

Exam

P R E P

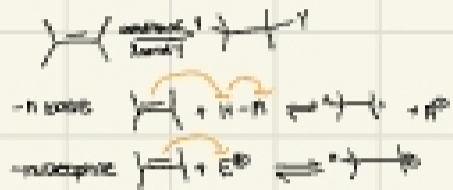
NOTE

test excludes:

- Chapter 7:
 - page 329 - 7.11
- Chapter 8:
 - page 386 - 388 - 8.7

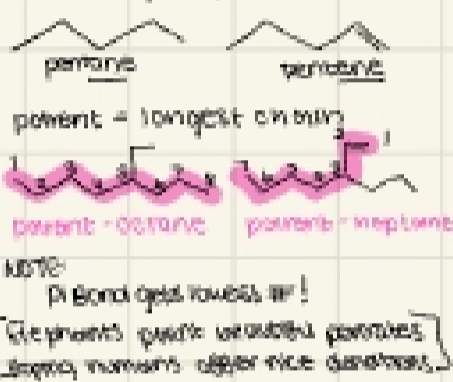
Right One

- Addition reactions
- addition of two groups across a double bond
- π bond is broken

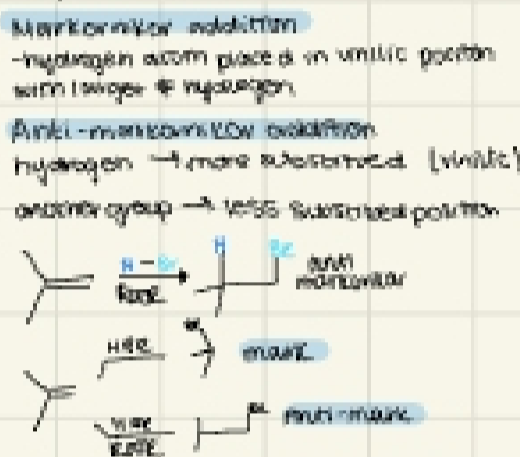


Right Three

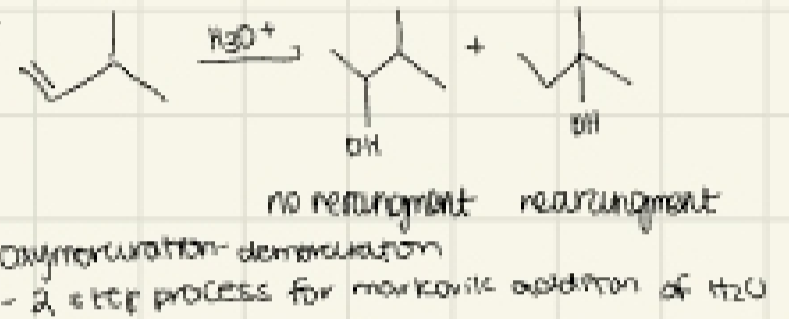
- 1- identify parent
- 2- identify the substituents
- 3- Assign the IUPAC in each substituent
- 4- arrange alphabetically



Right Five



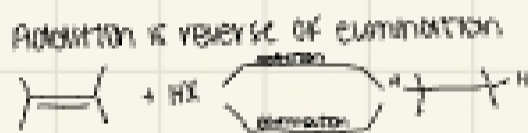
Right Seven



Right Two

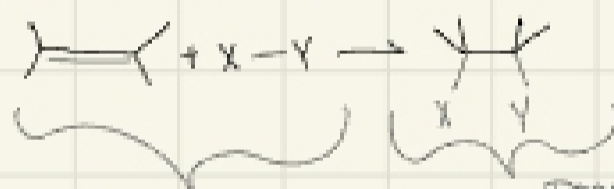
N/A

Right Four

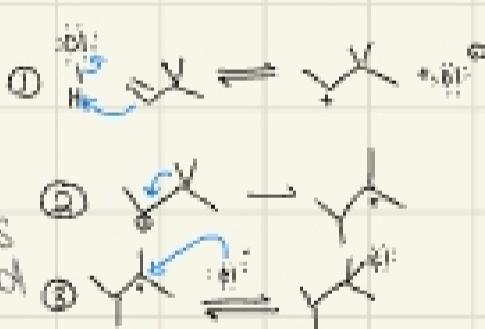
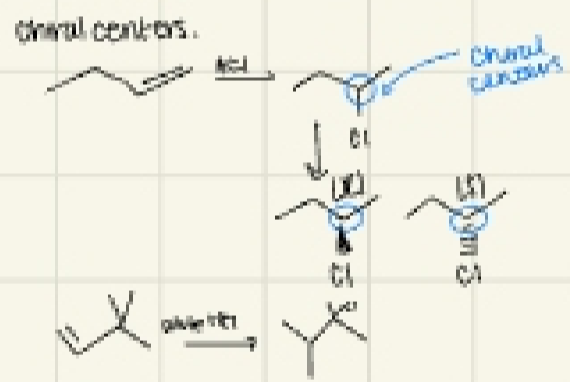


oxidation \rightarrow low temperature
 elimination \rightarrow high temperature

$-\Delta G^\ddagger = \text{products}$
 $\Delta G^\ddagger = \text{reactants}$
 $\Delta G^\ddagger = (\text{A}^\ddagger) + (-\text{T}^\ddagger\text{S})$

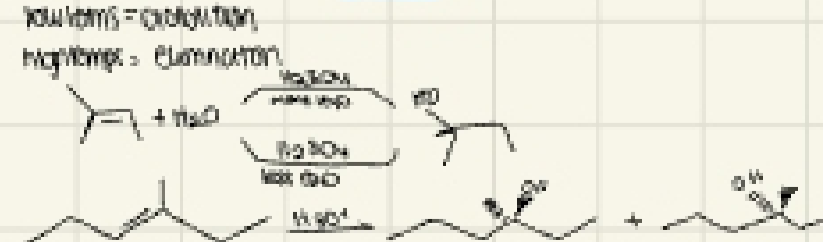
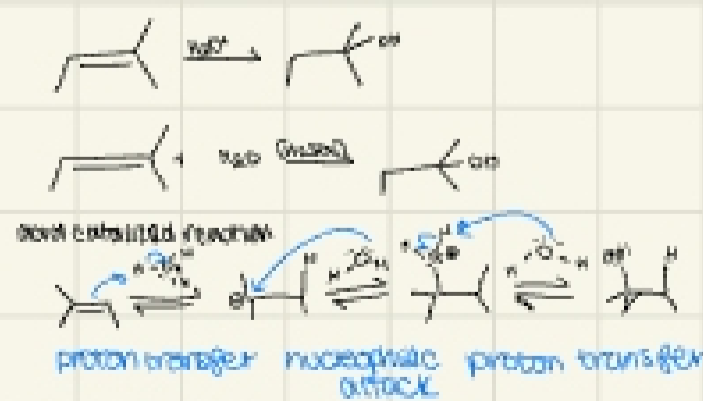


bonds broken - bonds formed
 ΔG^\ddagger is neg \rightarrow products
 -TSS always will be (+) in addition



Right Six

hydration - reaction which proton and (OH) across π bond
 acid-catalyzed reaction \rightarrow position of H_2O across double bond



Right Eight

