

## Year 4 – Geometry – Calculating the perimeter of a rectangle

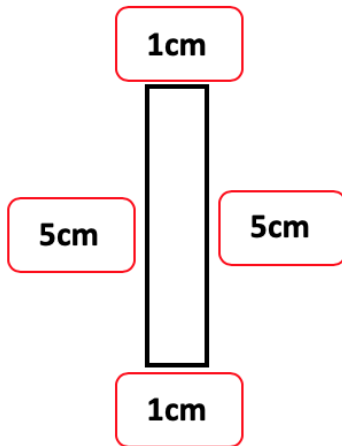
### Remember...

Each side of a square is equal (the same). If you know the length of one side, you can multiply this by four.

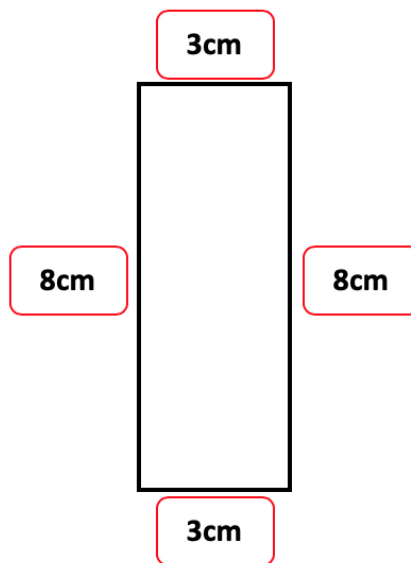
The opposite lengths of a rectangle are the same. The opposite widths of a rectangle are the same. If you only know the length and width, you can add these together and double your answer.

1. Calculate the perimeter of each of these shapes (not to scale).

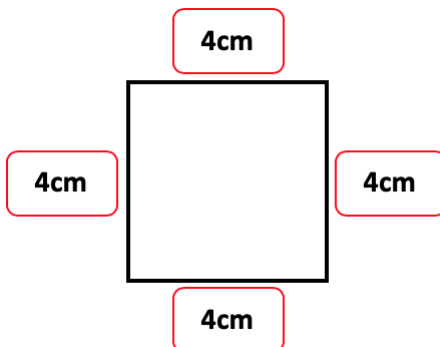
a)



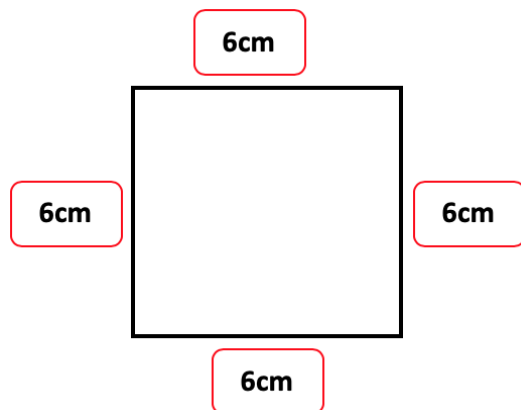
b)



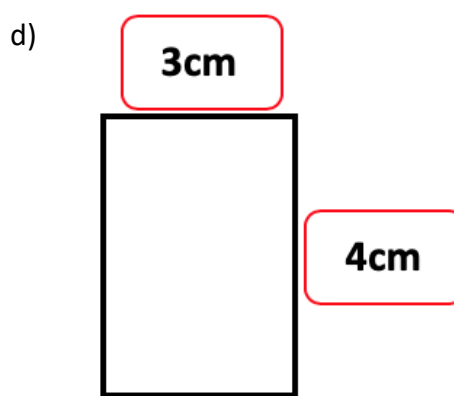
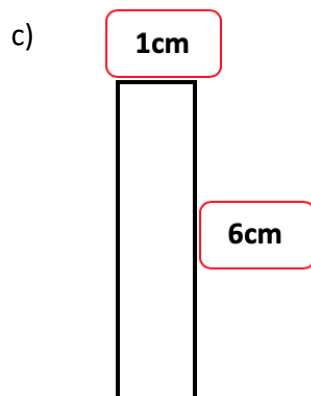
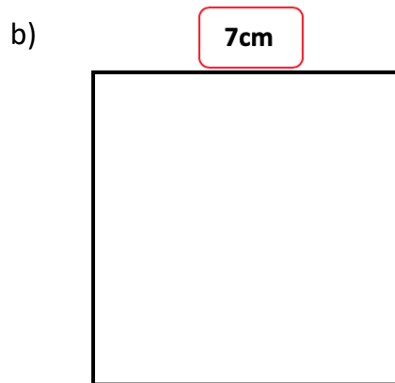
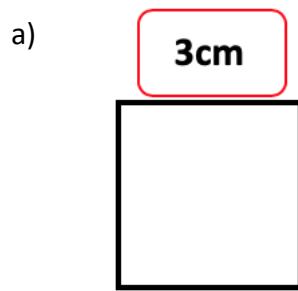
c)



d)



2. Calculate the perimeter of these shapes using your knowledge of shape properties.



3. Answer these word problems using your knowledge of shape properties.

a) The total perimeter of a square is 36cm. What is the length of one side?

b) The total perimeter of a square is 48cm. What is the length of one side?

c) The total perimeter of a rectangle is 30cm. The length of one side is 8cm. What is the width?

d) The total perimeter of a rectangle is 32cm. The width of one side is 5cm. What is the length?