

# Reaction Mechanisms from Kinetic Data

Pre-lesson assignment- textbook page 287-288

## Define the following key terms

- Reaction Mechanism
- Rate determining Step
- Intermediate

## Make notes on the rate determining step

*Use the following questions as guidance*

1. Explain what is meant by a multi-step reaction and why reactions do not often take place in one step.
2. How do overall order and rate equation help us determine what happens in the rate determining step?
3. Use the example of hydrolysis of tertiary haloalkanes to illustrate how this data can be used.

***Now do the summary questions on pages 276, 281, 286, 288 and 291 before the test.***