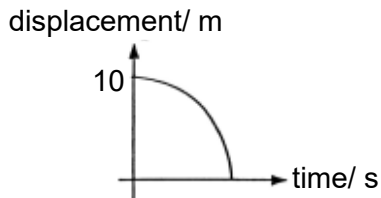
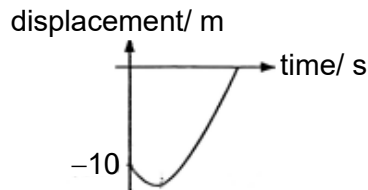


- 2 A sandbag is released from a hot air balloon when it is 10 m above ground and ascending at a velocity of 4.0 m s^{-1} . Which of the following graphs best shows how its displacement will vary with time?

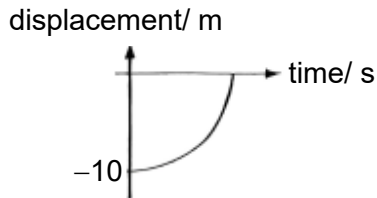
A



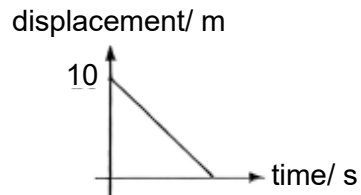
B



C



D



- 3 Two identical frictionless trolleys A and B approach each other along a horizontal straight line, as