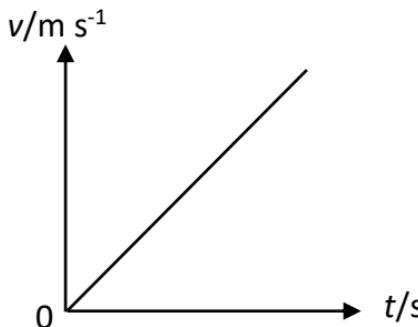
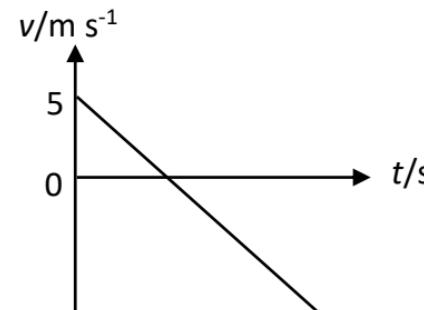


- 5 A hot air balloon is ascending vertically at a velocity of  $5.0 \text{ m s}^{-1}$ . A sandbag is released from the hot air balloon when it is  $10 \text{ m}$  above the ground. Which of the following graphs best shows how the sandbag's velocity will vary with time?

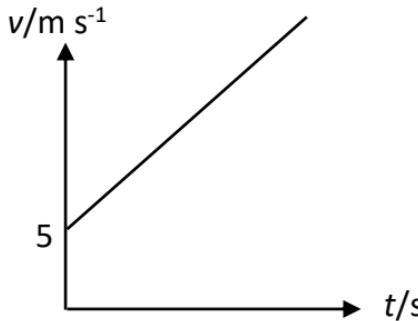
A



C



B



D

