

**17** Which quantities are conserved in an inelastic collision?

|          | kinetic energy | total energy  | linear momentum |
|----------|----------------|---------------|-----------------|
| <b>A</b> | conserved      | not conserved | conserved       |
| <b>B</b> | conserved      | not conserved | not conserved   |
| <b>C</b> | not conserved  | conserved     | conserved       |
| <b>D</b> | not conserved  | conserved     | not conserved   |

**18** A steel ball is falling at constant speed in oil.