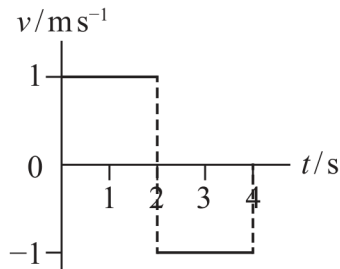
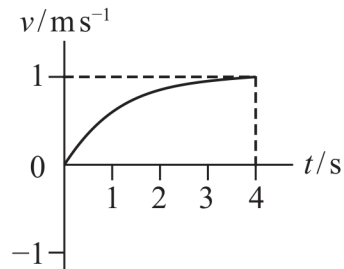


- 5 Two objects P and Q are at the same position at time $t = 0$ s. The graphs show how the velocity v varies with time t for each object.



object P



object Q

Which of the following statements describes the positions of P and Q at $t = 4$ s?

- ☐ A P and Q are both at the initial position.
- ☐ B P and Q are the same distance from the initial position.
- ☐ C P is further from the initial position than Q.
- ☐ D Q is further from the initial position than P.

(Total for Question 5 = 1 mark)