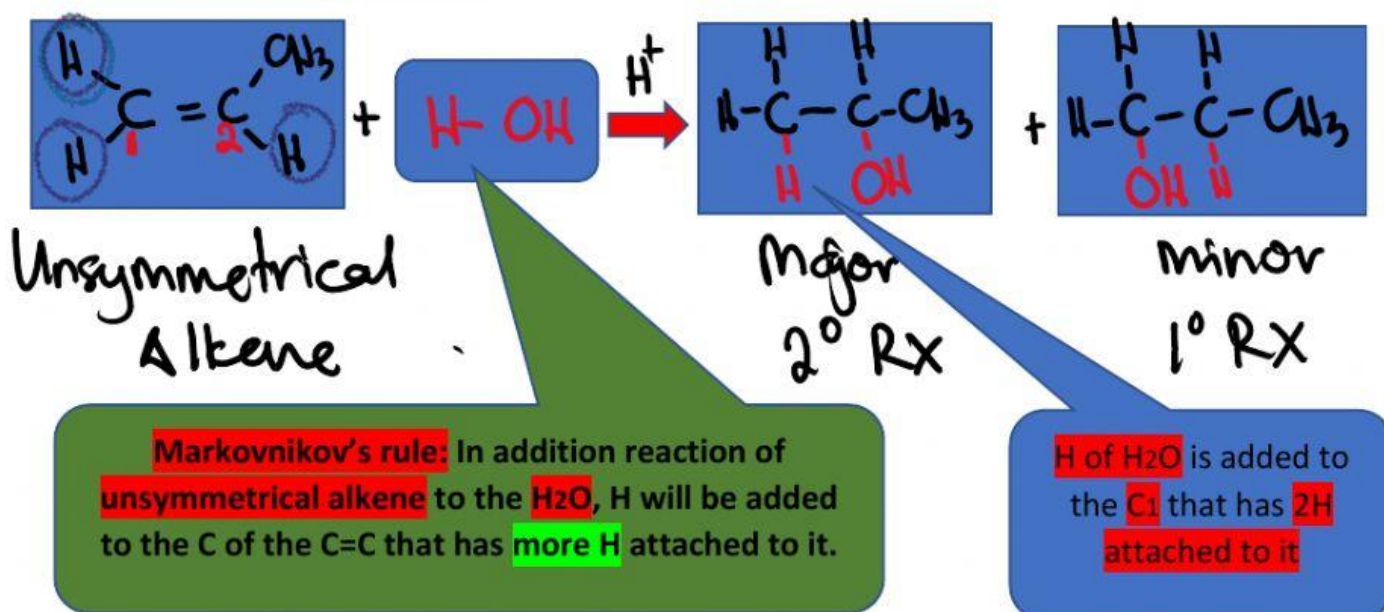


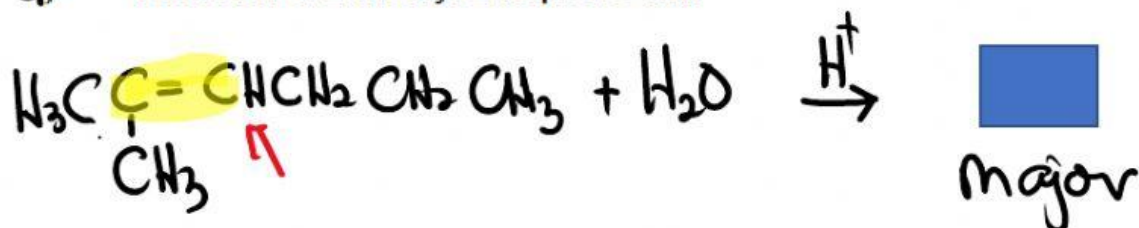
Types of reaction: **Electrophilic addition reaction**

