

- 8** A bicycle brakes so that it undergoes uniform deceleration from a speed of 8 m s^{-1} to 6 m s^{-1} over a distance of 7 m .

If the deceleration of the bicycle remains constant, what further distance will it travel before coming to rest?

- A** 7 m **B** 9 m **C** 16 m **D** 21 m

- 9** A ball is released from rest above a horizontal surface. It bounces once and is caught