

- 28** The momentum of an electron is measured to be $6.25 \times 10^{-23} \text{ kg m s}^{-1}$ with a percentage uncertainty of 2.00 %. What is the minimum uncertainty in its position?

A $1.25 \times 10^{-24} \text{ m}$ **B** $8.21 \times 10^{-11} \text{ m}$ **C** $5.30 \times 10^{-10} \text{ m}$ **D** $5.17 \times 10^{-7} \text{ m}$