

**28** The uncertainty in the position of an electron is 43 nm. What is the minimum uncertainty in its velocity?

- A**     $7.9 \text{ m s}^{-1}$
- B**     $8.0 \text{ m s}^{-1}$
- C**     $1.7 \times 10^3 \text{ m s}^{-1}$
- D**     $1.7 \times 10^4 \text{ m s}^{-1}$