

ALKENE REACTIONS

Practice Quiz Solutions

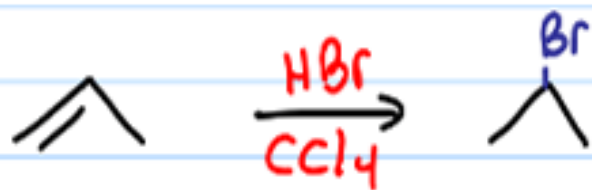
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This quiz will test you on identifying the reactants, reagents, and products of alkene reactions, all the way from the acid-catalyzed hydration of an alkene to hydroboration oxidation.

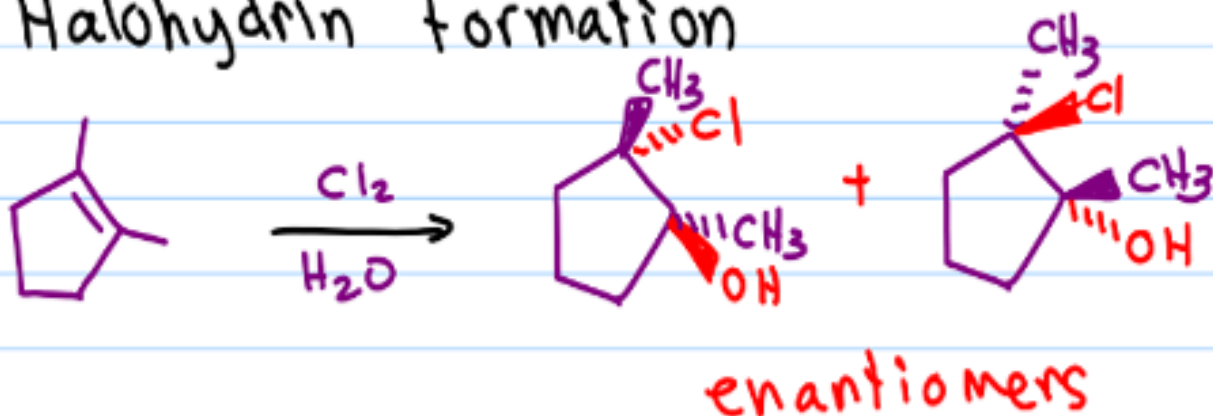
Full Series + Quiz + Cheat Sheet:

