

- 3 A ball of mass m travelling with velocity v strikes a wall at right angles. It bounces off the wall in the opposite direction at the same speed.

Which of the following is the impulse on the wall?

- ☐ A mv
- ☐ B $2mv$
- ☐ C $-mv$
- ☐ D $-2mv$

(Total for Question 3 = 1 mark)