14 The graph shows the velocity of a car, in metres per second, t seconds after it starts to slow down.
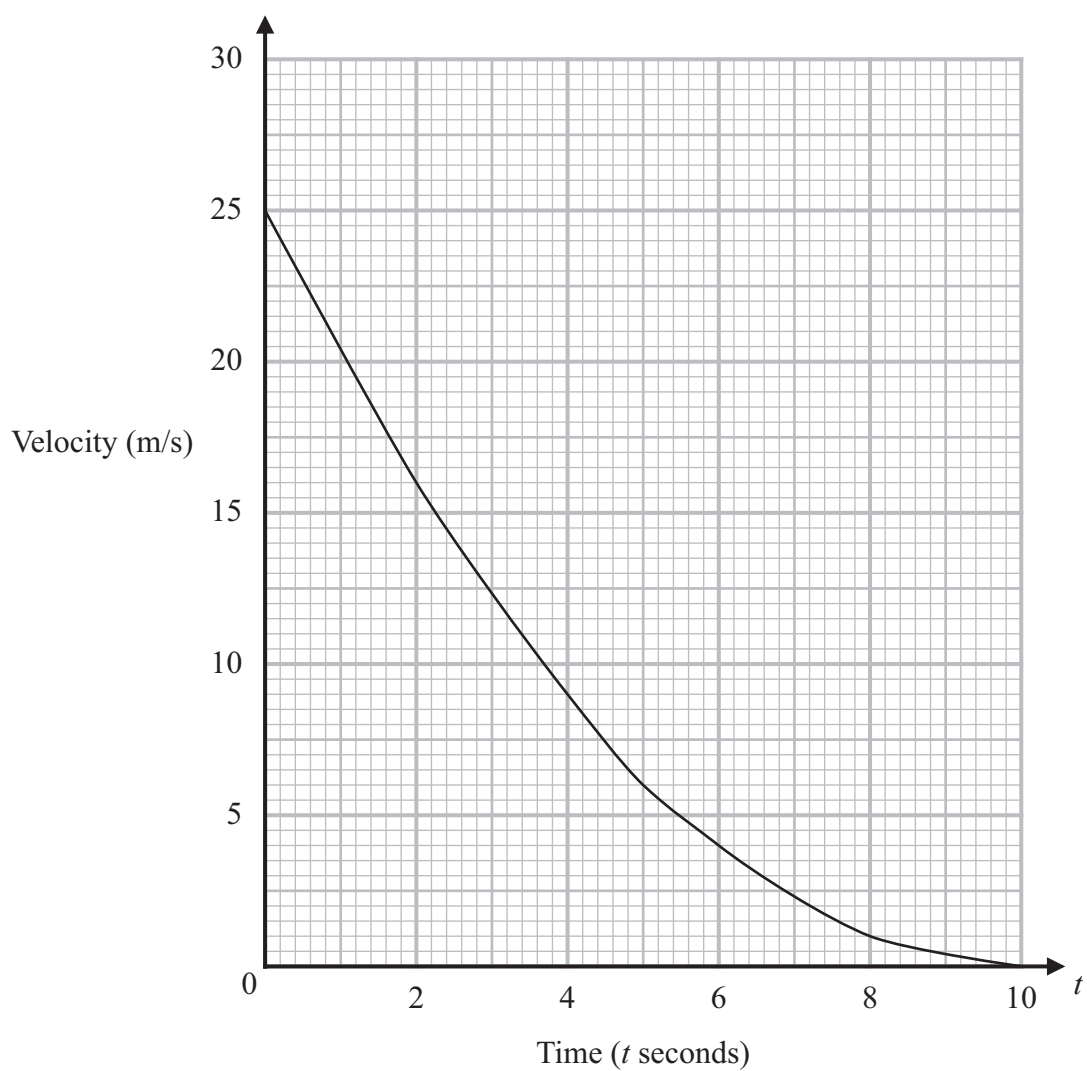

(a) Calculate an estimate for the acceleration of the car when $t = 5$
You must show all your working.

.... m/s^2

(3)

(b) Work out an estimate for the distance the car travels in the first 6 seconds after it starts to slow down.
Use 3 strips of equal width.

.... m

(3)

(Total for Question 14 is 6 marks)