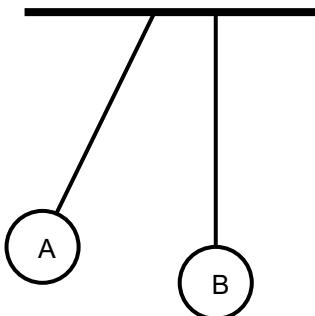


- 4** Two steel bobs A and B are suspended on strings. Bob A is displaced leftwards as shown. After bob A is released, the bobs collide.



Which quantities must be conserved in the collision?

- A** momentum, kinetic energy, and total energy.
- B** kinetic energy and total energy only.
- C** momentum and kinetic energy only.
- D** momentum and total energy only.