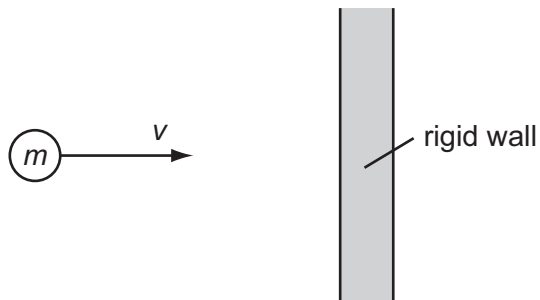


- 11 A particle of mass m strikes a vertical rigid wall perpendicularly from the left with velocity v .



If the collision is perfectly elastic, the total change in momentum of the particle that occurs as a result of the collision is

- A $2mv$ to the right.
- B $2mv$ to the left.
- C mv to the right.
- D mv to the left.