

2 Which equation contains only scalar quantities?

- A acceleration = $\frac{\text{force}}{\text{mass}}$
- B power = $\frac{\text{work}}{\text{time}}$
- C pressure = $\frac{\text{force}}{\text{area}}$
- D velocity = $\frac{\text{displacement}}{\text{time}}$

3 The time T taken for a satellite to orbit the Earth on a circular path is given by the equation