

16 Alcohols – Part 1 —Answers

Answers

Work through these after trying the questions yourself.

16.1 The hydroxyl group, -OH .

16.2 How many carbon atoms are joined to the carbon that holds the -OH (one, two or three).

16.3 Hydrogen and a sodium alkoxide.

16.4 An alkene (and water).

16.5 An ester.

16.6 Carbon dioxide and water.

16.7 Propan-1-ol has its -OH on an *end* carbon, which is joined to only *one* other carbon, so it is primary. Propan-2-ol has its -OH on the *middle* carbon, joined to *two* other carbons, so it is secondary.