

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

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

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

A $(347.78 \pm 2.56) \text{ m s}^{-1}$

B $(347.7 \pm 2.6) \text{ m s}^{-1}$

C $(348 \pm 3) \text{ m s}^{-1}$

D $(350 \pm 3) \text{ m s}^{-1}$