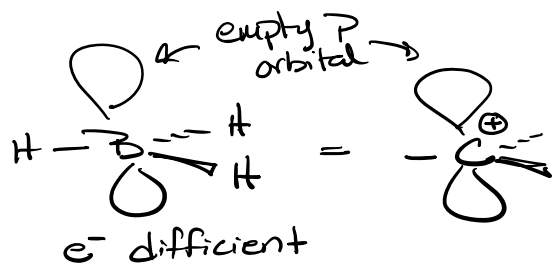
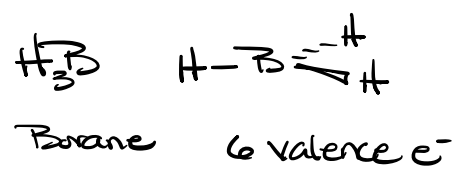
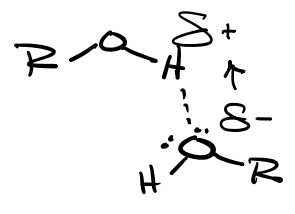
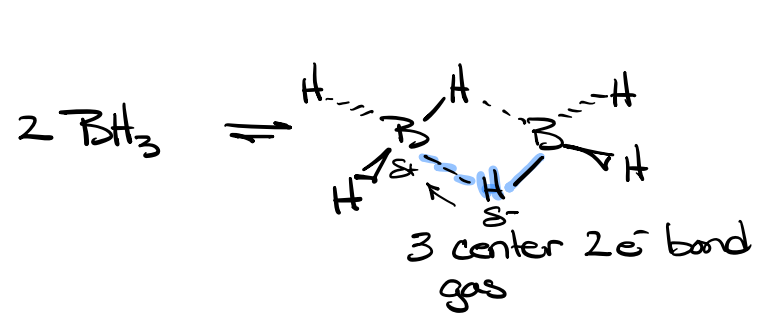
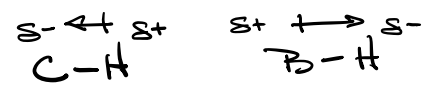
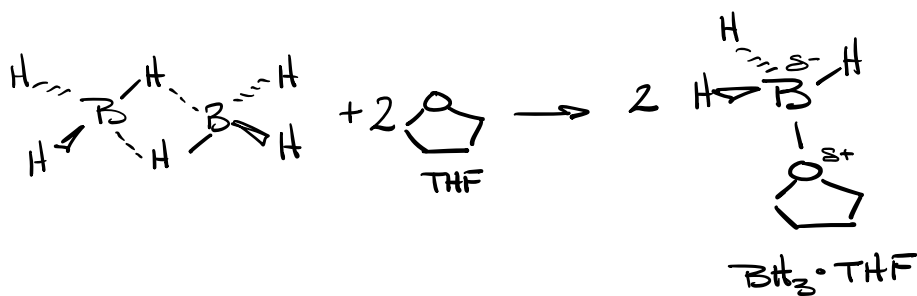


