

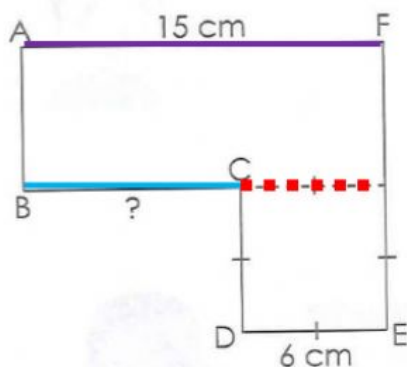
# Mathematics

## Rectangles and Squares

Thursday

Figure ABCDEF is made up of a square and a rectangle.  
What is the length of BC?

Press play

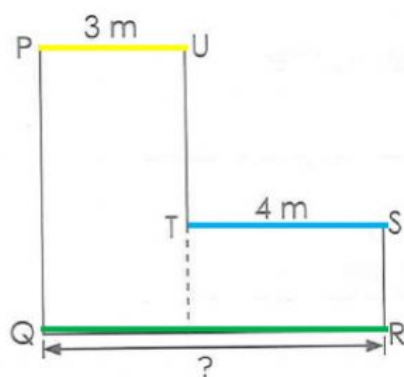


$$\begin{aligned} BC &= 15 - 6 \\ &= 9 \text{ cm} \end{aligned}$$

The length of BC is 9 centimeters.

Figure PQRSTU is made up of two rectangles.  
What is the length of QR?

Press play

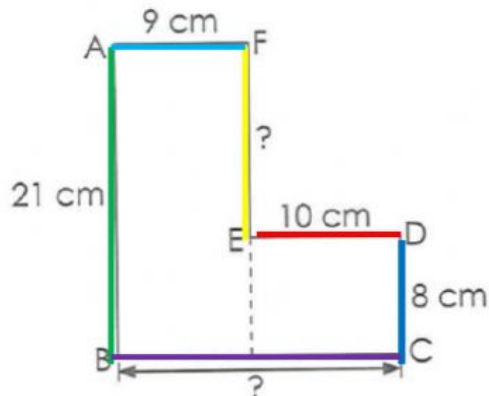


$$\begin{aligned} QR &= 3 + \blacksquare \\ &= \blacksquare \text{ m} \end{aligned}$$

The length of QR is  $\blacksquare$  meters.

All the sides in the figures meet at right angles.  
What are the lengths of the unknown sides in each figure?

a)

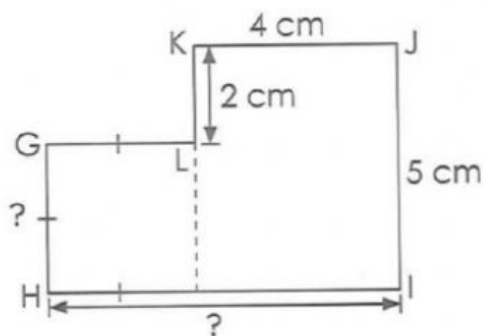


The figure is made up of two rectangles.

$BC = \underline{\hspace{1cm}} \text{ cm}$

$EF = \underline{\hspace{1cm}} \text{ cm}$

b)

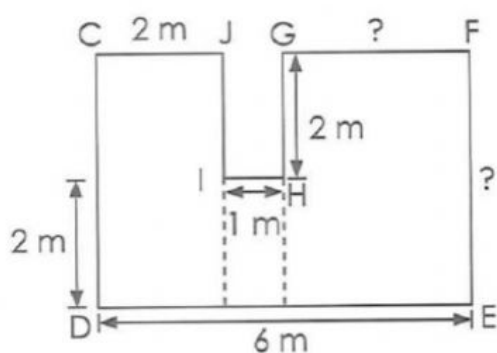


The figure is made up of a square and a rectangle.

$GH = \underline{\hspace{1cm}} \text{ cm}$

$HI = \underline{\hspace{1cm}} \text{ cm}$

c)



The figure is made up of three rectangles.

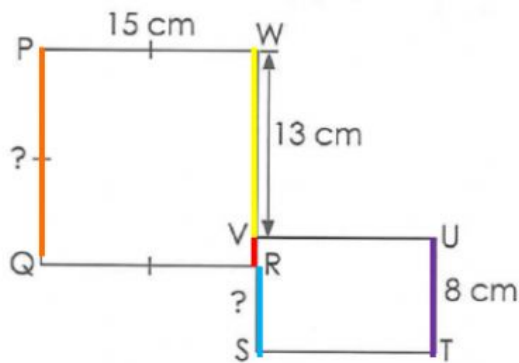
$GF = \underline{\hspace{1cm}} \text{ m}$

$FE = \underline{\hspace{1cm}} \text{ m}$

# Press play

# DO

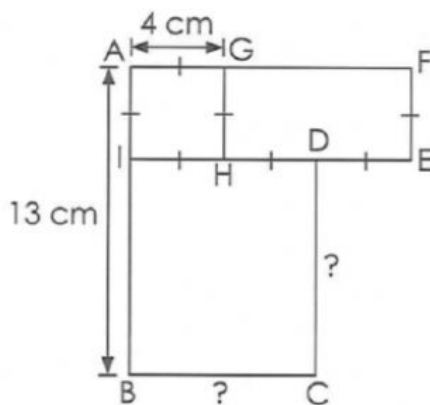
The figure is made up of a square PQRW and a rectangle VSTU. What are the lengths of PQ and RS?



$$PQ = \underline{\hspace{1cm}} \text{ cm}$$

$$RS = \underline{\hspace{1cm}} \text{ cm}$$

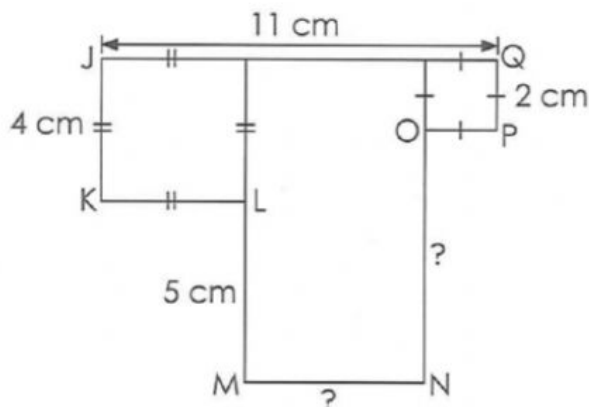
The figure is made up of a square and two rectangles. What are the lengths of BC and CD?



$$BC = \underline{\hspace{1cm}} \text{ cm}$$

$$CD = \underline{\hspace{1cm}} \text{ cm}$$

The figure is made up of two squares and a rectangle. What are the lengths of MN and NO?



$$MN = \underline{\hspace{1cm}} \text{ cm}$$

$$NO = \underline{\hspace{1cm}} \text{ cm}$$