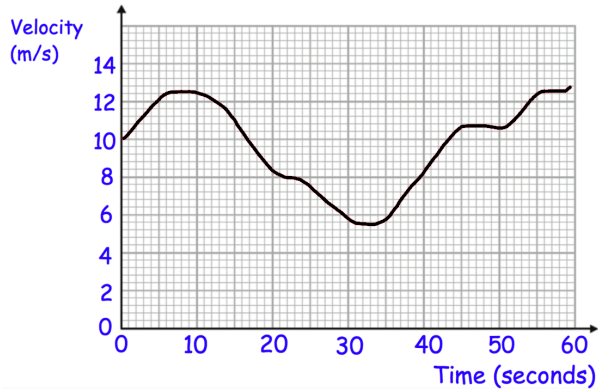




Rationalise the denominator

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



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

$$y = x + 3$$

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

Length, L cm	Frequency
$0 \leq L < 4$	7
$4 \leq L < 8$	10
$8 \leq L < 12$	53
$16 \leq L < 20$	25
$20 \leq L < 24$	5

Work out an estimate of the median length