

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

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

2 What is the ratio $\frac{10^{-3} \text{ THz}}{10^3 \text{ kHz}}$?

- A 10^{-9} B 10^{-6} C 10^0 D 10^3

3 The following physical quantities can be either positive or negative.

s : displacement of a particle along a straight line

θ : temperature on the Celsius scale

q : electric charge

V : readings on a digital voltmeter

Which of these quantities are vectors?

- A s, θ, q, V B s, q, V only C θ, V only D s only

Space for working