

1 An instrument gives a numerical reading of 0.00160 ± 0.00005 .

Which statement is correct?

- A The actual uncertainty is 5.
- B The fractional uncertainty is 5×10^{-5} .
- C The fractional uncertainty is $\frac{5}{16}$.
- D The percentage uncertainty is 3%.

2 What is the order of magnitude of the energy of an electron when it hits the screen of a television set?