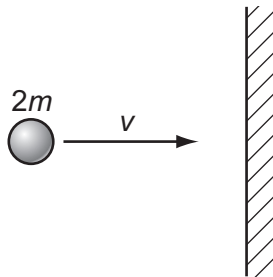


- 9 A particle of mass $2m$ and velocity v strikes a wall.



The particle rebounds along the same path after colliding with the wall. The collision is inelastic.

What is a possible change in the momentum of the ball during the collision?

- A** mv **B** $2mv$ **C** $3mv$ **D** $4mv$

- 10 Which defines the weight of a body?