4 At the top of a cliff of height 100 m, a boy threw a rock upwards with velocity of 15 m s^{-1}. How much time later should he drop a second rock from rest so that both rocks will arrive simultaneously at the bottom of the cliff?

A 1.8 s   **B** 2.7 s   **C** 4.5 s   **D** 6.3 s