

Reactions of Alcohols 3

Pre-lesson assignment – Textbook page 222 and page 180

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 219 and 222 in time for the date of the next test.