(34) **Today**

Next Class (35)

Section 7.6 Stability of Alkenes

Section 7.7 - 7.11 Electrophilic Addition Reactions

Section 7.7 Electrophilic Addition Reactions

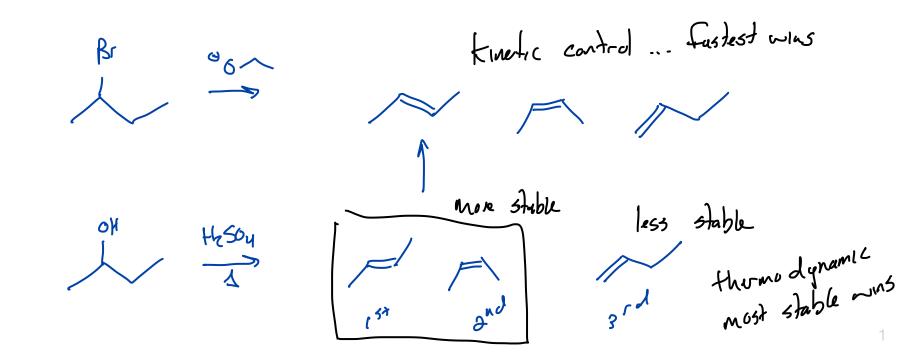
(36) Second Class from Today

Third Class from Today (37)

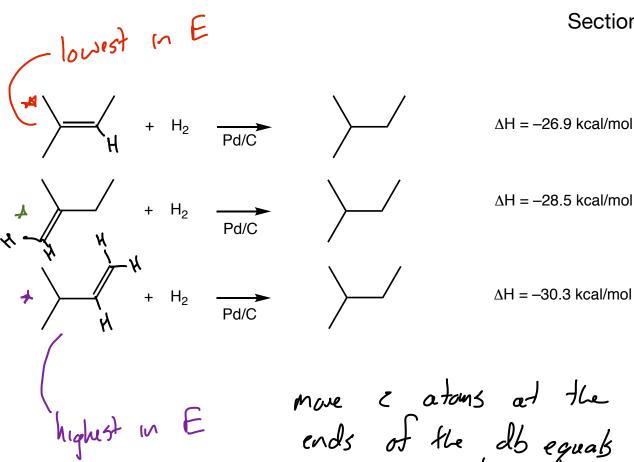
Section 7.7 - 7.11 Electrophilic Addition Reactions

Section 8.2 and 8.3 Halogenation and Halohyrins

Test 3 corrections due Dec 13

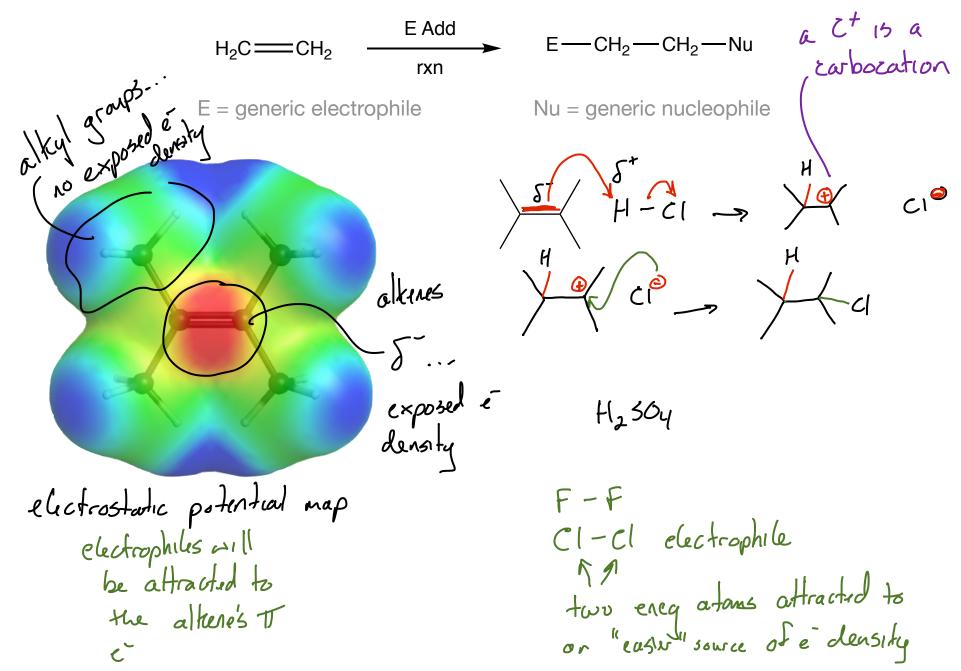


More substituted the alkene is the more stable it is



ends of the db equals onore stuble/lower engy alkene

<</td> most stable The reactions are called electrophilic additions because the are initiated by an electrophile and two groups/atoms are added across the double bond.



 $+ H_2 50y \rightarrow A - 0.5$ H-0/5=0 add a nucleophile

this ran react With unreacted

Feactants @ on a single

atom atom concentrated

more concentrated

c - clersity 1 - 3 pread out over 3 0 atoms · less concentrated egood ruckophile III add a nucleophile... aucle ophile $+ H_{2}SO_{4} \longrightarrow H$ $CH_{3}-\dot{O}-H$ $CH_{3}-\dot{O}-H$ $CH_{3}-\dot{O}-H$ $CH_{3}-\dot{O}-H$ $CH_{3}-\dot{O}-H$ CH3-0-H 0 ether 01 11 11 can hydride an hydride