

7 Before two moving bodies collide, they have kinetic energy and momentum.

Which row correctly states whether the total kinetic energy and the total momentum are conserved or not after the collision?

| | total kinetic energy | total momentum |
|---|----------------------|------------------|
| A | always conserved | always conserved |
| B | always conserved | may change |
| C | may change | always conserved |
| D | may change | may change |