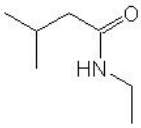
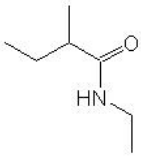
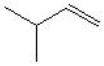
Complete the following reactions. Circle the most favored products.

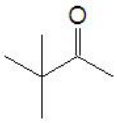
1. 

+ HCl + H_2O →

2. 

+ HCl + H_2O →

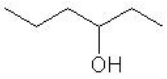
3. 
+ Cl_2 →

4. 

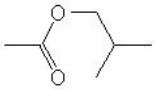
$\xrightarrow[\Delta]{H_2/Ni}$

5.
+ H_2O →

6.
+ H_2O →

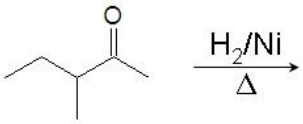
7. 

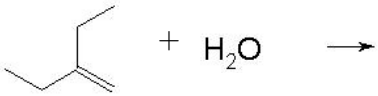
$\xrightarrow{[o]}$

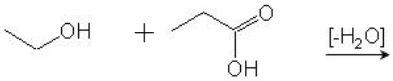
8. 

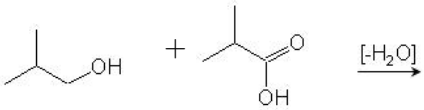
+ NaOH →

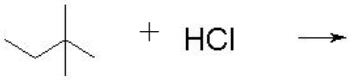
9.
+ Cl_2 →

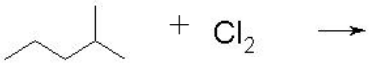
10. 

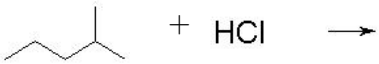
11. 

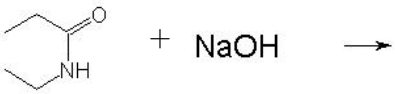
12. 

13. 

14. 

15. 

16. 

17. 

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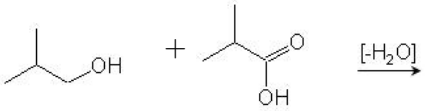
20. 

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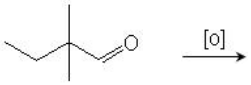
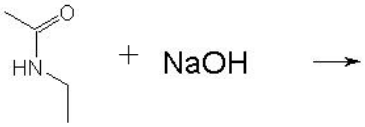
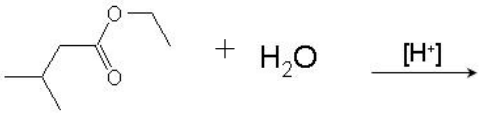
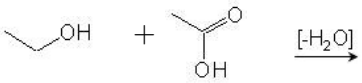
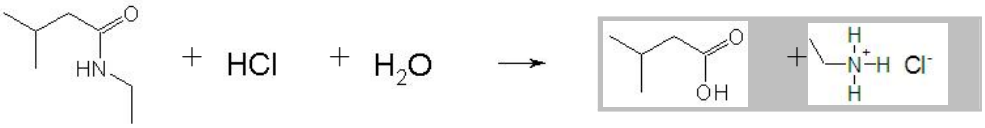
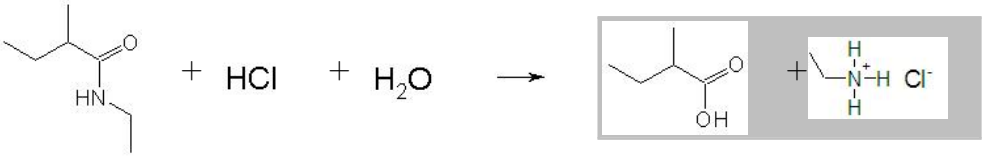
22. 

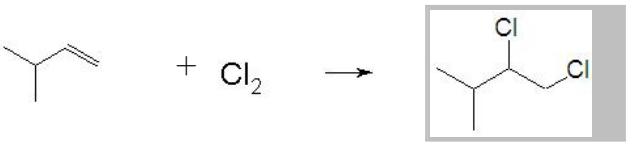
23. 

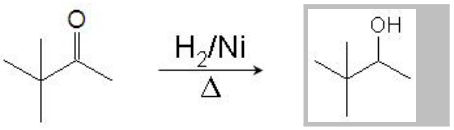
24. 

