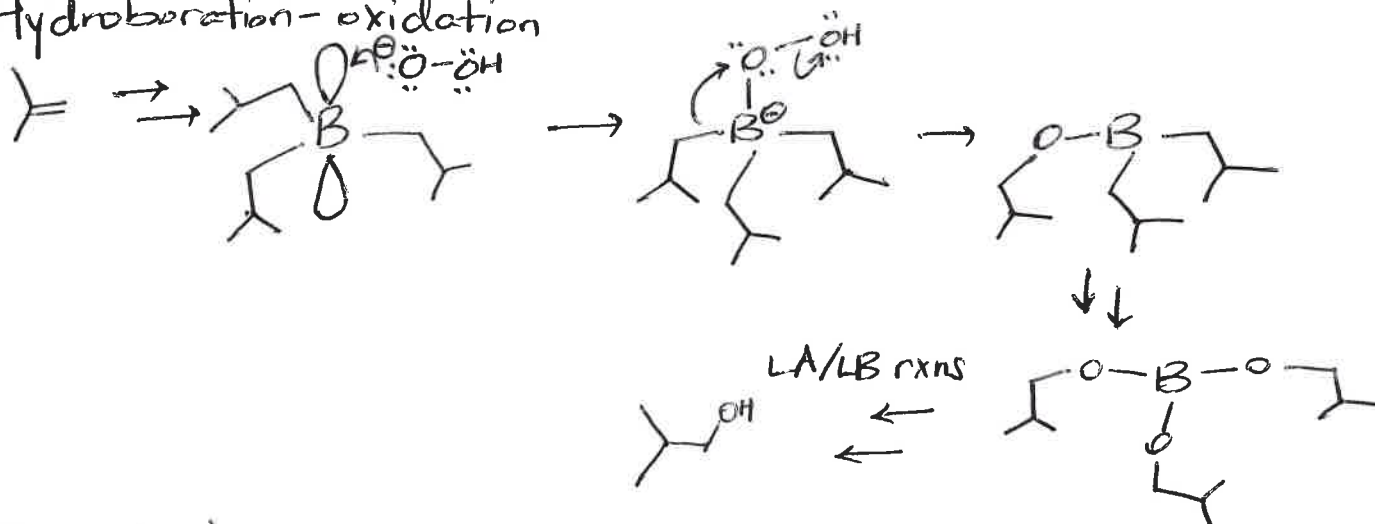
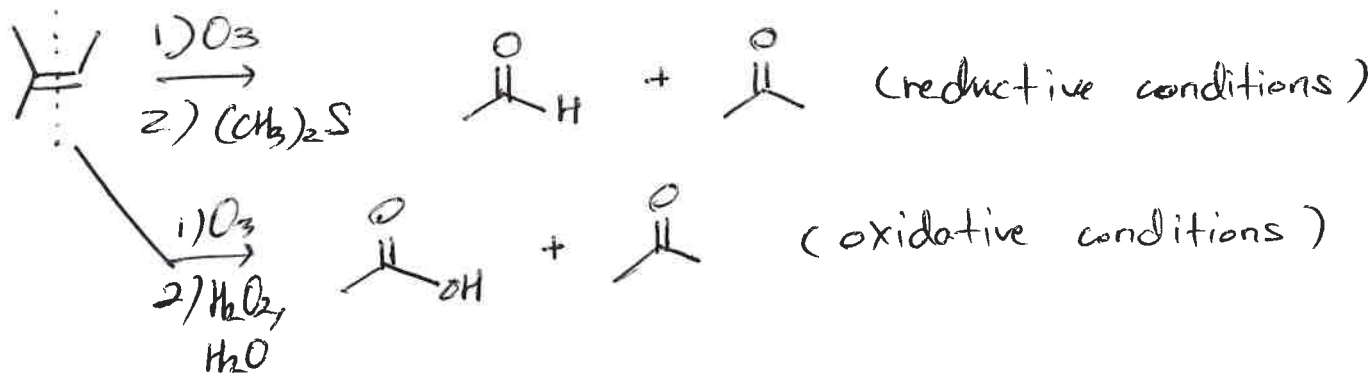


Submit a *Single-sided Copy* to the Undergraduate Office
NO NOT STAPLE - ONLY WRITE NOTES INSIDE THE SQUARE BELOW

