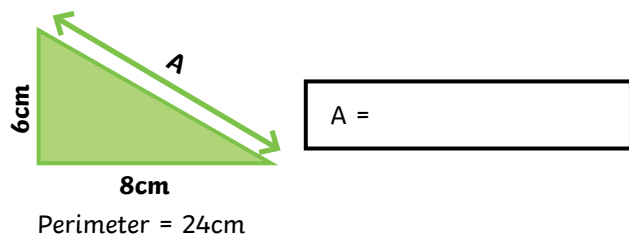


1) Calculate the perimeter of these shapes. You can use the box below for your working out.

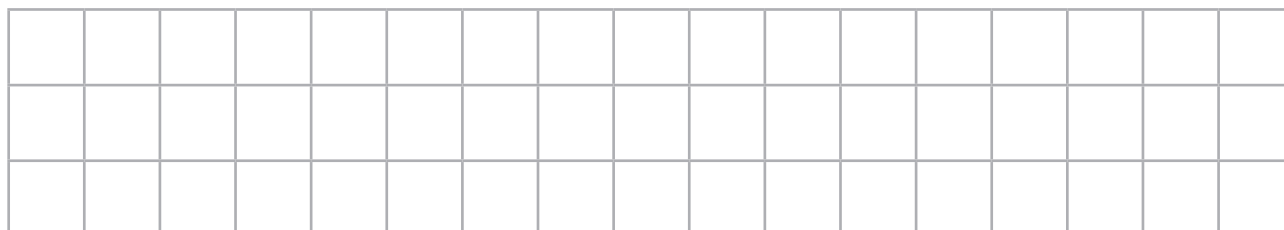
[illegible]

2) Now find the lengths of the missing sides, using the information given to help you.

[illegible]



- 1) Theo is calculating the perimeter of this rectangle.



He says that the perimeter is 11cm. Theo is incorrect. Explain why.

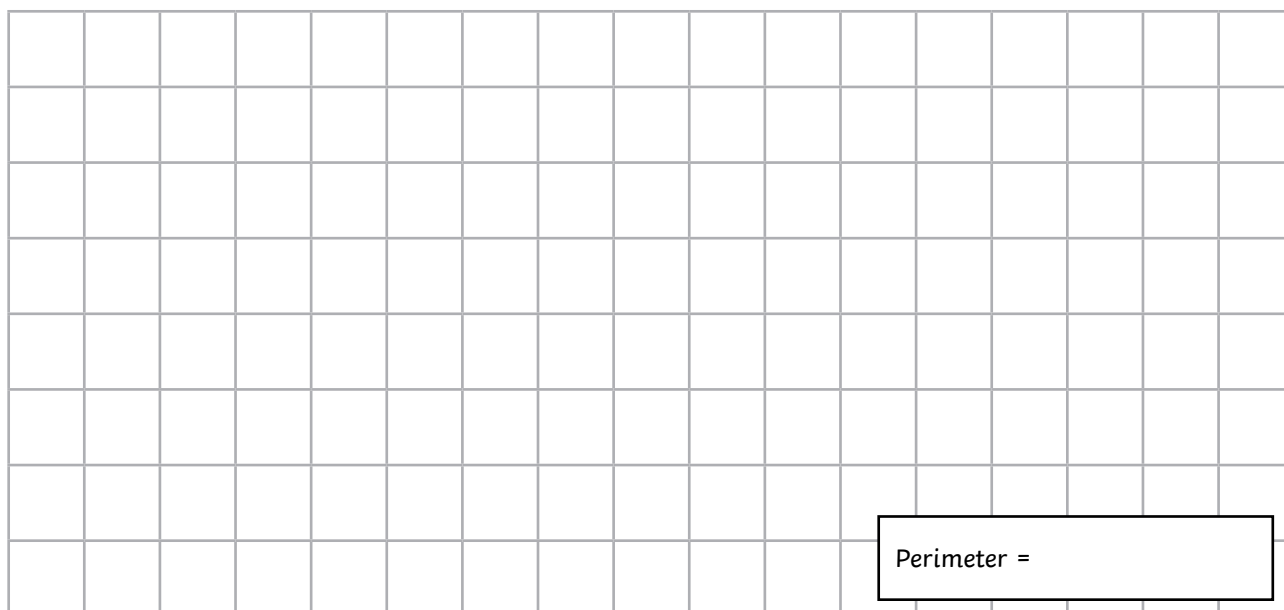
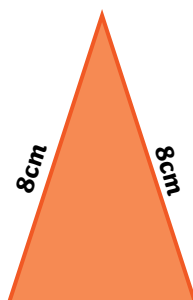
- 2) Each side of the blue shape is the same length.

The missing length of the triangle is the same as one of the sides of the blue shape.

What is the perimeter of the orange triangle?



Perimeter = 40cm



Perimeter =



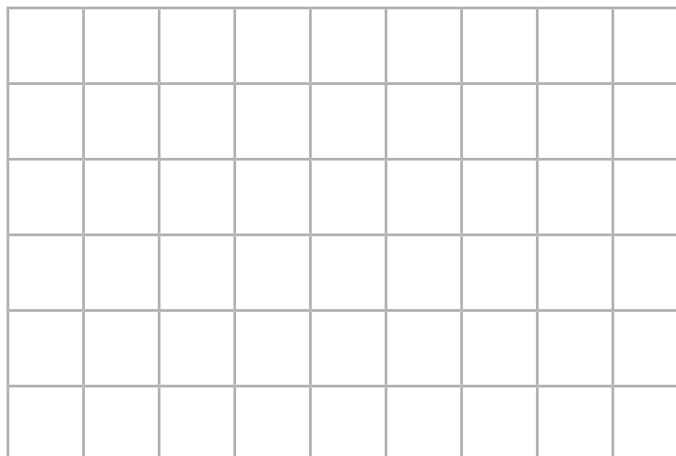
- 1) The perimeter of the rectangle is 16cm. The lengths are all whole numbers. What could the lengths of the sides be? Find all three possibilities.



$a =$ _____ $b =$ _____

$a =$ _____ $b =$ _____

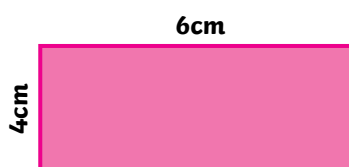
$a =$ _____ $b =$ _____



- 2) Hugo has drawn a rectangle.



If I halve the measurement of one pair of sides and double the length of the other pair, I will get the same perimeter.



Is this true? Prove it!



- 3) a) Explore how many different rectangles you can draw with a perimeter of 26cm.
b) What other shapes can you draw with the same perimeter? Explore.