Leah4sci.com/Alkene

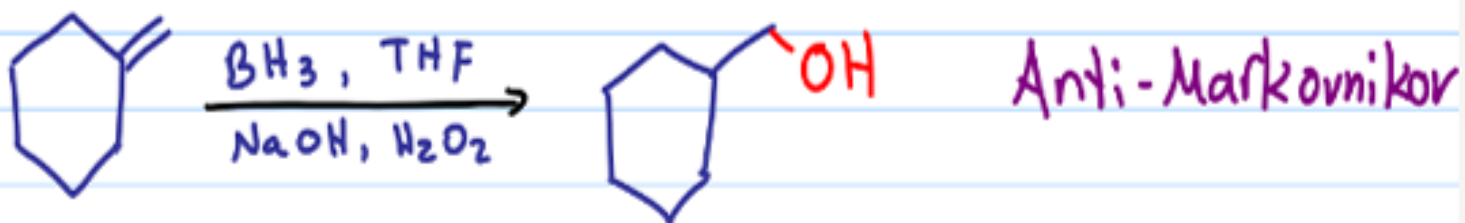
① Hydrohalogenation



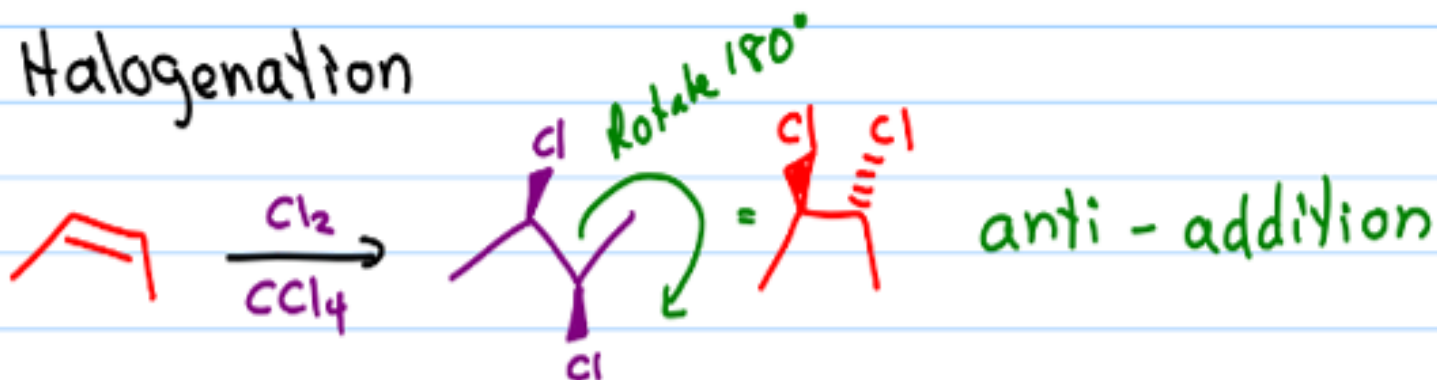
② Halohydrin Formation



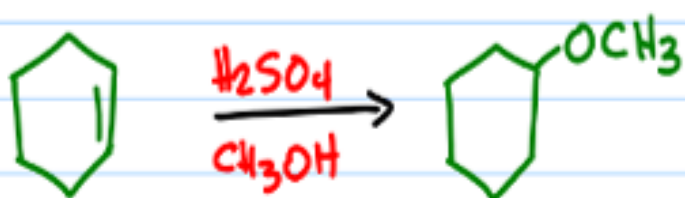
③ Hydroboration Oxidation



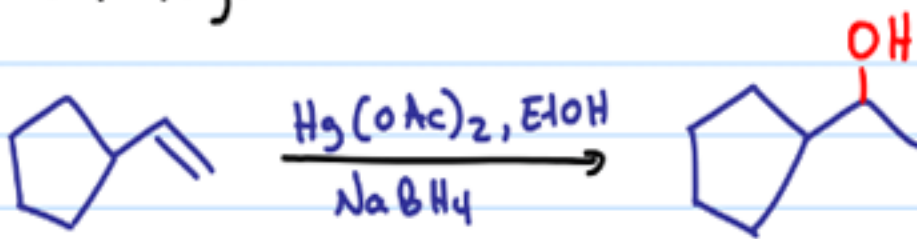
④ Halogenation



⑤ Acid-Catalyzed Alcohol Addition