Diborane $\cdot\text{B}\cdot$

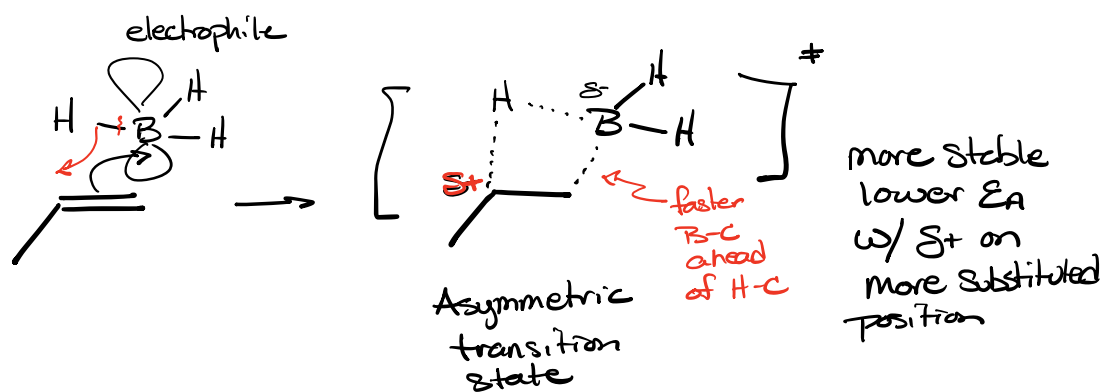


	B	C	H
EN	2.0	2.5	2.2

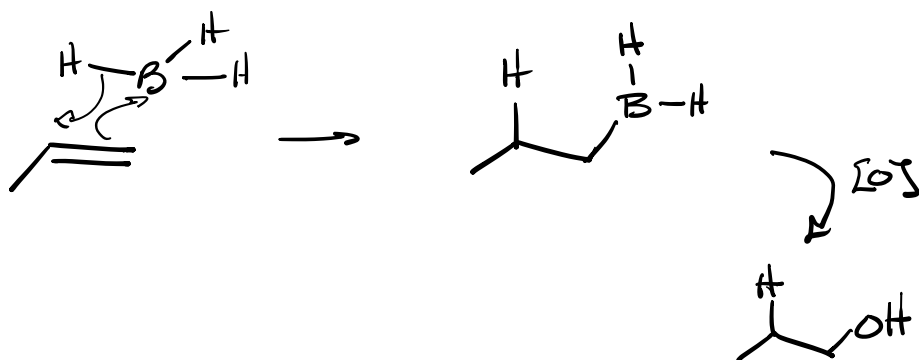
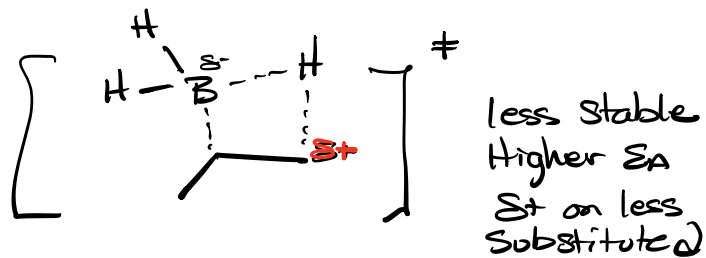




