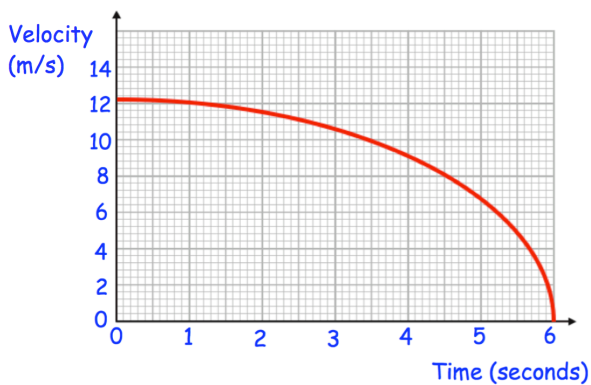


11th August

Corbettmaths



Here is a velocity-time graph for 6 seconds of a journey.

Work out an estimate for the distance travelled over 6 seconds. Use 3 strips of equal width.

Make h the subject of

$$\sqrt{\frac{r+h}{4rh}} = V$$

Find the equation of the line that is perpendicular to $2x + 3y = 4$ and passes through the point $(9, 0)$

Solve

$$8^{4x+1} - 16^{x-1} = 0$$