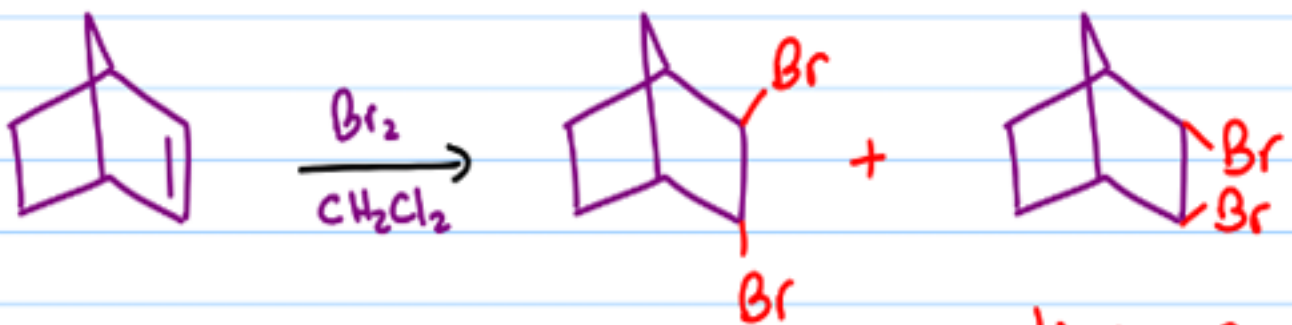


⑥ Alkoxymercuration



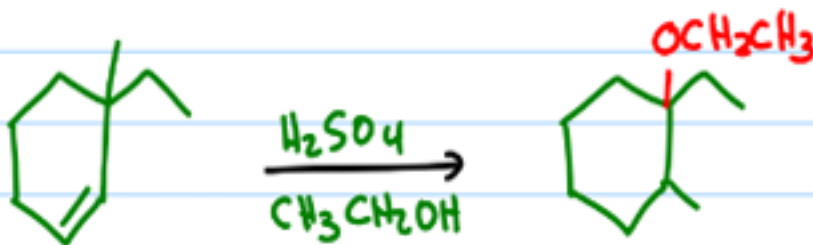
Markovnikov
without
H-shift

⑦ Halogenation

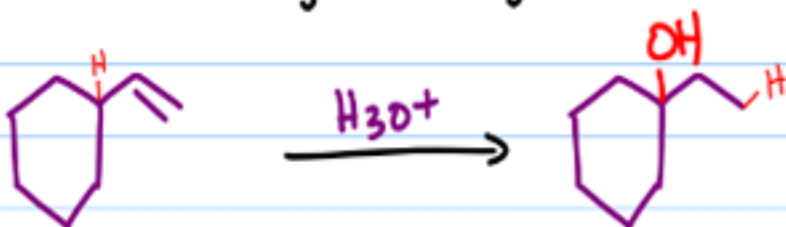


enantiomers

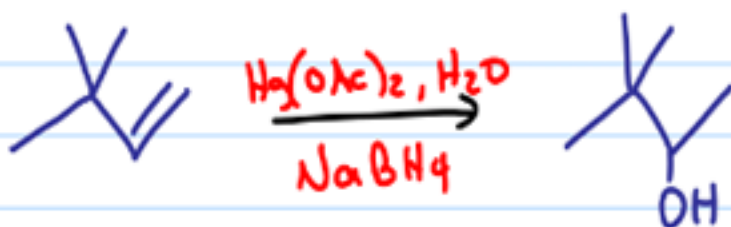
⑧ Acid catalyzed Alcohol Addition + Methyl shift



