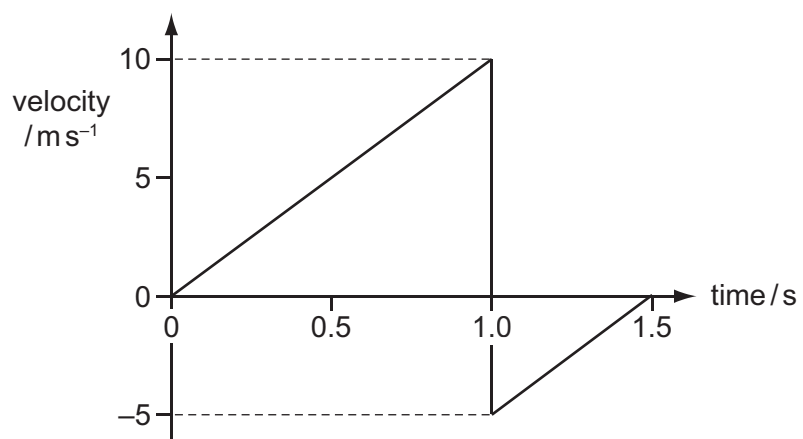


- 7 A ball is released from rest at time zero. After 1.0 s it bounces inelastically from a horizontal surface and rebounds, reaching the top of its first bounce after 1.5 s.



What is the total displacement of the ball from its original position after 1.5 s?

- A** 1.25 m      **B** 3.75 m      **C** 5.00 m      **D** 6.25 m

**Space for working**