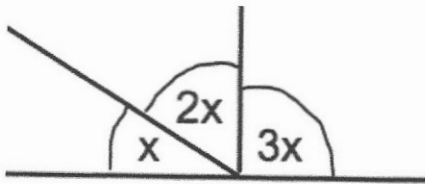


Solve  $x^2 + 5x - 24 = 0$ 

$$(x + 8)(x - 3) = 0$$

$$x = -8 \text{ or } x = 3$$

Three angles made up a straight line.

Form an equation in  $x$ .

$$6x = 180$$

Solve the equation to find the value of  $x$ 

$$x = 30^\circ$$

Work out the size of the largest angle.

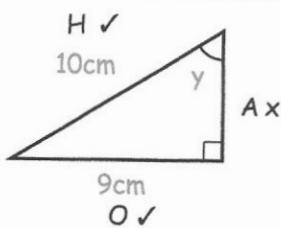
$$3 \times 30 = 90^\circ$$

Make  $x$  the subject

$$\frac{x + t}{m} = 2c$$

$$x + t = 2cm$$

$$x = 2cm - t$$



$$\sin x = \frac{9}{10}$$

$$\sin x = 0.9$$

$$x = \sin^{-1} 0.9$$

$$x = 0.016^\circ$$

Can you spot any mistakes in the answer to this trigonometry question?

should be

$$x = \sin^{-1} 0.9$$

$$\text{then } x = 64.16^\circ$$