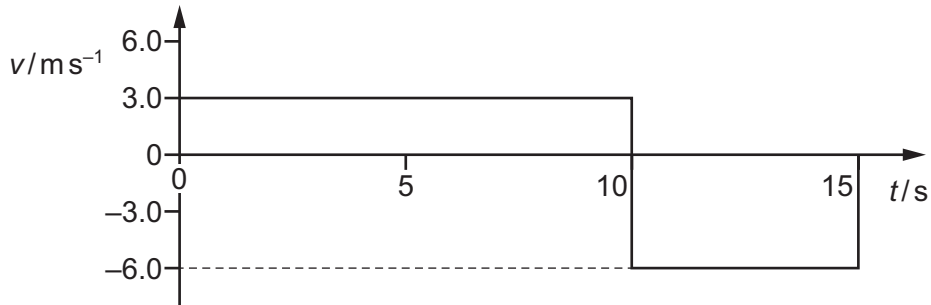


- 6 A radio-controlled toy car travels along a straight line for a time of 15 s.

The variation with time t of the velocity v of the car is shown below.



What is the average velocity of the toy car for the journey shown by the graph?

- A** -1.5 ms^{-1} **B** 0.0 ms^{-1} **C** 4.0 ms^{-1} **D** 4.5 ms^{-1}

- 7 Two train carriages, each of mass 5000 kg, roll toward one another on a level track. One is