COMPETING REACTIONS WITH OH^-

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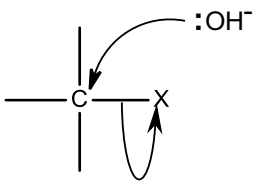
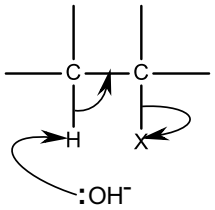
Mechanism name	Nucleophilic substitution	Elimination
Solvent	Water	Ethanol
Temperature	Warm	Hot
Reagent	NaOH	KOH (more soluble than NaOH)
Role of OH^-	Nucleophile	Base
Products	Alcohol	Alkene(s)
Outline of mechanism		

2-bromo-2-methylbutane reacts with hydroxide ions to form an alcohol and two alkenes.

ALCOHOL	
Structure of alcohol	
Name of alcohol	
Balanced equation	
Name of mechanism	
Outline of mechanism	
Role of OH^- ion	
Reagent and conditions to favour this reaction	

ALKENE 1	
Structure of alkene	
Name of alkene	
Balanced equation	
Name of mechanism	
Outline of mechanism	
Role of OH^- ion	
Reagent and conditions to favour this reaction	

ALKENE 2	
Structure of alkene	
Name of alkene	
Balanced equation	
Name of mechanism	
Outline of mechanism	
Role of OH^- ion	
Reagent and conditions to favour this reaction	