

1 Which quantity can be measured in electronvolts (eV)?

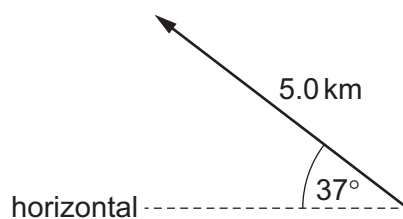
- A electric charge
- B electric potential
- C energy
- D power

2 The unit of specific heat capacity is $\text{J kg}^{-1} \text{K}^{-1}$.

What is its equivalent in terms of SI base units?

- A $\text{kg}^{-1} \text{m}^2 \text{K}^{-1}$ B $\text{ms}^{-1} \text{K}^{-1}$ C $\text{ms}^{-2} \text{K}^{-1}$ D $\text{m}^2 \text{s}^{-2} \text{K}^{-1}$

3 What is the vertical component of this displacement vector?



- A 3.0 km B 3.8 km C 4.0 km D 5.0 km

Space for working