CHALLENGE!

If we know the area and the perimeter of these rectangles, can you work out the length and breadth?

Area = $24cm^2$
Perimeter = 22cm

Area = $20cm^2$
Perimeter = 24cm

Area = $30cm^2$
Perimeter = 22cm

Area = $44cm^2$
Perimeter = 30cm

AREA = l x b

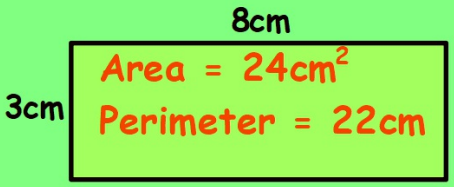
PERIMETER = (l + b) x 2

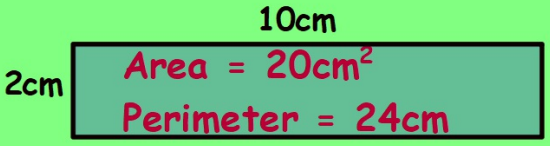
	Length	Breadth	Area	Perimeter
1.	5cm	3cm		
2.	3cm	12cm		
3.	7cm	11cm		
4.	6cm	8cm		
5.	10cm		$60cm^2$	
6.	2cm		$24cm^2$	
7.	15cm		$150cm^2$	
8.	11cm		$99cm^2$	
9.	9cm			24cm
10.	8cm			32cm
11.			$45cm^2$	28cm
12.			$42cm^2$	26cm

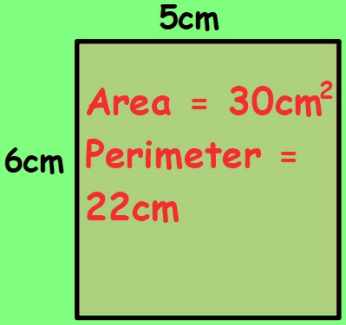
ANSWERS

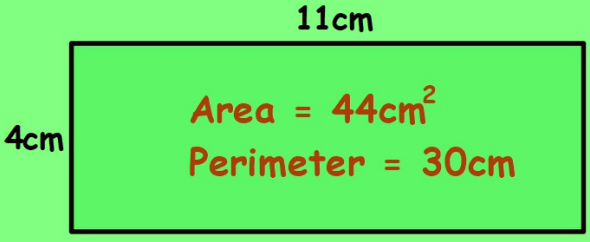
CHALLENGE!

If we know the area and the perimeter of these rectangles, can you work out the length and breadth?









AREA = l x b

PERIMETER = (l + b) x 2

ANSWERS

	Length	Breadth	Area	Perimeter	
1.	5cm	3cm	15cm^2	16cm	
2.	3cm	12cm	36cm^2	30cm	
3.	7cm	11cm	77cm^2	36cm	
4.	6cm	8cm	48cm^2	28cm	
5.	10cm	6cm	60cm^2	32cm	
6.	2cm	12cm	24cm^2	28cm	
7.	15cm	10cm	150cm^2	50cm	
8.	11cm	9cm	99cm^2	40cm	
9.	9cm	3cm	27cm^2	24cm	
10.	8cm	8cm	64cm^2	32cm	
11.	5cm	9cm	45cm^2	28cm	(or 9cm by 5cm)
12.	6cm	7cm	42cm^2	26cm	(or 7cm by 6cm)