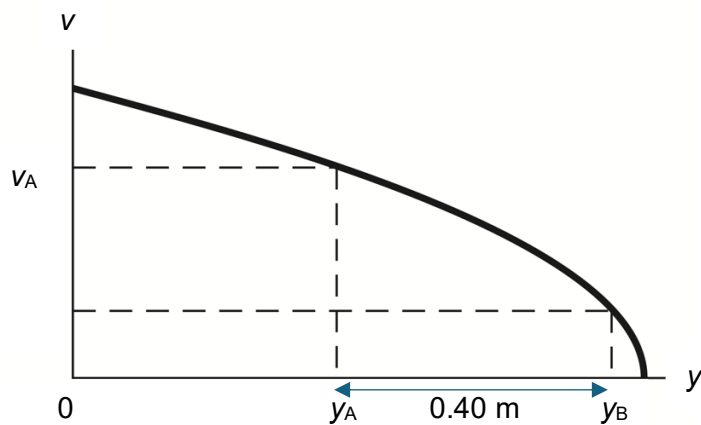


- 3 The figure shows the variation of speed v with displacement y of a ball tossed directly upwards. The distance between y_A and y_B is 0.40 m. The speed at height y_A is v_A and the speed at y_B is $\frac{v_A}{3}$.



What is speed v_A ?

- | | |
|---------------------------------|---------------------------------|
| A 2.6 m s^{-1} | B 2.7 m s^{-1} |
| C 3.0 m s^{-1} | D 8.9 m s^{-1} |