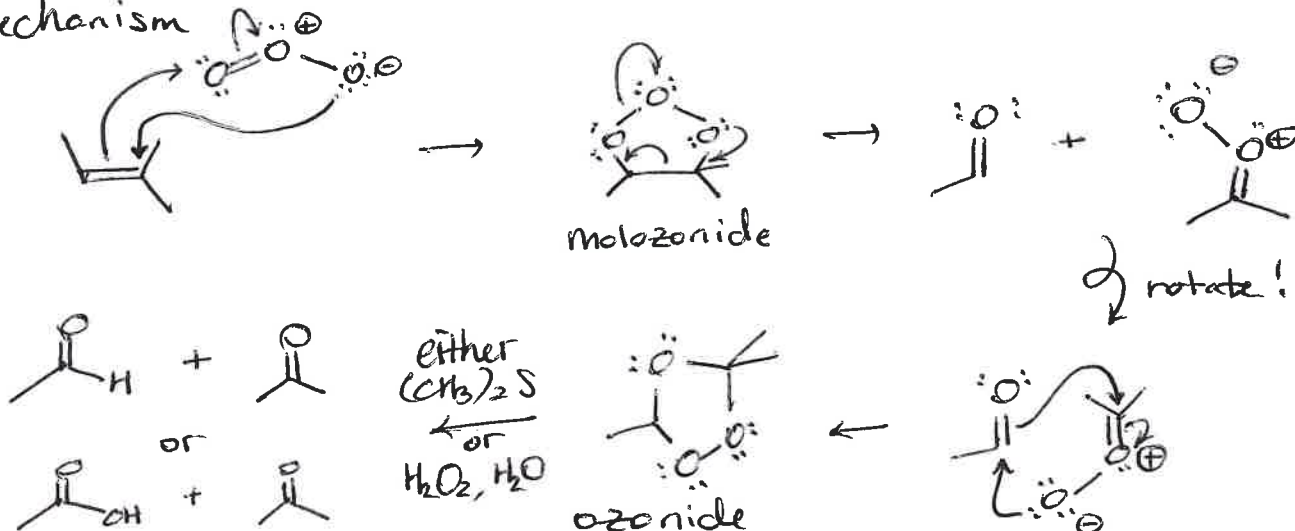
Hydroboration-oxidation



Ozonolysis



Mechanism



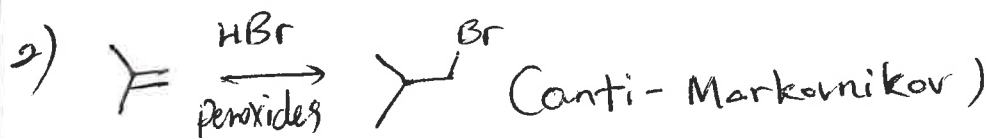
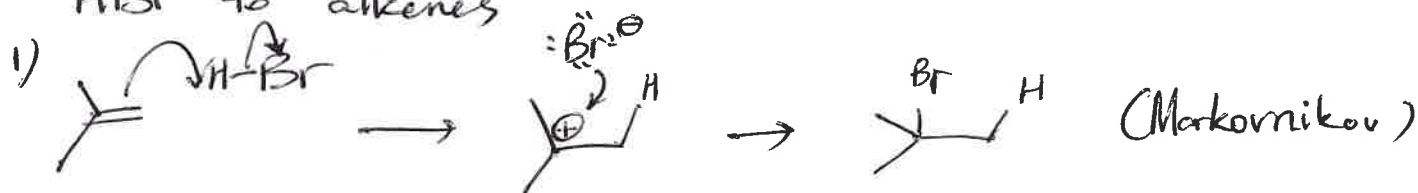
Course _____ Lecturer _____

