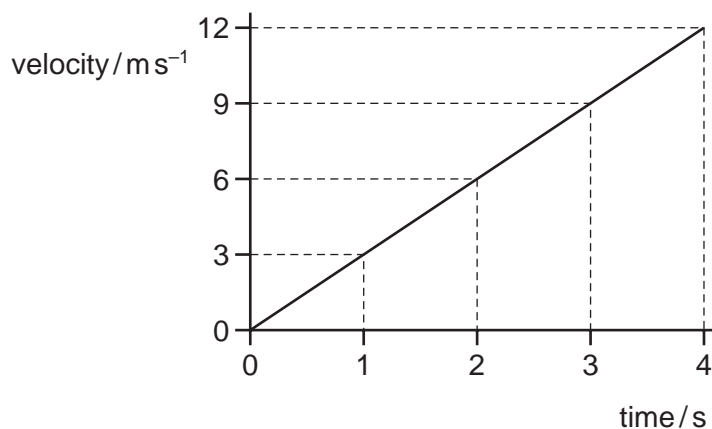**6** The diagram shows a velocity-time graph.

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

A 6 m   **B** 12 m   **C** 18 m   **D** 24 m

7 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