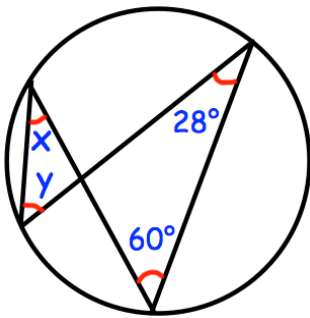


15th June



Corbettmaths

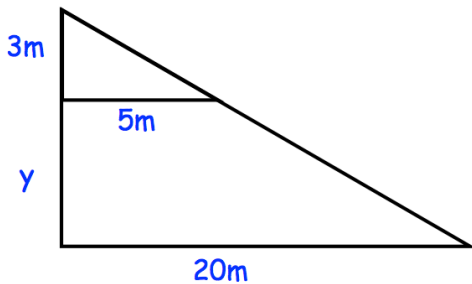


Find x and y

Where does the line  $y = 4x - 8$  cross the y-axis?

Where does the line  $y = 4x - 8$  cross the x-axis?

Show that the line  $y = 3x + 1$  is perpendicular to the line  $x + 3y + 9 = 0$



Find y

The speed of a particle is  $4.2 \times 10^5$  m/s  
How far does it travel in a day?

Give your answer in kilometres and in standard form.