

**8** A resultant force causes a body to accelerate.

What is equal to the resultant force?

- A** the acceleration of the body per unit mass
- B** the change in kinetic energy of the body per unit time
- C** the change in momentum of the body per unit time
- D** the change in velocity of the body per unit time

**9** A ship of mass  $8.4 \times 10^7 \text{ kg}$  is approaching a harbour with speed  $16.4 \text{ m s}^{-1}$ . By using reverse