

- 11** Which row states whether total momentum and total kinetic energy are conserved in an inelastic collision in which there are no external forces?

	total momentum	total kinetic energy
A	conserved	conserved
B	conserved	not conserved
C	not conserved	conserved
D	not conserved	not conserved

- 12** A ball is thrown vertically upwards. The ball is launched with an initial speed of 10 m s^{-1} .