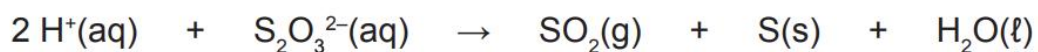


Some chemistry students were investigating the relationship between concentration and rate of reaction. In the investigation, different concentrations of hydrochloric acid were added to a sodium thiosulfate solution to produce solid sulfur. This reaction was represented by the following equation.



A piece of paper with a cross drawn on it was placed under the reaction vessel. The time taken for the cross to disappear due to the formation of the precipitate was measured.

24. When a number of laboratory groups pooled their data, one group's results were consistently higher than those of the others. This is an example of
- (a) a systematic error.
  - (b) not enough trials.
  - (c) a random error.
  - (d) uncertainty.