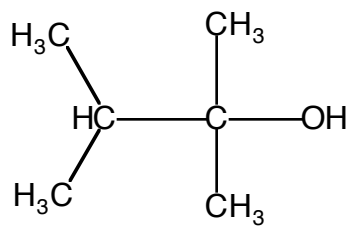
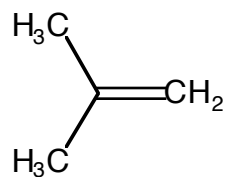


Problem 28, Chemistry 301X - 2006

(a) What two alkenes react with $\text{H}_3\text{O}^+/\text{H}_2\text{O}$ to give:



(b) What are the two possible products of addition of HCl to:



Which is the major product and why?