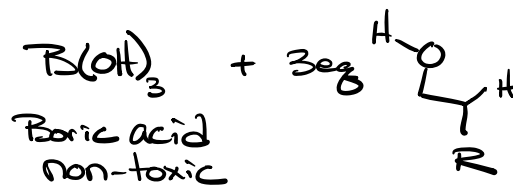
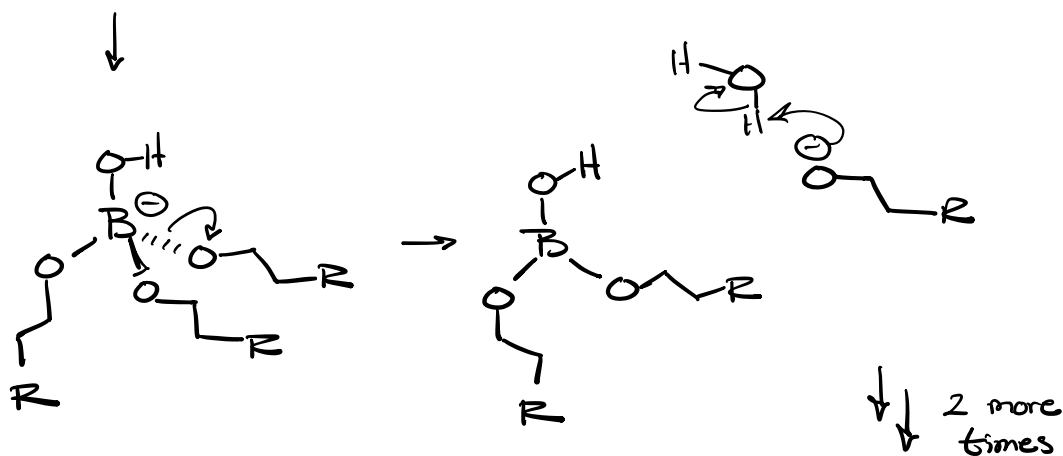
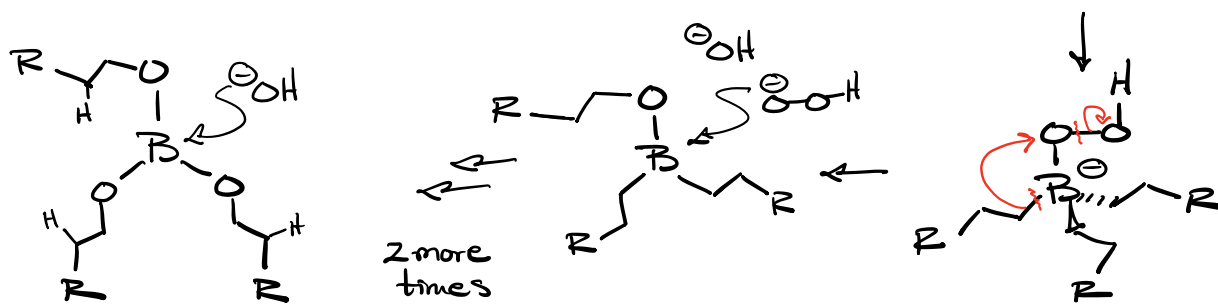
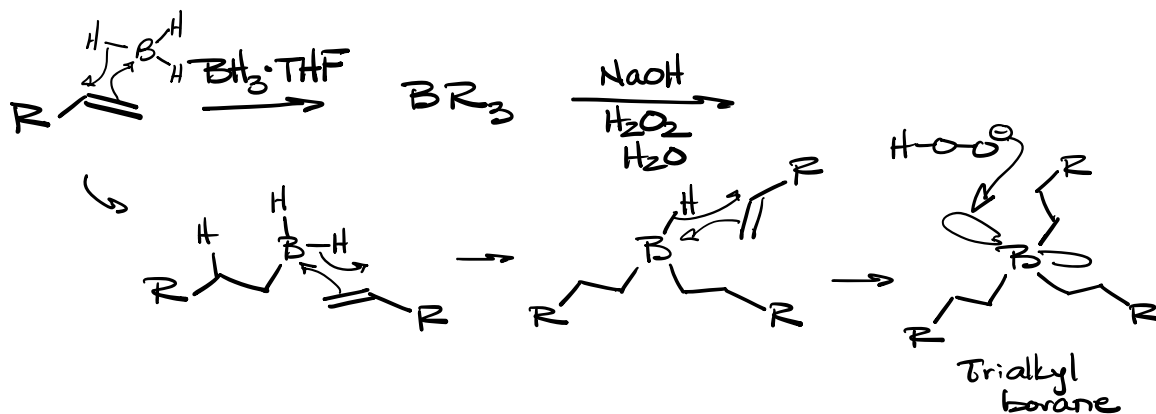
Hydroboration

