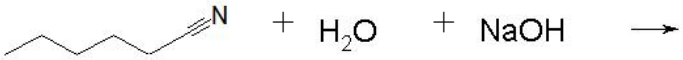
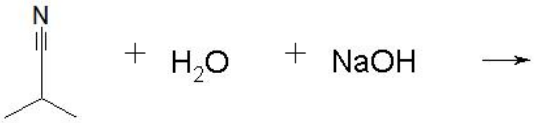
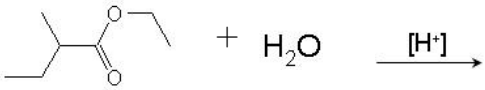
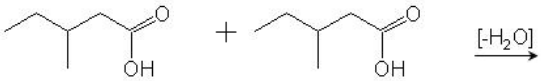
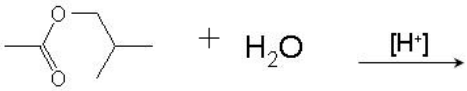
Complete the following reactions. Circle the most favored products.

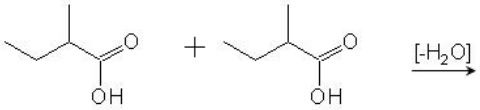
1. 

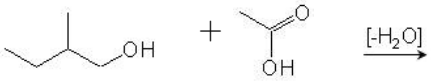
2. 

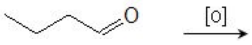
3. 

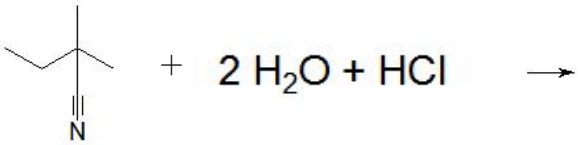
4. 

5. 

6. 

7. 

8. 

9. 

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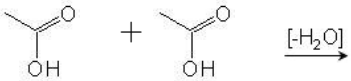
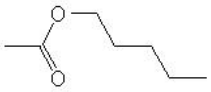
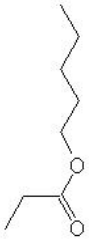
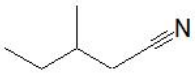
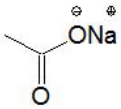
11. 

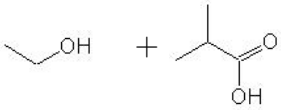
12.  + NaOH →

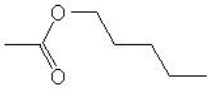
13.  + NaOH →

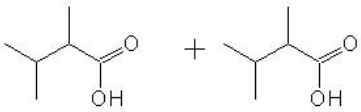
14.  + H_2O + NaOH →

15.  + HCl →

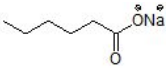
16. + H_2O + NaOH →

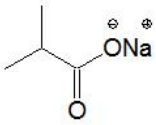
17.  $\xrightarrow{[-H_2O]}$

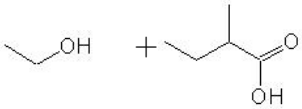
18.  + H_2O $\xrightarrow{[H^+]}$

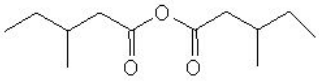
19.  $\xrightarrow{[-H_2O]}$

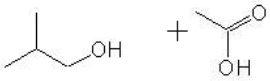
20. + $2\ H_2O + HCl$ →

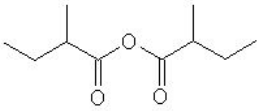
Question 1:  $+NH_{3(aq)}$

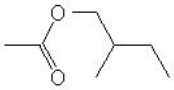
Question 2:  $+NH_{3(aq)}$

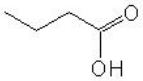
Question 3: 

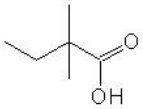
Question 4:  $+ H_2O$

Question 5: 

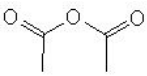
Question 6:  $+ H_2O$

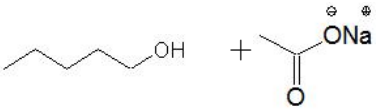
Question 7:  $+ H_2O$

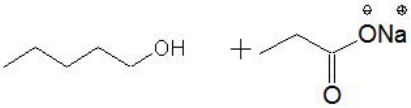
Question 8: 

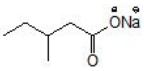
Question 9:  $+ \overset{+}{N}H_4Cl^-$

Question 10:

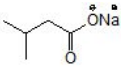
Question 11:  $+ H_2O$

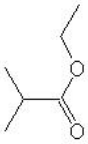
Question 12: 

Question 13: 

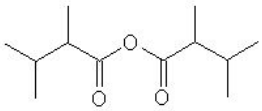
Question 14:  $+NH_{3(aq)}$

Question 15: $+$ NaCl

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

Question 17:  $+ H_2O$

Question 18: $+$

Question 19:  $+ H_2O$

Question 20: $+ \overset{+}{N}H_4Cl^-$