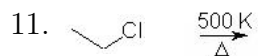
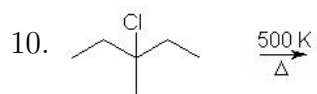
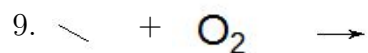
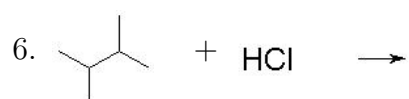
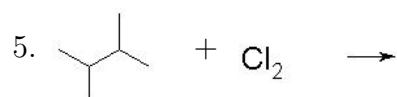
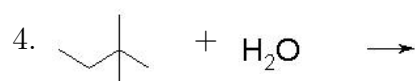
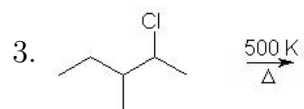
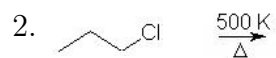
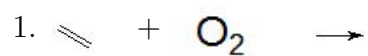
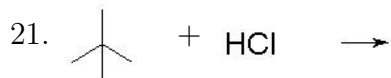
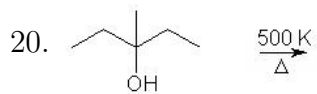
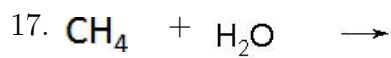
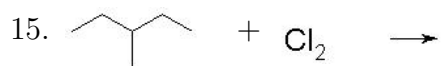
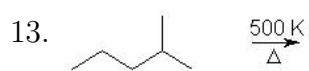
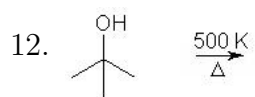


Complete the following reactions. Circle the most favored products.

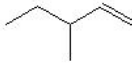
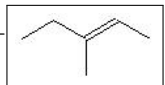


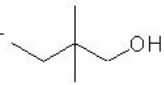
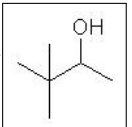
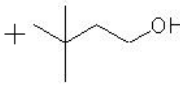


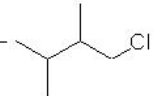
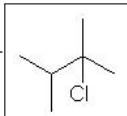


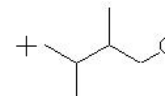
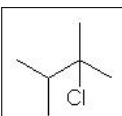
Question 1:  $\underline{\quad}$   $\text{CO}_2(\text{g}) + \underline{\quad}$   $\text{H}_2\text{O}(\text{g}) + \text{Heat}$  Balance: (1,3,2,2)


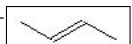
Question 2:  + HCl

Question 3:  +  + HCl

Question 4:  $\text{H}_2(\text{g})$  +  +  + 

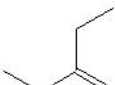
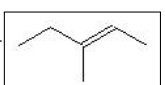
Question 5: HCl +  + 


Question 6:  $\text{H}_2(\text{g})$  +  + 


Question 7:  +  +  $\text{H}_2(\text{g})$


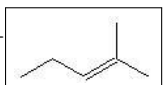
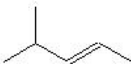
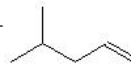
Question 8: **No Reaction**

Question 9:  $\underline{\quad}$   $\text{CO}_2(\text{g}) + \underline{\quad}$   $\text{H}_2\text{O}(\text{g}) + \text{Heat}$  Balance: (2,7,4,6)

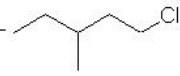
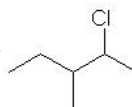
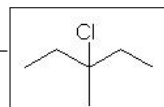
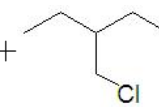
Question 10:  +  + HCl

Question 11:  + HCl

Question 12:  +  $\text{H}_2\text{O}$

Question 13:  +  +  +  +  $\text{H}_2(\text{g})$

Question 14:  $\underline{\quad}$   $\text{CO}_2(\text{g}) + \underline{\quad}$   $\text{H}_2\text{O}(\text{g}) + \text{Heat}$  Balance: (1,6,4,4)

Question 15: HCl +  +  +  + 

Question 16:  $\underline{\quad}$   $\text{CO}_2(\text{g}) + \underline{\quad}$   $\text{H}_2\text{O}(\text{g}) + \text{Heat}$  Balance: (1,5,3,4)