⑨ Acid catalyzed hydration + hydride shift



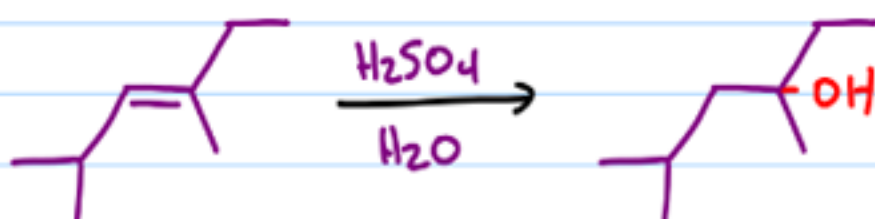
⑩ Oxymercuration-demercuration



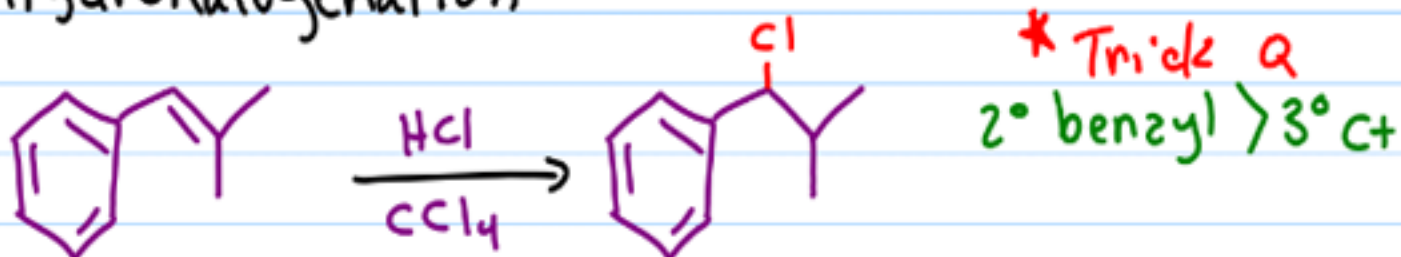
11 Halohydrin formation



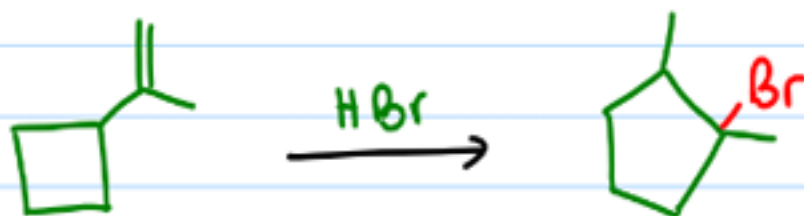
12 Acid catalyzed Hydration



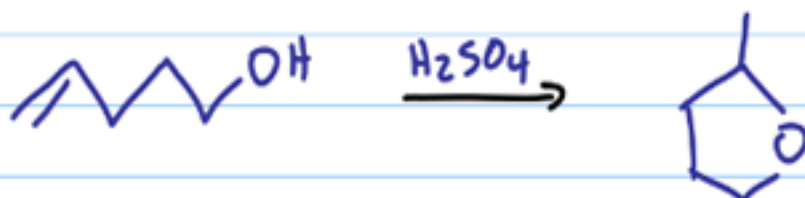
13 Hydrohalogenation



14 hydrohalogenation with ring expansion and methyl shift

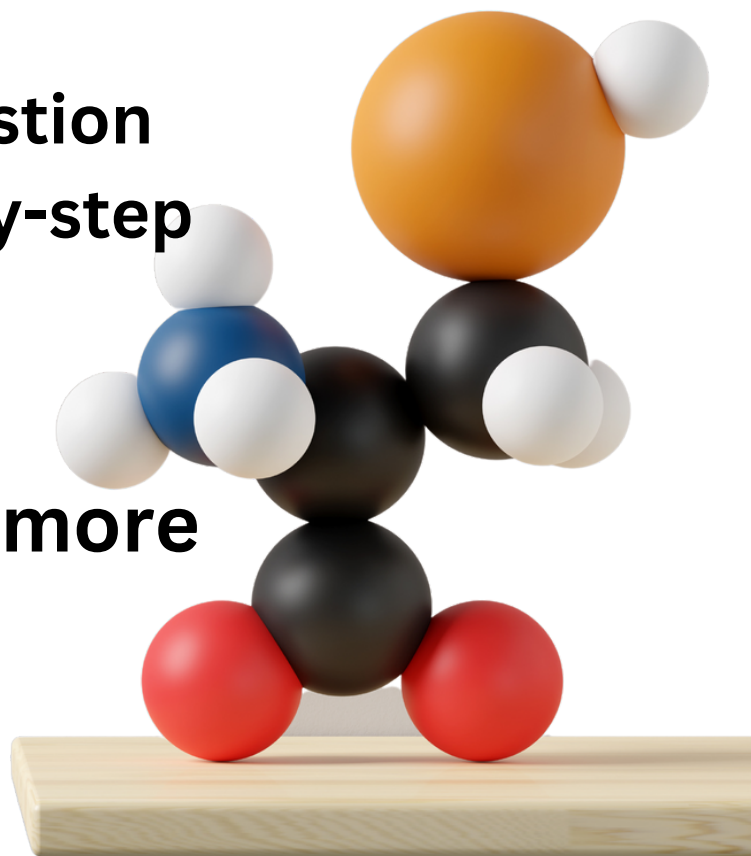


15 Intramolecular alcohol addition



**Want to see each question
broken down in step-by-step
detail?**

**Curious to see even more
explanations?**



**In-depth video solutions with detailed
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