

10 Which statement does **not** describe an elastic collision between two objects?

- A** The relative speed of approach of the two objects equals the relative speed of separation.
- B** The total kinetic energy of the objects is conserved.
- C** The total kinetic energy of the objects is reduced.
- D** The total linear momentum of the objects is conserved.

11 A ball is rolling toward a wall at a speed of 2 m/s.