

Nucleophilic Addition

Pre-lesson assignment – Textbook page 456-458

Define the following terms

- Addition reaction

Now watch the video tutorial on Nucleophilic Addition

Make notes on Nucleophilic Addition

Use the following questions as guidance

1. Draw a mechanism for the reduction of an aldehyde. Explain what is happening in each step.
2. Draw a mechanism for the addition of a carbon atom to an aldehyde
3. List the reagents and conditions required
 - a. For 1)
 - b. For 2)
 - c. To oxidise an aldehyde to a carboxylic acid