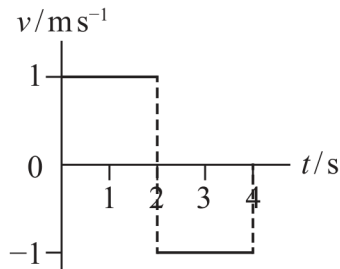
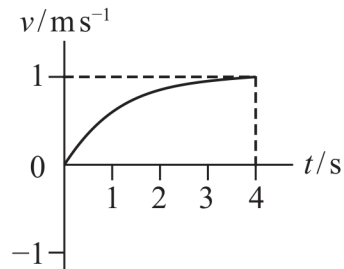


- 5 Two objects P and Q are at the same position at time  $t = 0$  s. The graphs show how the velocity  $v$  varies with time  $t$  for each object.



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)