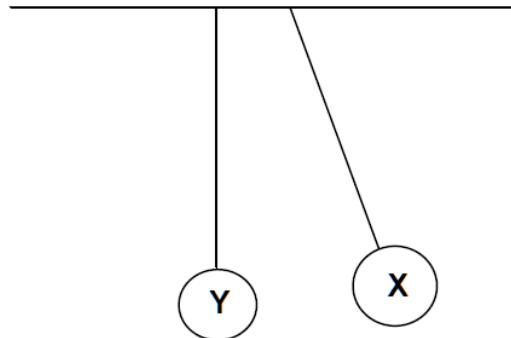


- 5 Two steel balls X and Y are suspended on strings. Ball X is pulled to one side as shown.



After ball X is released, the balls collide.

Which quantities must be conserved in the collision?

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