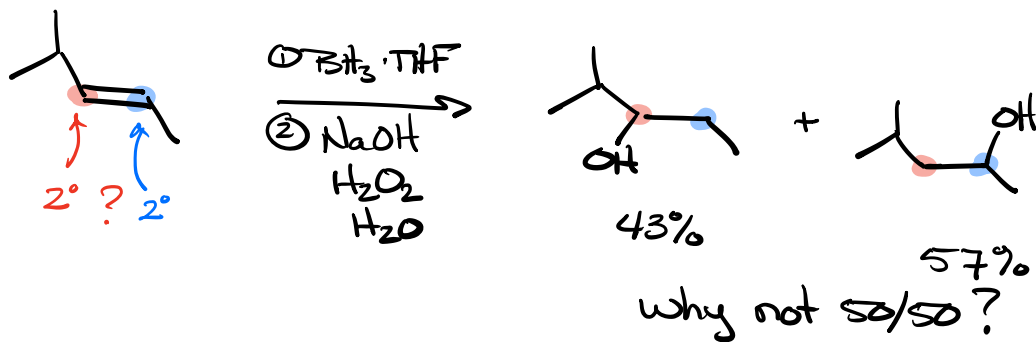
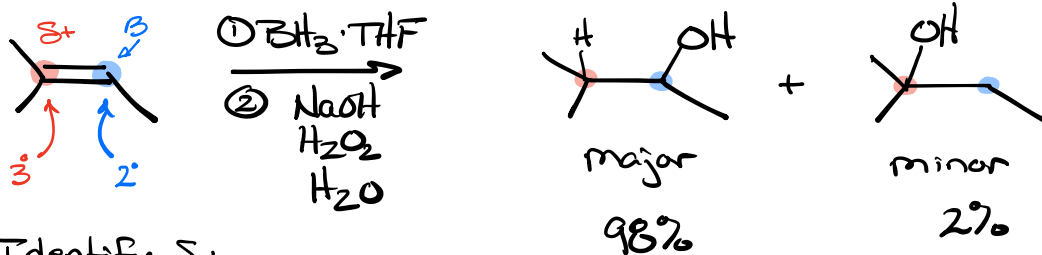
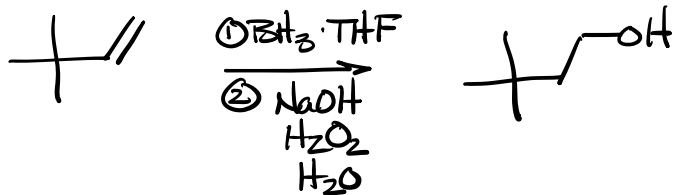
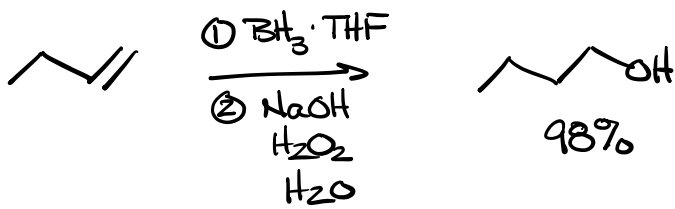


