

# Reactions of Alcohols 3

Pre-lesson assignment – Textbook page 228 and page 186

## Define the following terms

- Dehydration
- Elimination

## Make notes on the reactions of alcohols

*Use the following questions as guidance*

1. State the reagents and conditions for the dehydration of an alcohol.
2. Write an equation for the dehydration of...
  - a. Butan-1-ol
  - b. Propan-2-ol
  - c. Pentan-3-ol
3. Show all the possible products of the dehydration of 2-methylbutan-2-ol. What kind of isomerism can be produced here?
4. State the reagents and conditions required to substitute an alcohol group with a halogen.
5. Write an equation for the substitution of butan-2-ol.

## Summary Questions

You should now be able to complete and mark the summary questions on pages 225 and 228 in time for the date of the next test.