

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

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