

9 A girl throws a ball vertically upwards. It takes a time of 3.20 s to return to her hand.

Assume air resistance is negligible.

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

A 3.07 ms^{-1}

B 7.85 ms^{-1}

C 15.7 ms^{-1}

D 31.4 ms^{-1}