

- 4 An object is moving with an initial velocity of 4.0 m s^{-1} to the right. The velocity of the object changes so that its final velocity is 3.0 m s^{-1} downwards, as shown.

initial velocity
 4.0 m s^{-1}

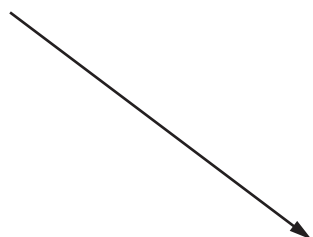


final velocity
 3.0 m s^{-1}

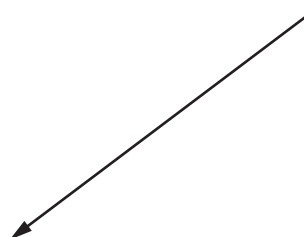


Which arrow represents the change in velocity of the object?

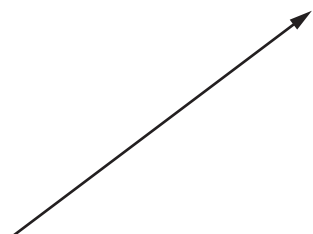
A



B



C



D

