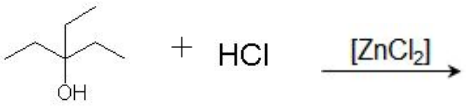
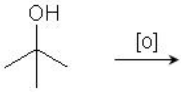
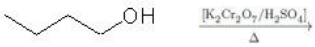
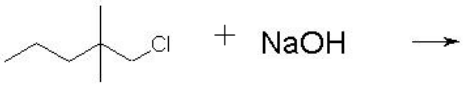
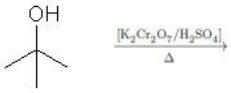
Complete the following reactions. Circle the most favored products.

1. 

2. 

3. 

4. 

5. 

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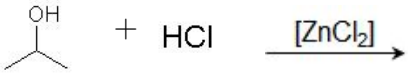
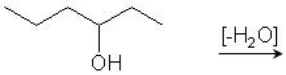
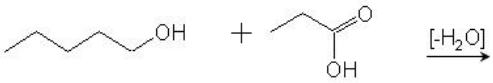
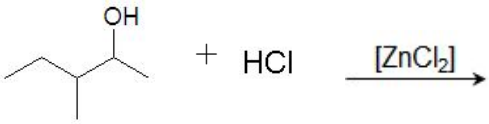
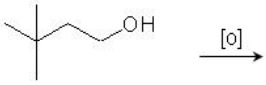
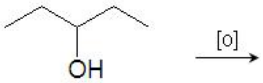
7. 

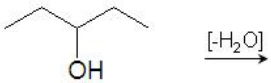
8. 

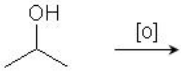
9. 

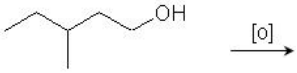
10. 

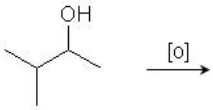
11. 

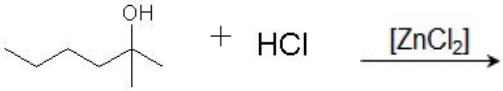
12. 

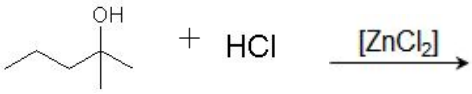
13. 

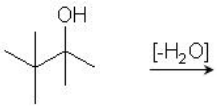
14. 

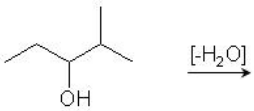
15. 

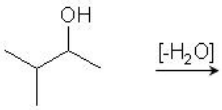
16. 

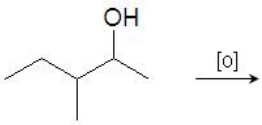
17. 

18. 

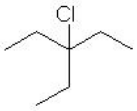
19. 

20. 

21. 

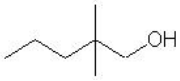
22. 

23.

Question 1:  + H_2O Rate: **Fast**

Question 2: No Reaction

Question 3: + H_2O Visible Change: orange-red $\longrightarrow$ green-blue

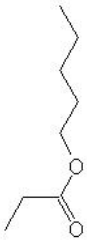
Question 4:  + NaCl

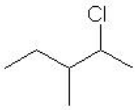
Question 5: No Reaction

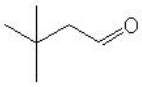
Question 6: + H_2O

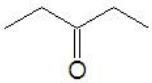
Question 7: + H_2O Rate: **Slow**

Question 8: + + H_2O

Question 9:  + H_2O

Question 10:  + H_2O Rate: **Slow**

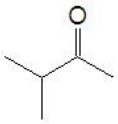
Question 11:  + H_2O

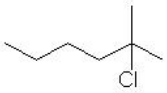
Question 12:  + H_2O

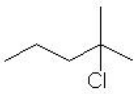
Question 13: + H_2O

Question 14: + H_2O

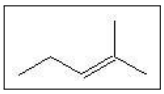
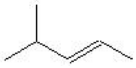
Question 15: + H_2O

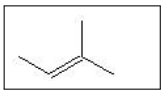
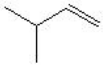
Question 16:  + H_2O

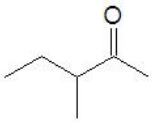
Question 17:  + H_2O Rate: **Fast**

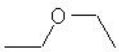
Question 18:  + H_2O Rate: **Fast**

Question 19: + H_2O

Question 20:  +  + H_2O

Question 21:  +  + H_2O

Question 22:  + H_2O

Question 23:  + H_2O