

1 Which estimate is reasonable?

- A 1×10^{-3} kg for the mass of a grain of sand
- B 1×10^{-2} m³ for the volume of a tennis ball
- C 1×10^0 J for the work done lifting an apple from waist height to head height
- D 1×10^4 W for the power of a light bulb in a house

2 What is the symbol for the SI base unit of temperature?

- A C
- B K
- C °C
- D °K

3 Which statement about systematic errors is **not** correct?

- A A systematic error can be caused by using an incorrectly calibrated instrument.
- B One particular type of systematic error can affect all the measurements by the same amount.
- C The effect of a systematic error can be reduced by repeating and averaging the measurements.
- D Zero error is a type of systematic error.