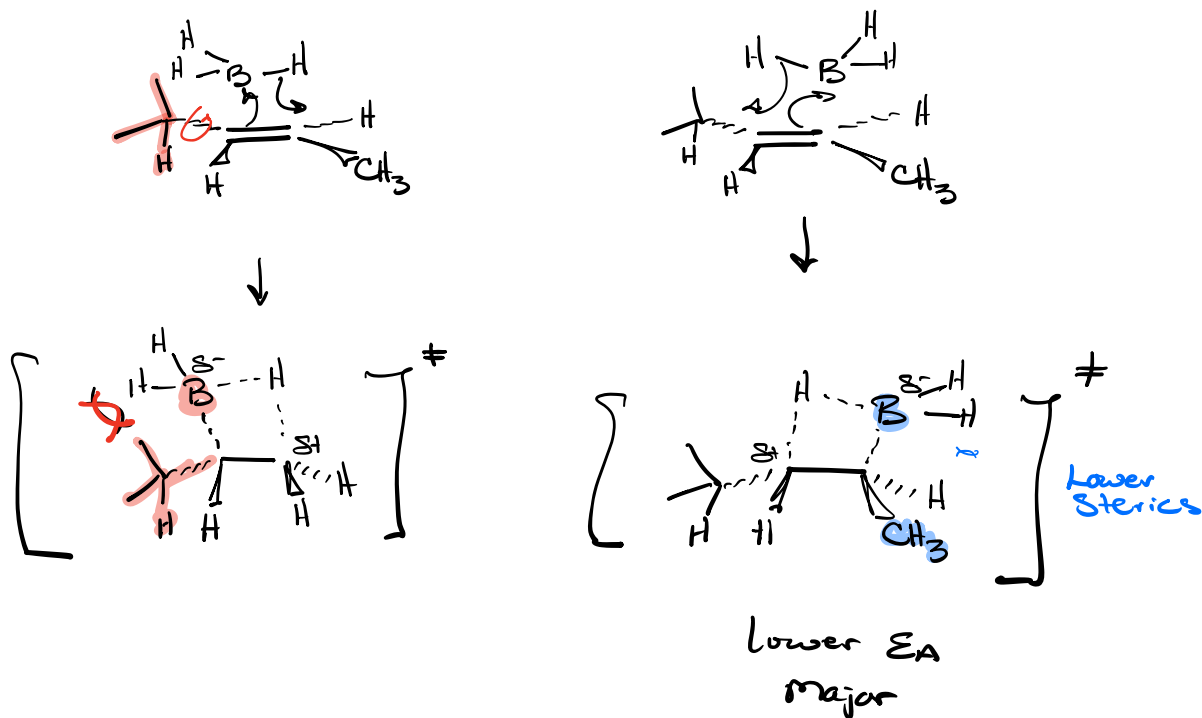
Alternative



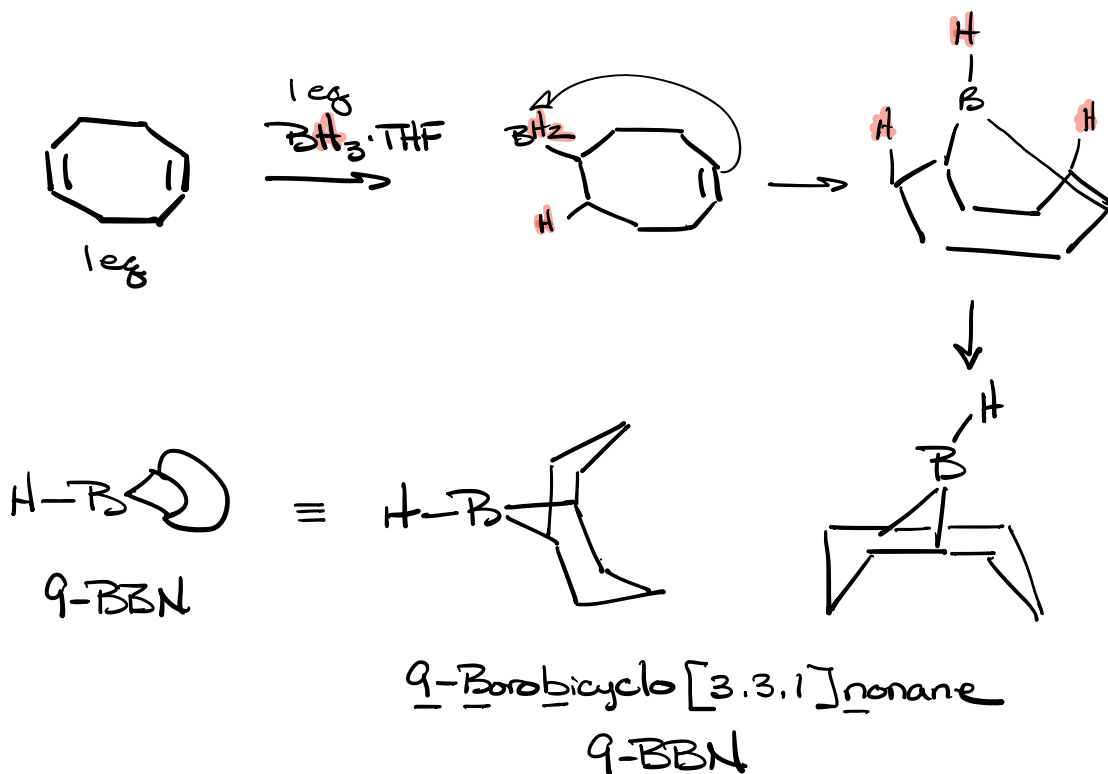
Mechanism Hydroboration/Oxidation

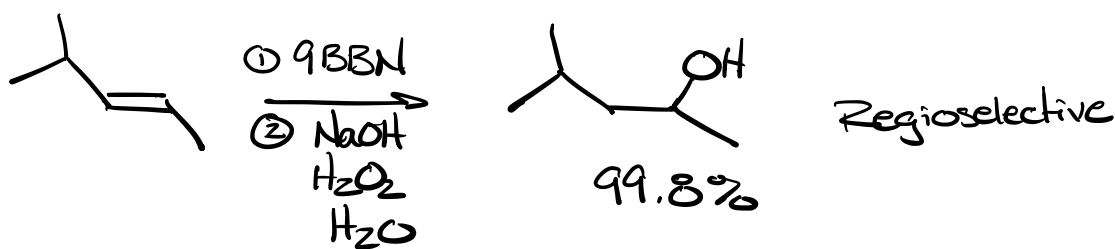




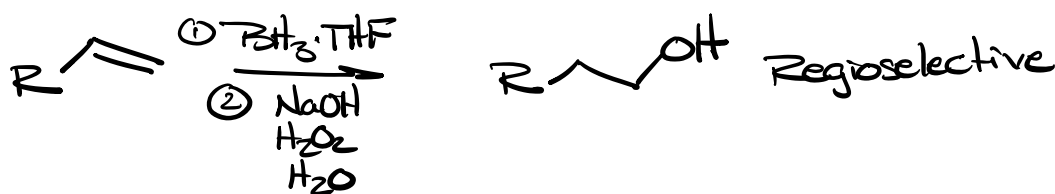


I need to increase sterics, how do I do that?

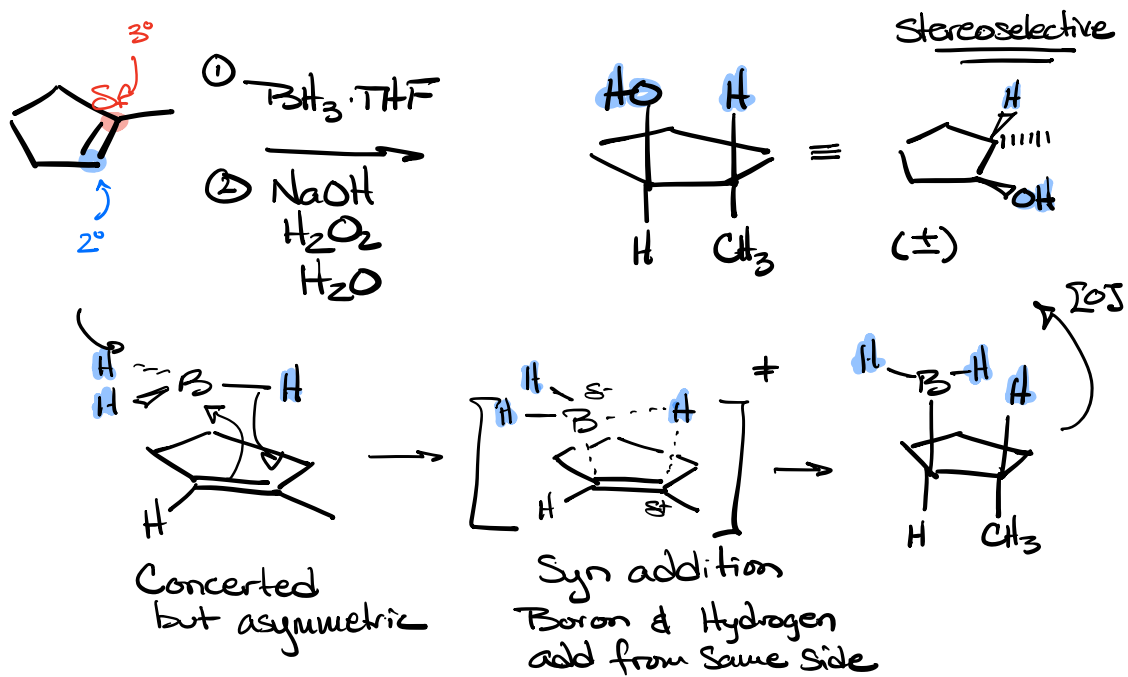




Regioselectivity - Reaction is selective for a position in the molecule

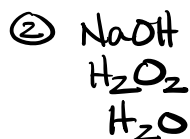
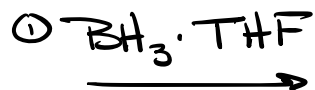


Stereoselectivity - Reaction is selective for one stereoisomer over another (Diastereomers)

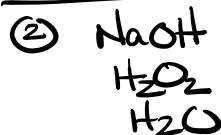


Hydroboration/Oxidation

Both Regioselective & Stereoselective



Guided by electronics
w/ Boron goes on
less substituted
Carbon



Guided by Sterics
w/ boron goes to
less sterically
hindered side

