

3 A ball is thrown upwards vertically near Earth's surface.

It takes a time of 3.20 s to return to the initial position.

Assume air resistance is negligible.

What is the initial speed with which the ball is thrown?

- A** 3.07 m s^{-1}
- B** 7.85 m s^{-1}
- C** 15.7 m s^{-1}
- D** 31.4 m s^{-1}