

- 4** An object is moving in a straight line. It now accelerates with a constant acceleration of 0.50 m s^{-2} and travels a distance of 600 m while accelerating. The journey while accelerating takes 40 s.

What is the final speed of the object?

- A** 5.0 m s^{-1} **B** 7.5 m s^{-1} **C** 15 m s^{-1} **D** 25 m s^{-1}

