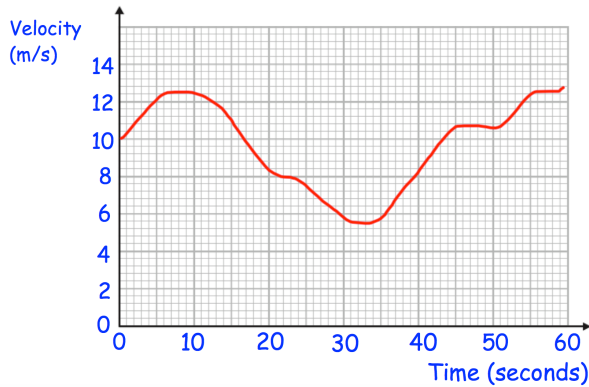


2nd February

Corbettmaths

Rationalise

$$\frac{2}{\sqrt{3}}$$



Here is a velocity time graph for the first 60 seconds of a journey.

Calculate an estimate for the acceleration after 5 seconds

Calculate an estimate for the total distance travelled in the 60 seconds.

Solve the simultaneous equations

$$y = x + 3$$

$$x^2 + y^2 = 29$$

A circle, centre (0, 0) has radius 4.
Write the equation of the circle.