

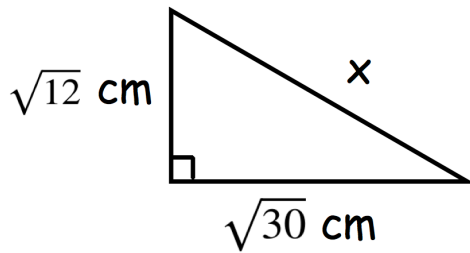


$$6x + 4y = 7y - x$$

Find the ratio $x : y$

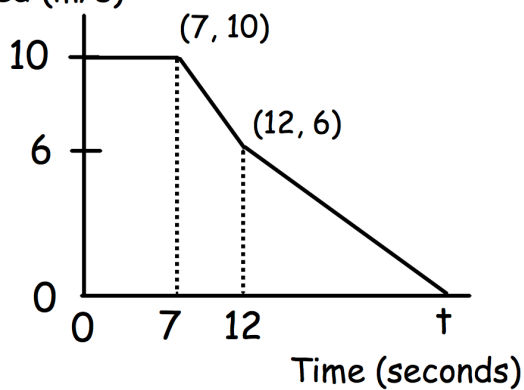
Solve

$$x^2 - 5x + 4 > 0$$



Find x

Speed (m/s)



Find t

The average speed from 0 to t seconds was 5.96m/s

Find the rate of deceleration from 12 to t seconds.