

Year 12 Chemistry
Quick Quiz: Organic Chemistry

1. Write the structural formula for:
 - (a) 2-methyl butan-1-ol

 - (b) hexan-2-ol

2. For each of the compounds in question 1, state whether the hydroxyl group is primary, secondary or tertiary.
 - (a)

 - (b)

3. For each of the compounds in question 1, name the organic product that would be formed by oxidation.
 - (a)

 - (b)

4. For each of the following, state (i) what would be observed, and (ii) the inorganic product.
 - (a) ethanal with acidified dichromate
 - (i)

 - (ii)

 - (b) propanal with ammoniacal silver nitrate (Tollens' reagent)
 - (i)

 - (ii)