

14th October



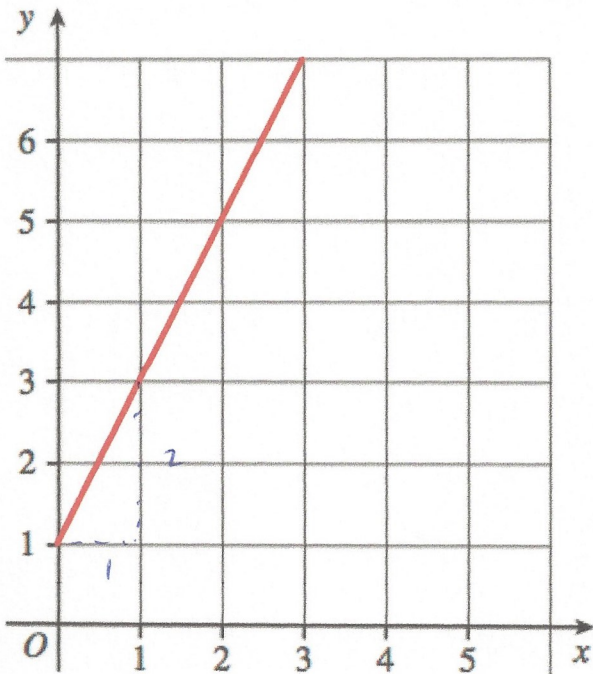
Corbettmaths

Write 2.39×10^6 as an ordinary number

2390000

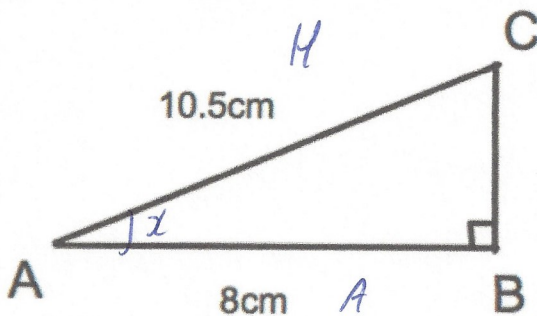
Write 0.00034 in standard form

3.4×10^{-4}



Work out the equation of line L

$$y = 2x + 1$$



Calculate angle BAC.

$$\begin{aligned} \cos x &= \frac{8}{10.5} \\ x &= \cos^{-1}\left(\frac{8}{10.5}\right) \\ x &= 40.3676^\circ \end{aligned}$$

A fish tank has sprung a leak, at the base of the tank.

5% of the water is lost every minute.

How much water is lost from the tank after ten minutes?

$$100 \times 0.95^{10} = 59.87$$

$$100 - 59.87 = \dots$$

$$40.1263\%$$