

16th May



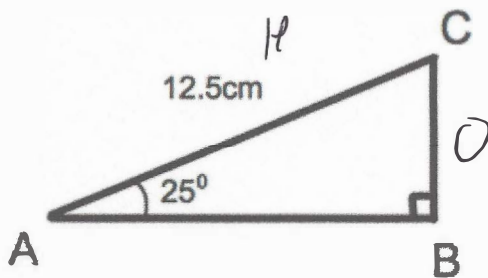
Corbettmaths

Write 8200000 in standard form.

$$8.2 \times 10^6$$

Write 0.0000491 in standard form.

$$4.91 \times 10^{-5}$$

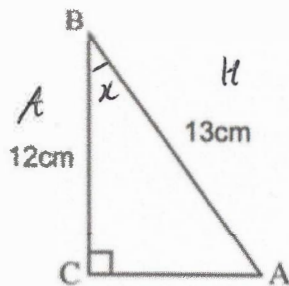


Calculate the length of BC.

$$\sin 25^\circ$$

$$\sin(25) \times 12.5$$

$$5.28 \text{ cm}$$



Calculate angle ABC.

$$\cos x = \frac{12}{13}$$

$$x = \cos^{-1} \frac{12}{13} = 22.62^\circ$$

$$\begin{array}{cccccc} x & -2 & -1 & 0 & 1 & 2 \\ y & -2 & -7 & -8 & -5 & 2 \end{array}$$

On the grid, draw  $y = 2x^2 + x - 8$ 