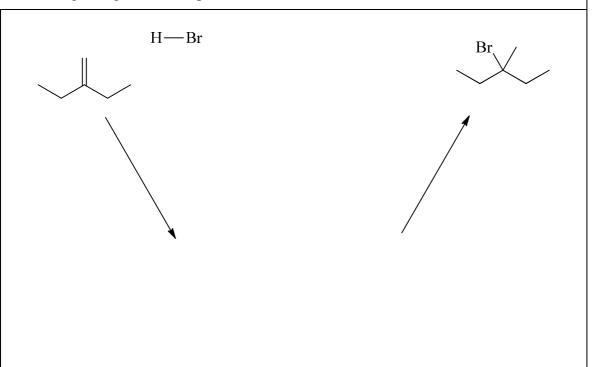
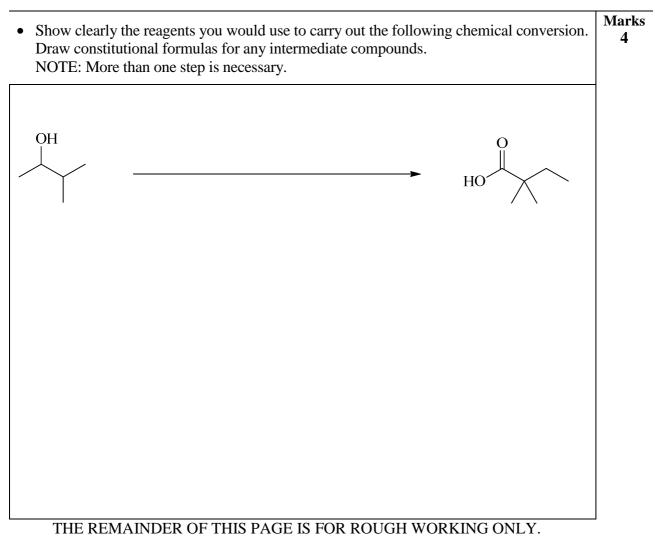


Marks

4

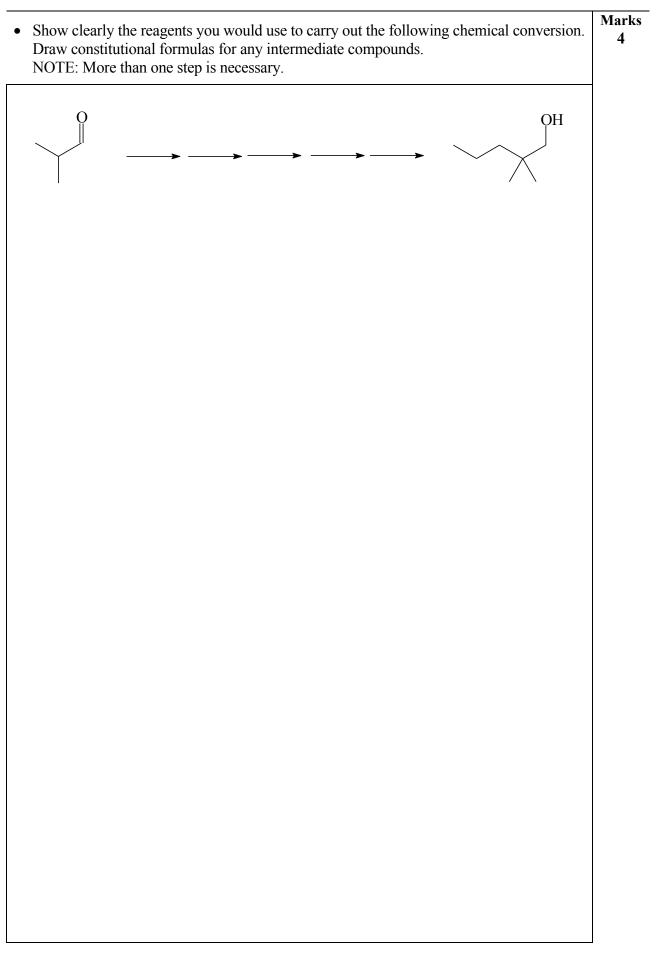
• Complete the two-step mechanism for the reaction given below. Draw partial charges, curly arrows and intermediate structures as appropriate to illustrate the bonding changes that take place.



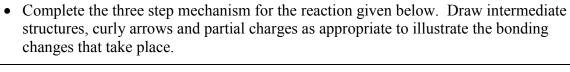


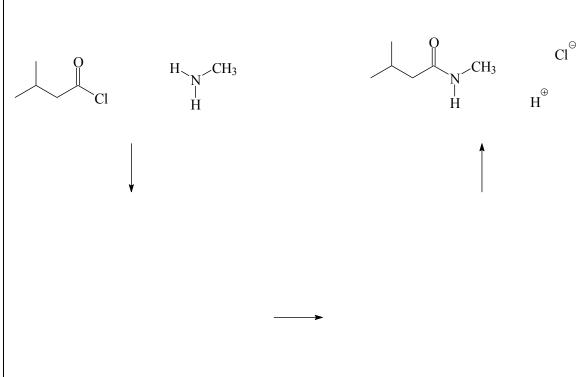
Show clearly the reagents you would use to carry out the following chemical conversion. Draw constitutional formulas for any intermediate compounds. NOTE: More than one step is necessary.

• Complete the two step mechanism for the reaction given below. Draw intermediate structures, curly arrows and partial charges as appropriate to illustrate the bonding changes that take place. H-Br H-Br H-Br H-Br



4





Marks Draw the repeating unit of the polymer formed in the following reactions. • 2 0 O CH₃O OCH₃ H₂N NH₂ HO-Cl 4 • Show clearly the reagents you would use to carry out the following chemical conversion. Draw constitutional formulas for any intermediate compounds. NOTE: More than one step is necessary. ЮH 0 0