

4 Which experimental technique reduces the systematic error of the quantity being investigated?

- A** adjusting an ammeter to remove its zero error before measuring a current
- B** measuring several internodal distances on a standing wave to find the mean internodal distance
- C** measuring the diameter of a wire repeatedly and calculating the average
- D** timing a large number of oscillations to find a period

E A student makes measurements from which she calculates the speed of sound as 327.66 m s^{-1} .