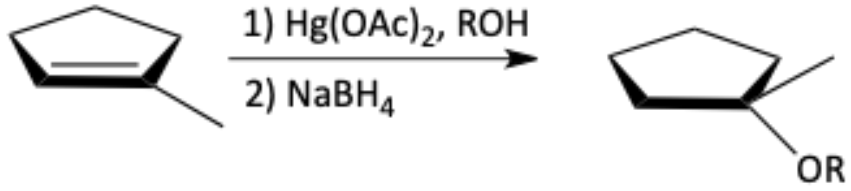
Ether, Epoxide, Sulfide Reaction Review: Answer Key

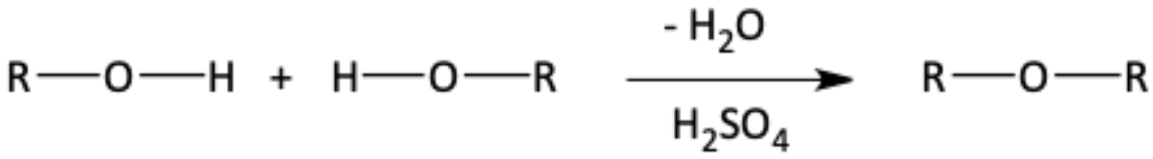
All reactions, complete.

Name: _____ Date: _____

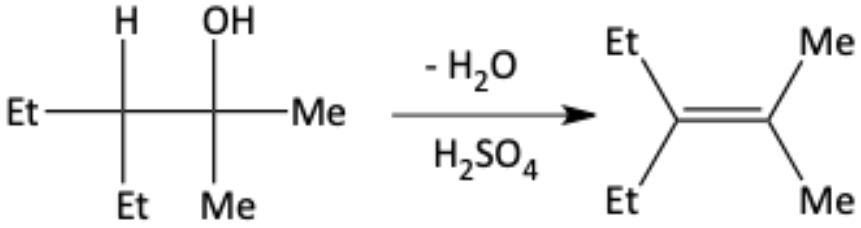
Alkoxymercuration and Demercuration



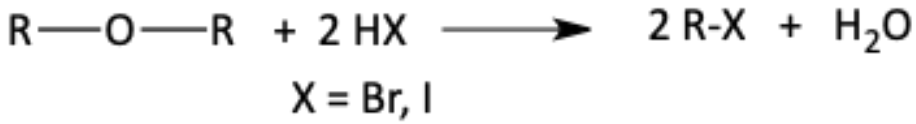
Dehydration to form ether



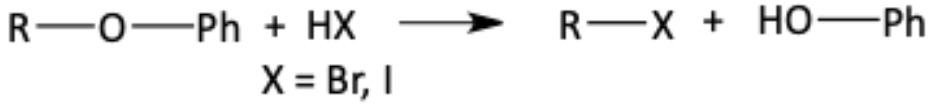
Dehydration to form an alkene



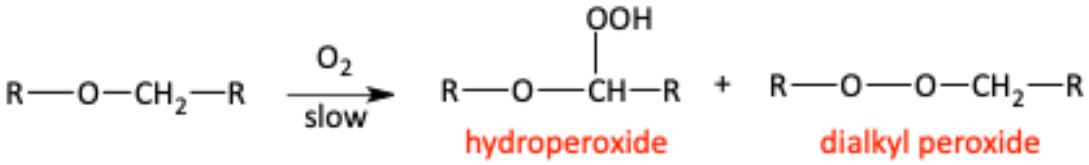
Ether cleavage with HBr or HI



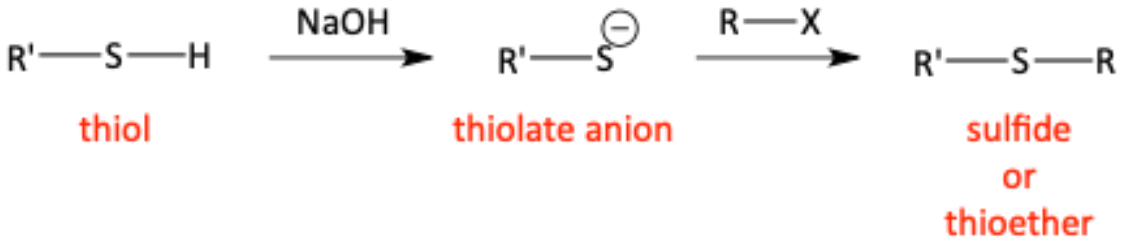
Ether cleavage of phenyl ethers with HBr or HI



