

**1** The SI unit for potential difference (the volt) is given, in base units, by

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

**B**  $\text{m}^2 \text{A}^{-1} \text{s}^{-2}$ .

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

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

**2** The product of pressure and volume has the same SI base units as