

2 Errors in measurement may be either systematic or random.

Which of the following involves random error?

- A** Not allowing for zero error on an analog voltmeter
- B** Not subtracting background count rate when determining the count rate from a radioactive source
- C** Stopping a stopwatch at the end of a race
- D** Using the value of g as 10 N kg^{-1} when calculating weight from mass