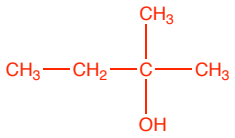
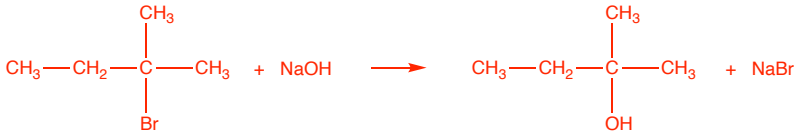
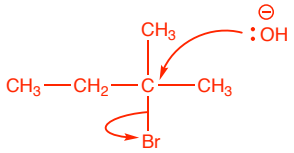
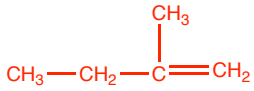
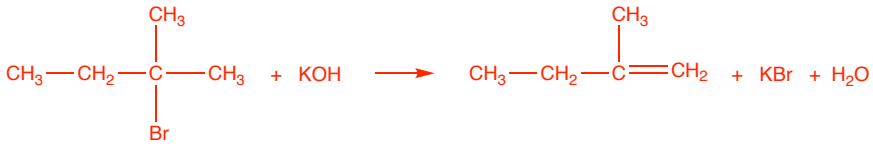
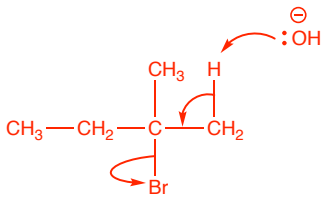
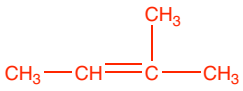
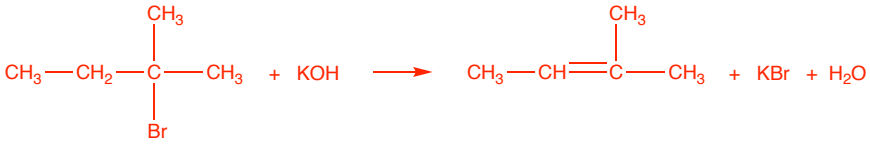
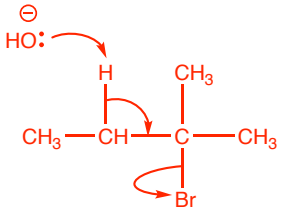
COMPETING REACTIONS WITH OH^-

ALCOHOL	
Structure of alcohol	
Name of alcohol	**2-methylbutan-2-ol**
Balanced equation	
Name of mechanism	**nucleophilic substitution**
Outline of mechanism	
Role of OH^- ion	**nucleophile**
Reagent and conditions to favour this reaction	**warm, aqueous NaOH**

ALKENE 1	
Structure of alkene	
Name of alkene	**2-methylbut-1-ene**
Balanced equation	
Name of mechanism	**elimination**
Outline of mechanism	
Role of OH^- ion	**base**
Reagent and conditions to favour this reaction	**hot, ethanolic KOH**

ALKENE 2	
Structure of alkene	
Name of alkene	**2-methylbut-2-ene**
Balanced equation	
Name of mechanism	**elimination**
Outline of mechanism	
Role of OH^- ion	**base**
Reagent and conditions to favour this reaction	**hot, ethanolic KOH**