

1 A student carries out an experiment to determine the speed of sound in air.

His measurements give the speed as  $347.785\text{ ms}^{-1}$  with an uncertainty of  $\pm 2.56\text{ ms}^{-1}$ .

What is the correct statement of the result of the experiment?

- A  $(347.78 \pm 2.56)\text{ ms}^{-1}$
- B  $(347.7 \pm 2.6)\text{ ms}^{-1}$
- C  $(348 \pm 3)\text{ ms}^{-1}$
- D  $(350 \pm 3)\text{ ms}^{-1}$