Name of reaction: **Hydration**

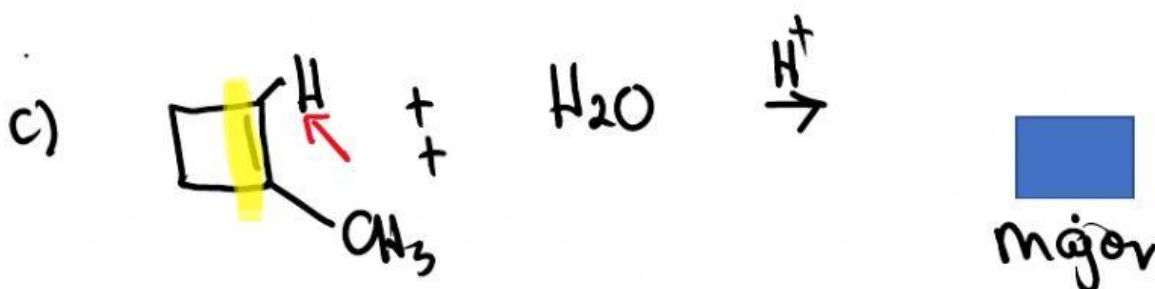
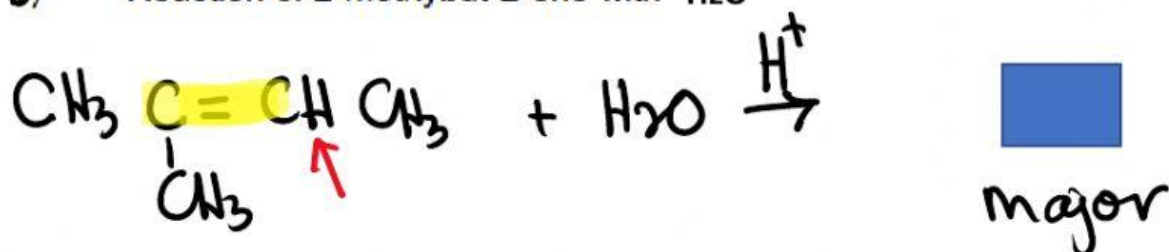


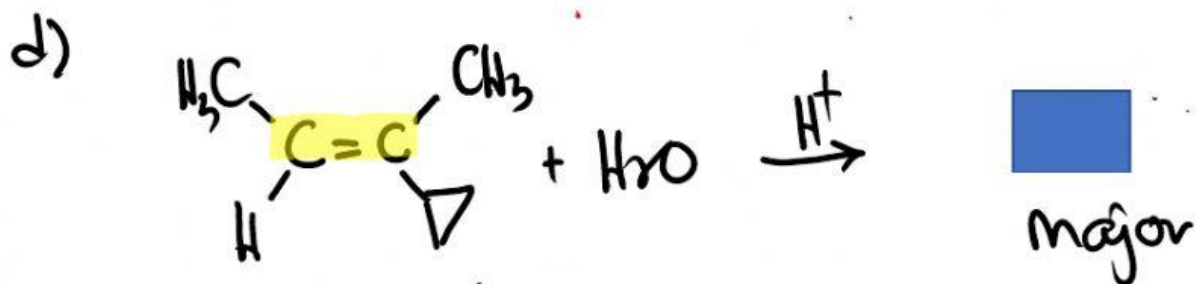
Additional Exercise:

a) Reaction of 2-methyl-2-heptene with H_2O



b) Reaction of 2-methylbut-2-ene with H_2O

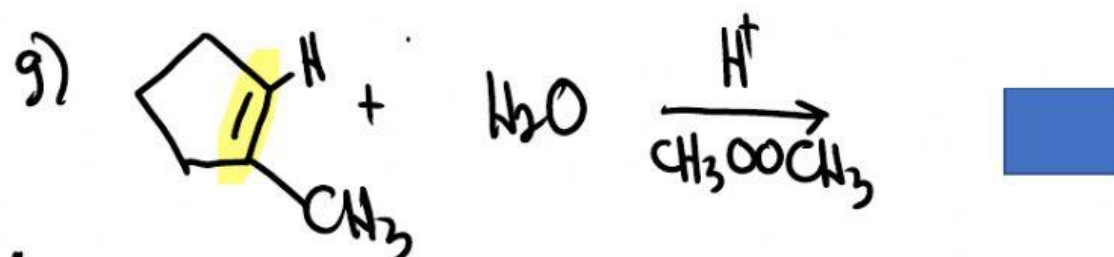




Due to presence of peroxide:

Anti-Markovnikov's rule: In addition reaction of unsymmetrical alkene to the HX , H will be added to the C of the $\text{C}=\text{C}$ that has LESS H attached to it.

Common peroxides:



Answer:

