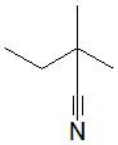
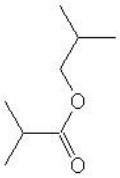
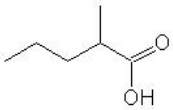
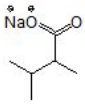
Complete the following reactions. Circle the most favored products.

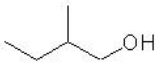
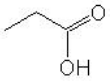
1.  + H_2O + NaOH →

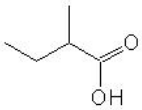
2.  + NaOH →

3.  + $SOCl_2$ →

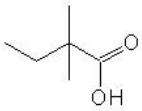
4.  + HCl →

5. + $SOCl_2$ →

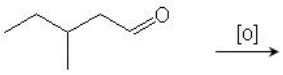
6.  +  $\xrightarrow{[-H_2O]}$

7.  + $SOCl_2$ →

8. + $2\ H_2O + HCl$ →

9.  + $SOCl_2$ →

10. + $2\ H_2O + HCl$ →

11. 

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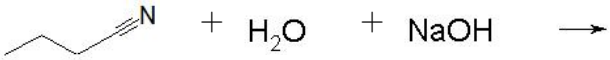
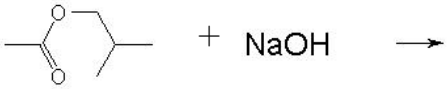
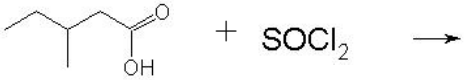
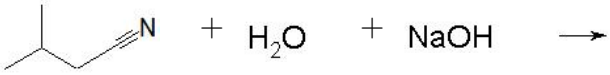
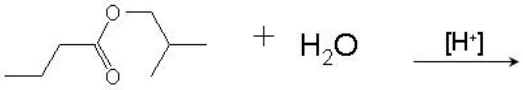
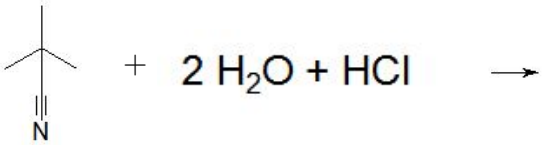
13. 

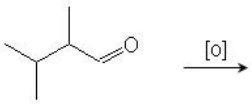
14. 

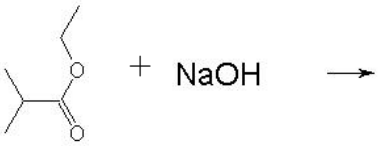
15. 

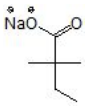
16. 

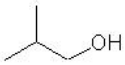
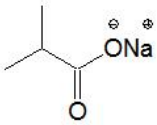
17. 

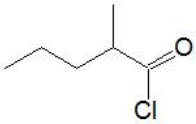
18. 

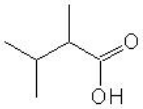
19. 

20. 

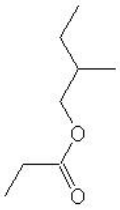
Question 1:  $+NH_{3(aq)}$

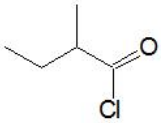
Question 2:  + 

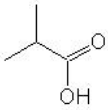
Question 3:  + HCl + SO_2

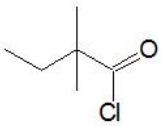
Question 4:  + NaCl

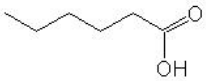
Question 5: + HCl + SO_2

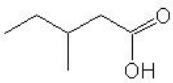
Question 6:  + H_2O

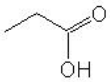
Question 7:  + HCl + SO_2

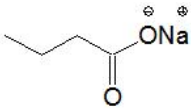
Question 8:  + $\overset{+}{N}H_4Cl^-$

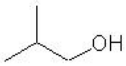
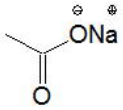
Question 9:  + HCl + SO_2

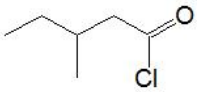
Question 10:  + $\overset{+}{N}H_4Cl^-$

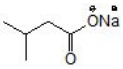
Question 11: 

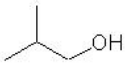
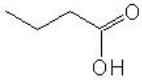
Question 12:  + $\overset{+}{N}H_4Cl^-$

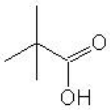
Question 13:  $+NH_{3(aq)}$

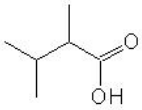
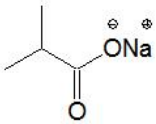
Question 14:  + 

Question 15:  + HCl + SO_2

Question 16:  $+NH_{3(aq)}$

Question 17:  + 

Question 18:  + $\overset{+}{N}H_4Cl^-$

Question 19: 

Question 20: +