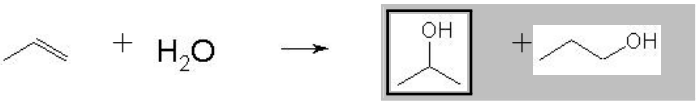
25. 

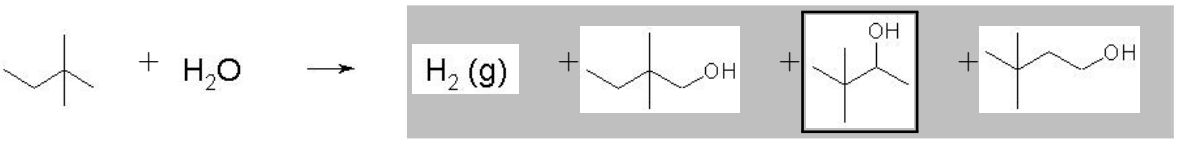
Question 1: 

Question 2: 

Question 3: 

Question 4: 

Question 5: 

Question 6: 

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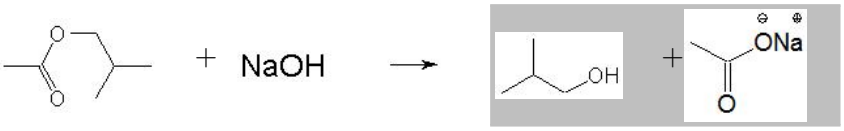
Question 8: 

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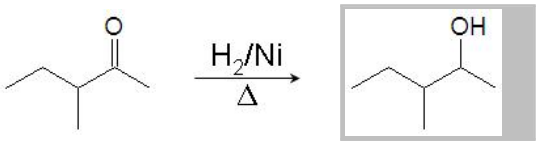
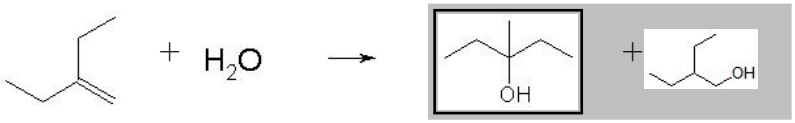
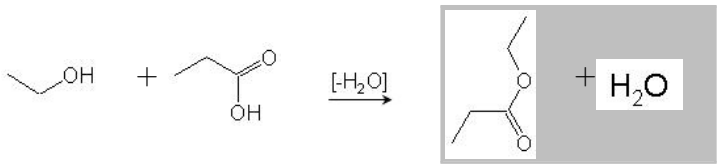
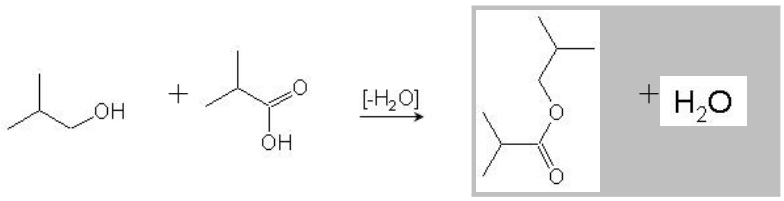
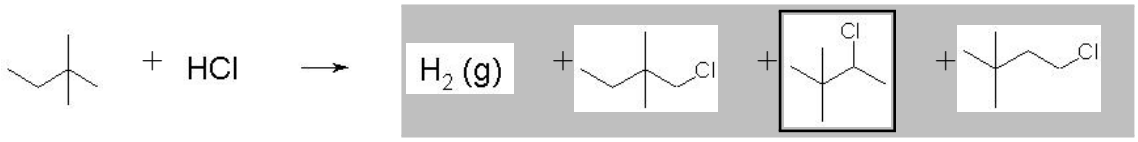
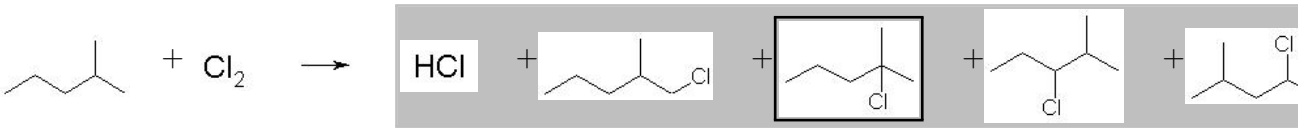
Question 10: 

