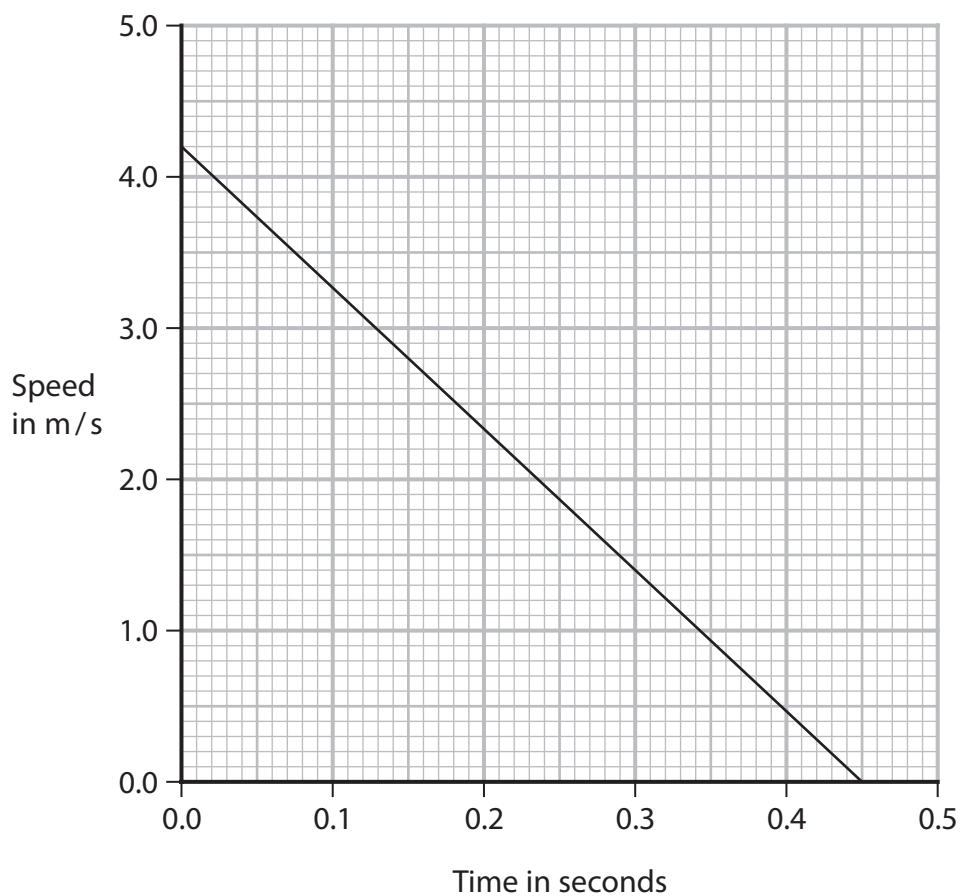


- 6 (a) A person throws an object vertically upwards.

The speed-time graph shows how the speed of the object varies from the time it is thrown until reaching its maximum height.



- (i) Calculate the acceleration of the object.

(3)

acceleration = m/s^2

- (ii) Calculate the distance the object travels to reach its maximum height.

(3)

distance = m



P 7 0 7 0 5 A 0 1 7 3 6