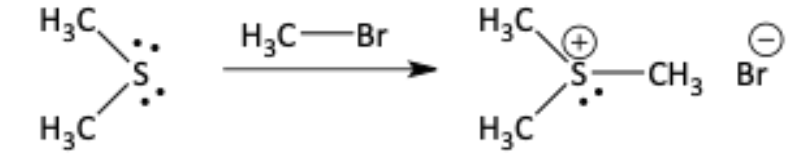
Autooxidation



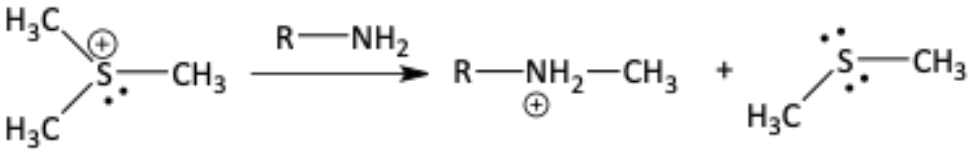
Sulfide synthesis from thiols



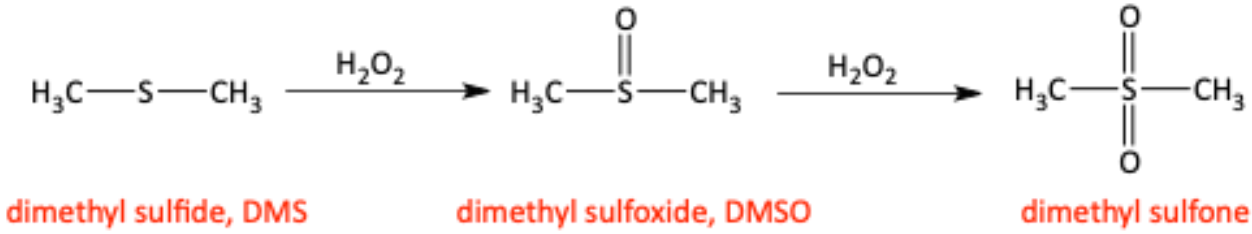
Sulfide with alkyl halide



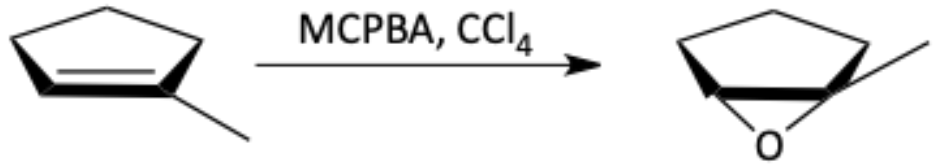
Sulfonium reacting with nucleophiles



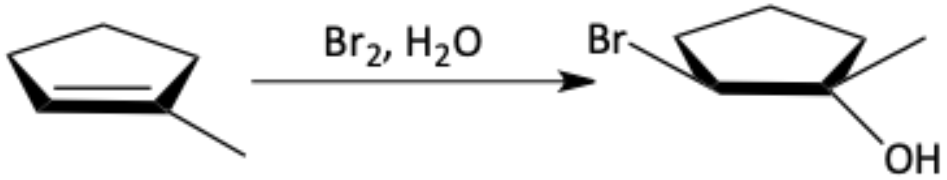
Sulfide oxidation



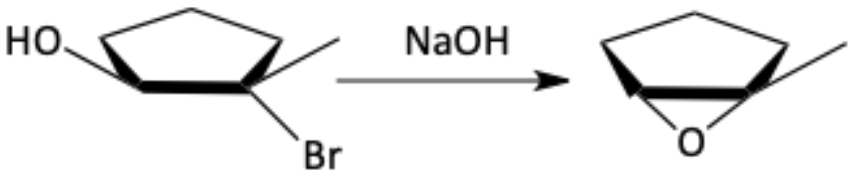
Epoxide synthesis



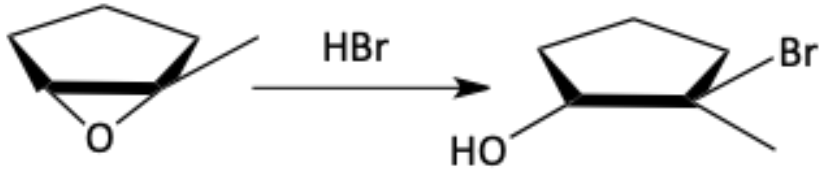
Halohydrin formation



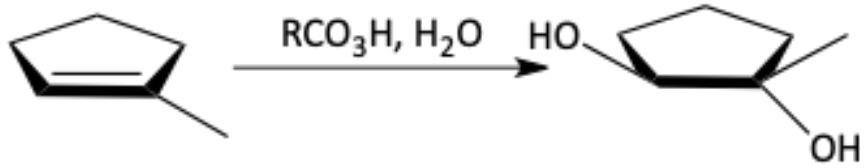
Halohydrin formation of epoxide



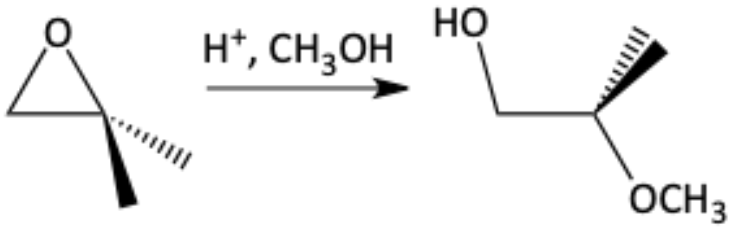
Epoxide reaction with HX



Formation of epoxide in acid and water



Epoxide reaction in acid and alcohol



Epoxide reaction with Grignard reagent

