

7th November

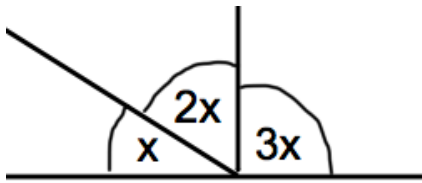


Corbettmaths

Solve

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

Three angles made up a straight line.



Form an equation in x.

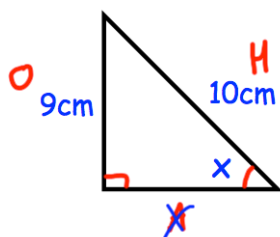
Solve the equation to find the value of x

Work out the size of the largest angle.

Make x the subject

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

Find the size of the angle x.



$$\begin{aligned} \sin x &= \frac{9}{10} \\ \sin x &= 0.9 \\ x &= \sin^{-1} 0.9 \\ x &= 0.016^\circ \end{aligned}$$

Can you spot any mistakes in this trigonometry question?