

14th July

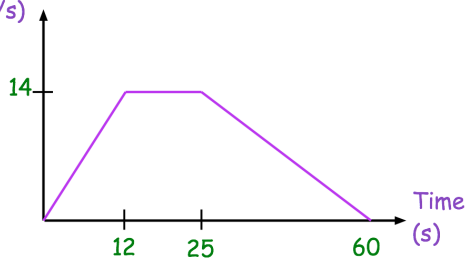


Corbettmaths

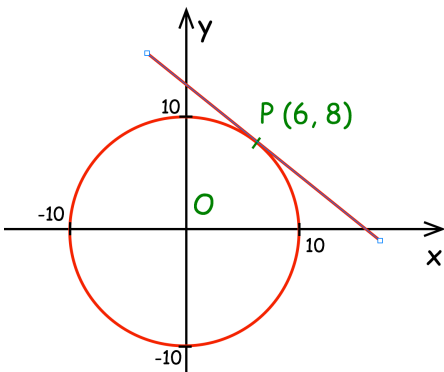
$$f(x) = \frac{4x}{9} - 8$$

Find

$$f^{-1}(-10)$$

Speed
(m/s)

The graph shows the speed of a bicycle between two houses. Calculate the distance between the houses.



Write down the equation of the circle

Here is a circle, centre O, and the tangent to the circle at the point (6, 8).

Find the equation of the tangent at the point P.

Work out

$$27^{-\frac{2}{3}} \div 0.\dot{2}\dot{5}$$