

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 m s^{-1} . By using reverse