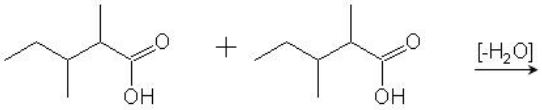
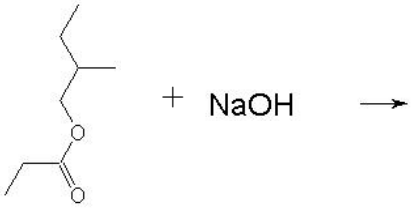
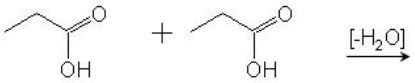
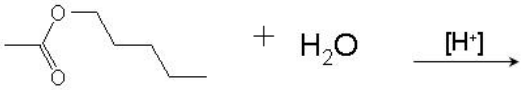
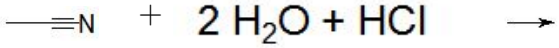
Complete the following reactions. Circle the most favored products.

1. 

2. 

3. 

4. 

5. 

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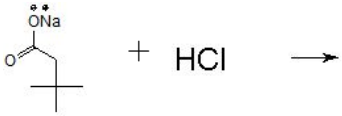
7. 

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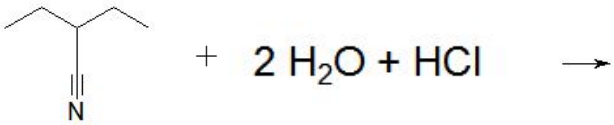
9. 

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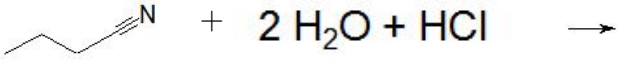
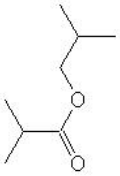
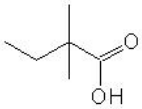
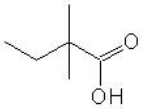
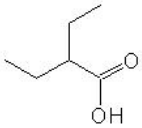
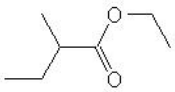
11. 

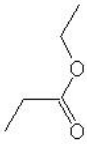
12.  + NaOH →

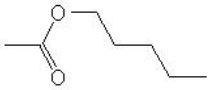
13.  +  $\xrightarrow{[-H_2O]}$

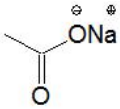
14.  + $SOCl_2$ →

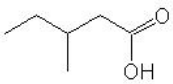
15.  + H_2O $\xrightarrow{[H^+]}$

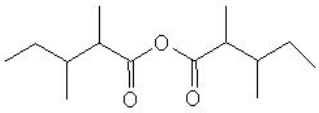
16. + H_2O + NaOH →

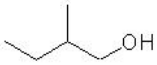
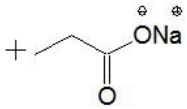
17.  + NaOH →

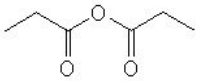
18.  + NaOH →

19.  + HCl →

20.  + $SOCl_2$ →

Question 1:  + H_2O

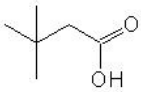
Question 2:  + 

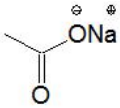
Question 3:  + H_2O

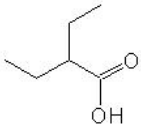
Question 4: +

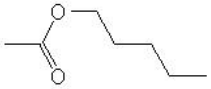
Question 5: + $\overset{+}{N}H_4Cl^-$

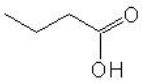
Question 6:

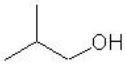
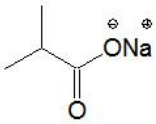
Question 7:  + NaCl

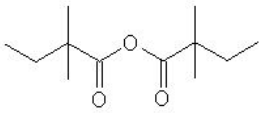
Question 8:  $+NH_{3(aq)}$

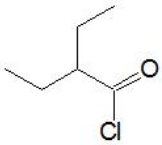
Question 9:  + $\overset{+}{N}H_4Cl^-$

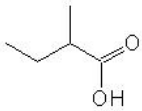
Question 10:  + H_2O

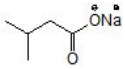
Question 11:  + $\overset{+}{N}H_4Cl^-$

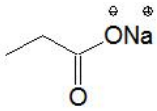
Question 12:  + 

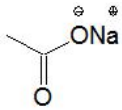
Question 13:  + H_2O

Question 14:  + HCl + SO_2

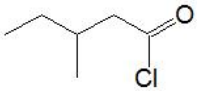
Question 15: + 

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

Question 17: + 

Question 18: + 

Question 19: + NaCl

Question 20:  + HCl + SO_2