




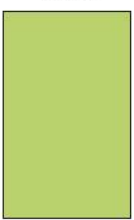
Wednesday 9th June 2020

Calculating Perimeters of rectangular shapes

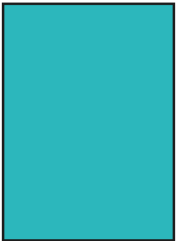
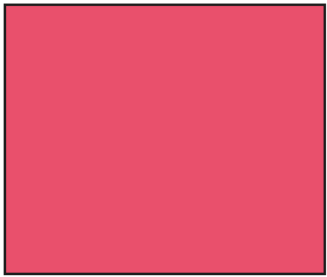
1. If the shapes are drawn on plain paper, we will have to use the measurements given.

Calculate the perimeter of these shapes using this method.

a)  
___ cm + ___ cm + ___ cm + ___ cm = ___ cm

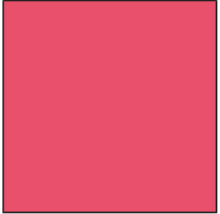


b)  
___ m + ___ m + ___ m + ___ m = ___ m

2. Another way to calculate the Perimeter of a rectilinear shape is to add two adjacent sides (a length and a width) together then multiplying by two. Calculate the Perimeter of these two shapes using this method.

a)  b) 

Just to get you started: a) $3\text{cm} + 4\text{cm} = \underline{\quad}\text{cm}$
 $\underline{\quad} \times 2 = \underline{\quad}\text{cm}$

3) **Look at these calculations. Which are correct? Can you explain why? Can you explain the mistakes and find the correct answers?**

<p>a)  $6\text{cm} \times 4 = 24\text{cm}$</p>	<p>b)  $7\text{cm} + 3\text{cm} = 10\text{cm}$ $10\text{cm} \times 2 = 20\text{cm}$</p>	<p>c)  $9\text{cm} + 5\text{cm} = 14\text{cm}$</p>
--	--	--

PAY ATTENTION TO EVERY DETAIL

4. The perimeter of this rectangle is 20cm. One of the sides is 3cm. Calculate the measurements of the other sides.

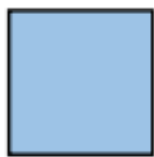


CHALLENGE

The perimeter of a rectangle is 18cm. The measurement of each side is a whole number. What could the measurements be? Find ALL possible answers. Draw them if it helps!

SUPER DOOPER CHALLENGE

Here is a square. Each of the sides is a whole number of metres.



Which of these lengths could be the perimeter of the shape?

24 m, 34 m, 44 m, 54 m, 64 m, 74 m

Why could the other values not be the perimeter?