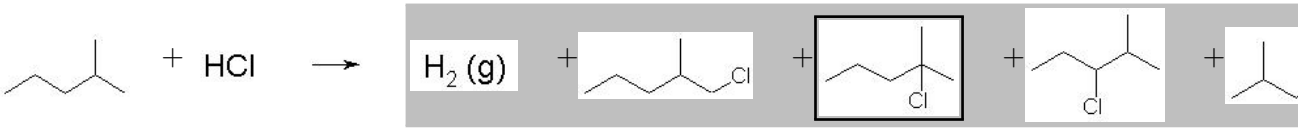
Question 11: 

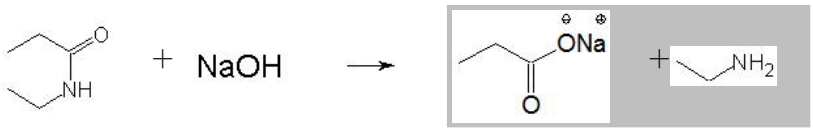
Question 12: 

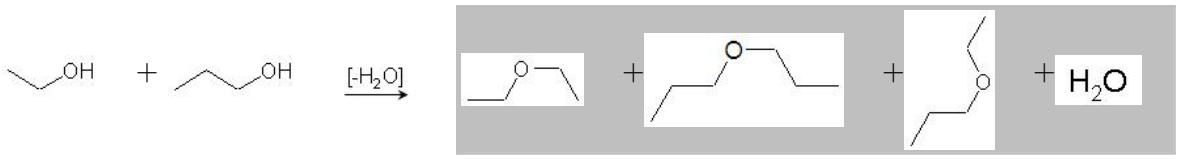
Question 13: 

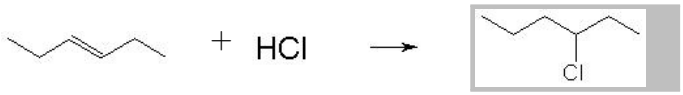
Question 14: 

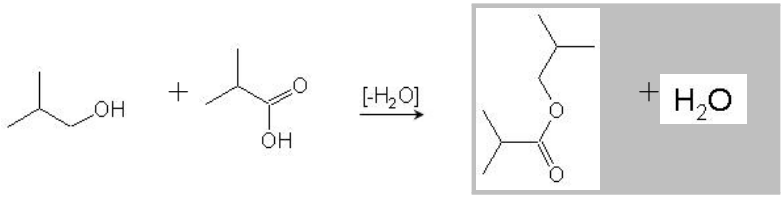
Question 15: 

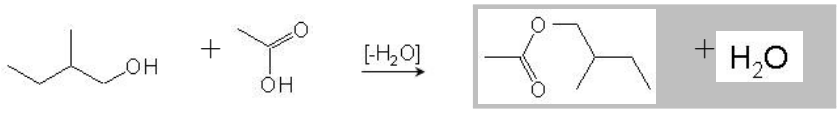
Question 16: 

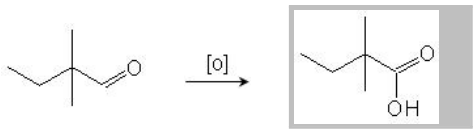
Question 17: 

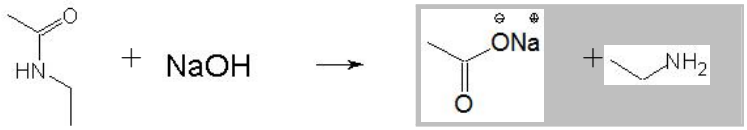
Question 18: 

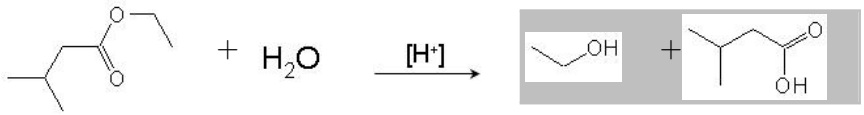
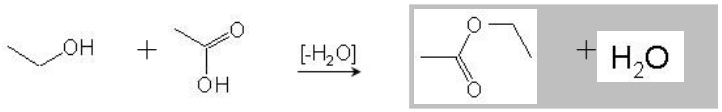
Question 19: 

Question 20: 

Question 21: 

Question 22: 

Question 23: 

Question 24: 

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