

**2** A student makes measurements from which he calculates the speed of sound as  $327.66 \text{ m s}^{-1}$ . He estimates that his result is accurate to  $\pm 3\%$ . Which of the following gives his results reduced to the appropriate number of significant figures?

**A**  $300 \text{ m s}^{-1}$

**B**  $320 \text{ m s}^{-1}$

**C**  $328 \text{ m s}^{-1}$

**D**  $330 \text{ m s}^{-1}$