

#76897 Chemistry, Other

Write a procedure that you would follow to demonstrate the effect of increasingly higher concentrations of hydrochloric acid on its rate of reaction with antacid tablets.

Answer:

In order to conduct this experiment, we can prepare 3 to 5 test tubes of acid with increasing concentrations.

While adding antacid tablets to each of those tubes, we will note the time taken for the tablet to dissolve and stop producing bubbles.

Hypothetical conclusion will be: the lesser the time taken, the greater the rate of reaction.

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