

5 A student makes measurements from which she calculates the speed of sound as  $327.66\text{ m s}^{-1}$ . She estimates that her result is accurate to  $\pm 3\%$ .

Which of the following gives her result expressed to the appropriate number of significant figures?

- A**  $327.7\text{ m s}^{-1}$
- B**  $328\text{ m s}^{-1}$
- C**  $330\text{ m s}^{-1}$
- D**  $300\text{ m s}^{-1}$