

**2** Which of the following correctly expresses the volt in terms of SI base units?

**A**  $\text{A}\Omega$

**B**  $\text{W A}^{-1}$

**C**  $\text{kg m}^2 \text{s}^{-1} \text{A}^{-1}$

**D**  $\text{kg m}^2 \text{s}^{-3} \text{A}^{-1}$

**3** What is a reasonable estimate of the average kinetic energy of an athlete during a 100 m race?