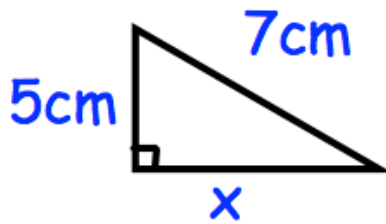


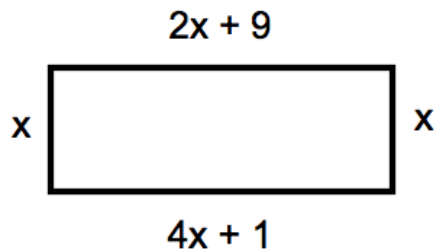
31st January



Corbettmaths

Find  $x$ 

A rectangle is shown below.

Explain why  $4x + 1 = 2x + 9$ Solve the equation above to find the size of  $x$ .

Work out the area of the rectangle.

Write down the exact value of  $\sin 30^\circ$ Write down the exact value of  $\tan 45^\circ$ 

$$a = \begin{pmatrix} 2 \\ -1 \end{pmatrix} \quad b = \begin{pmatrix} 5 \\ 3 \end{pmatrix}$$

Work out  $2a - b$  as a column vector