

**2** Which definition is correct and uses only quantities rather than units?

**A** Density is mass per cubic metre.

**B** Potential difference is energy per unit current.

**C** Pressure is force per unit area.

**D** Speed is distance travelled per second.

**3** A force of  $5.0\text{ N}$  pushes a ball due north and another force of  $3.0\text{ N}$  pushes it due east.