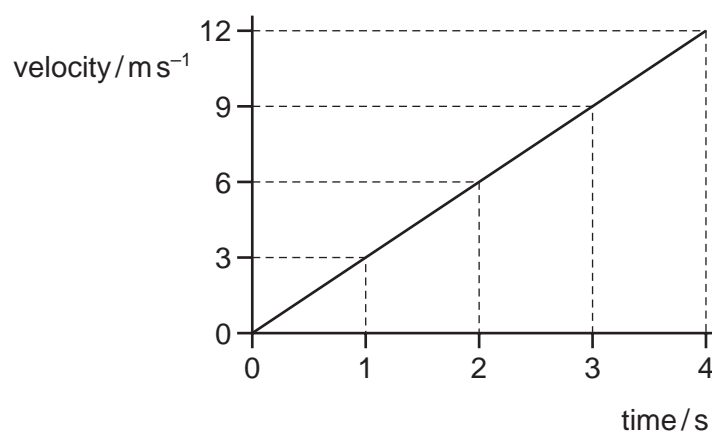


- 7 The diagram shows a velocity-time graph.



What is the displacement during the last 2 seconds of the motion?

- A** 6 m **B** 12 m **C** 18 m **D** 24 m
- 8 Which statement about a ball that strikes a tennis racket and rebounds is **always** correct?
- A** Total kinetic energy of the ball is conserved.
- B** Total kinetic energy of the system is conserved.
- C** Total momentum of the ball is conserved.
- D** Total momentum of the system is conserved.

Space for working