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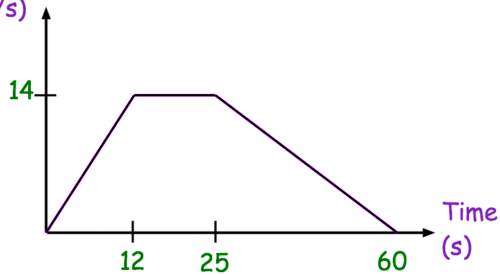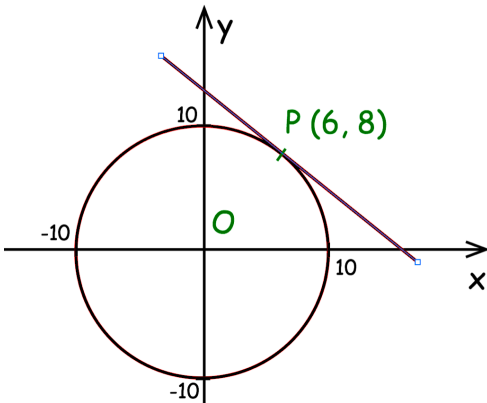
$$f(x) = \frac{4x}{9} - 8$$

Find

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



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



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

Write down the equation of the circle

Find the equation of the tangent at the point P.

Work out

$$27^{-\frac{2}{3}} \div 0.2\dot{5}$$