Day _____ Date _____

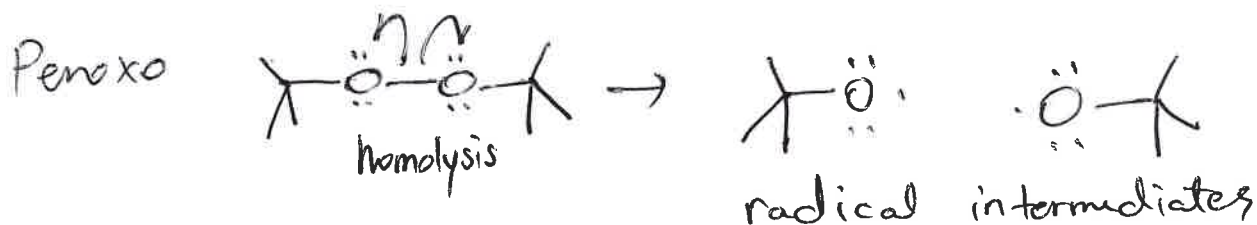
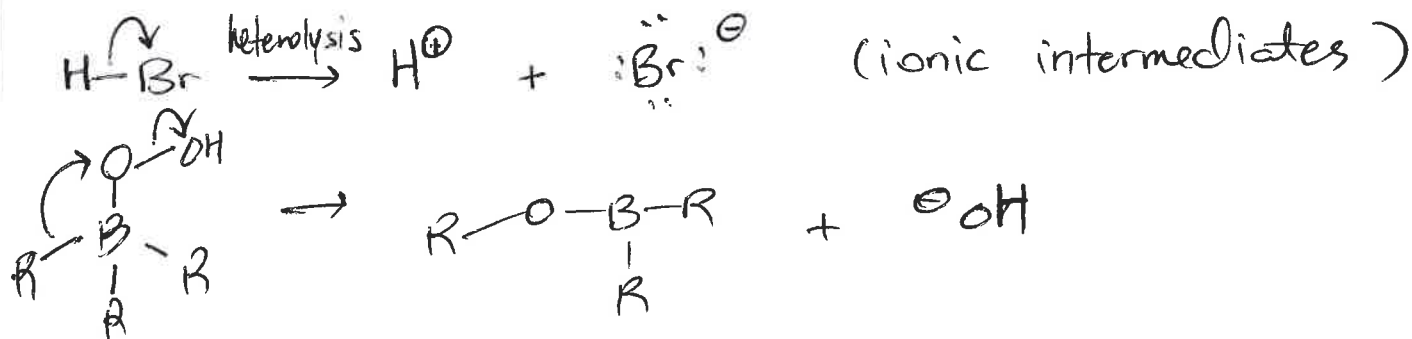
Notes Taken By _____ Total # of Pages _____

Submit a *Single-sided Copy* to the Undergraduate Office
NO NOT STAPLE - ONLY WRITE NOTES INSIDE THE SQUARE BELOW

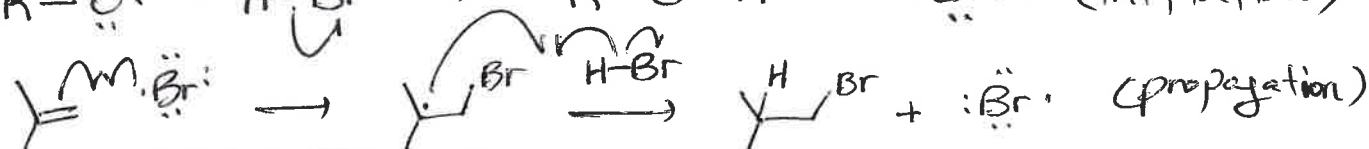
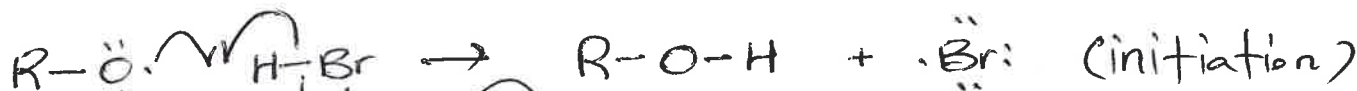
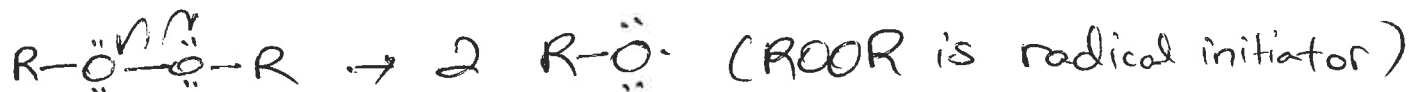
Markovnikov vs. anti-Markovnikov add'n of
HBr to alkenes



Aside



Mech of 2) (above)



Course _____ Lecturer _____
Day _____ Date _____
Notes Taken By _____ Total # of Pages _____

Submit a *Single-sided Copy* to the Undergraduate Office
NO NOT STAPLE - ONLY WRITE NOTES INSIDE THE SQUARE BELOW

Rationale for regioselectivity

1) Radicals follow same trends as carbocations



2) Steric component

Ch. 6 Stereochemistry

Problems: 1, 3-7, 8b, 9, 11a, 13-21, 24-40,
45-49 (ignore "sawhorse" projections)

constitutional
isomers

vs

stereoisomers



Same molecular
formula but
different connectivity



connectivity the same
but different spatial arrangement
(2 types: enantiomers and
diastereomers)