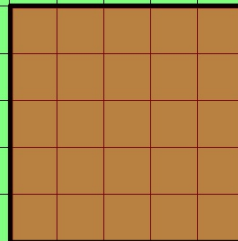
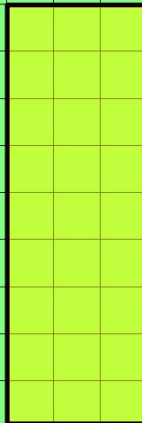
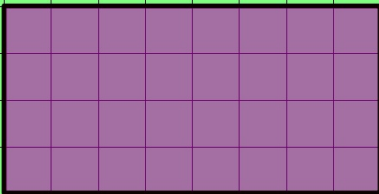
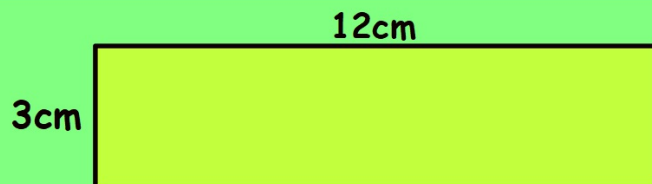


# What is Perimeter?

Perimeter is the distance around the outside of a shape.

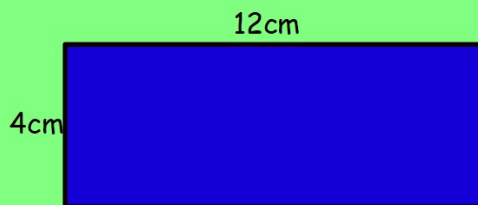
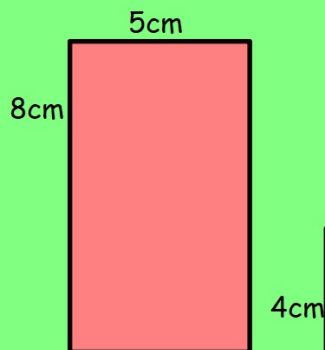
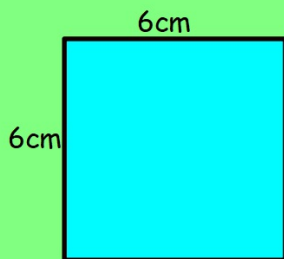
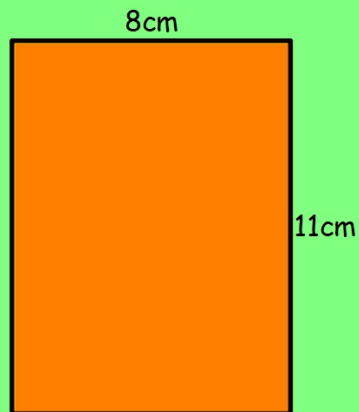
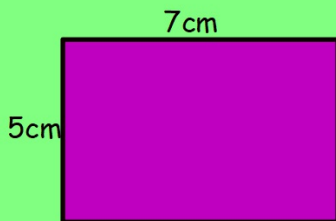
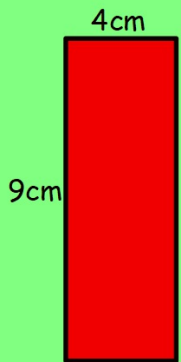


What strategy could you use to work out the perimeter of this rectangle?

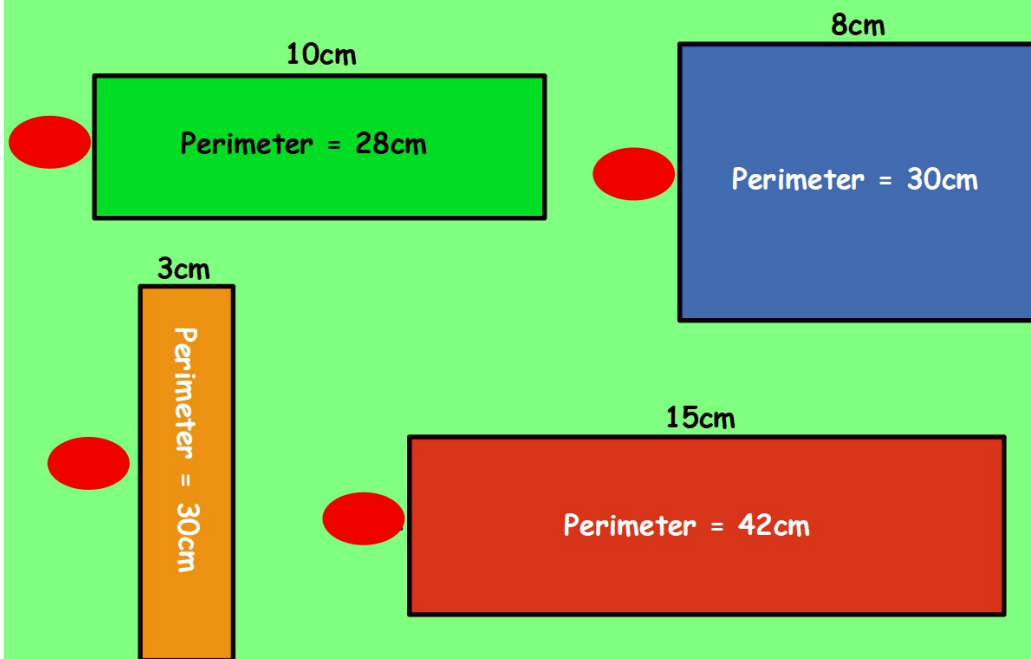


1. Add all the sides up  $3 + 12 + 3 + 12 = 30\text{cm}$
2. Double the length  $12 \times 2 = 24\text{cm}$   
Double the breadth  $3 \times 2 = 6\text{cm}$   
Then add together  $24\text{cm} + 6\text{cm} = 30\text{cm}$
3. Add the length and breadth  $12\text{cm} + 3\text{cm} = 15\text{cm}$   
Then double your answer  $15\text{cm} \times 2 = 30\text{cm}$   
 $(l + b) \times 2$

Work with your partner to find the perimeter of each square or rectangle.  $\text{Perimeter} = (l + b) \times 2$



If we know the length and perimeter of each rectangle, how could we work out the breadth?  $\text{Perimeter} = (l + b) \times 2$



$$\text{PERIMETER} = (l + b) \times 2$$

	Length	Breadth	Perimeter
1.	5cm	3cm	
2.	3cm	12cm	
3.	7cm	13cm	
4.	6cm	8cm	
5.	10cm	11cm	
6.	2cm	9cm	
7.	15cm	7cm	
8.	11cm	15cm	
9.	9cm		24cm
10.	8cm		32cm
11.	12cm		60cm
12.	20cm		42cm