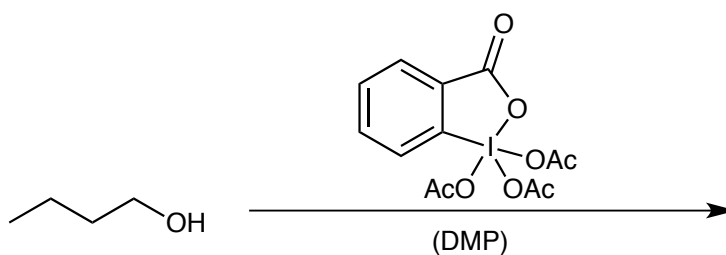
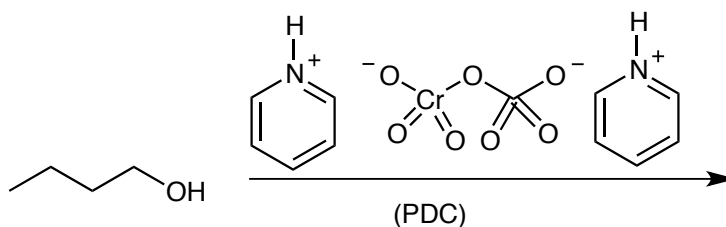
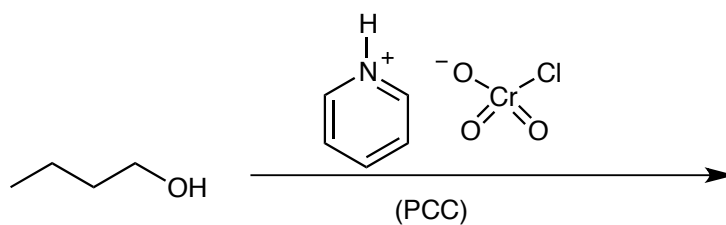
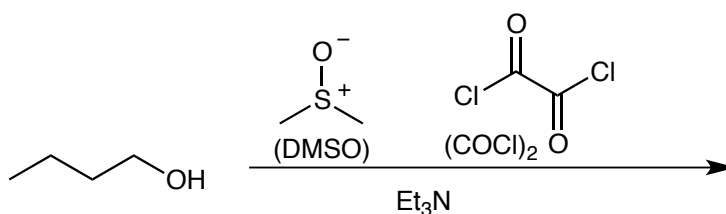
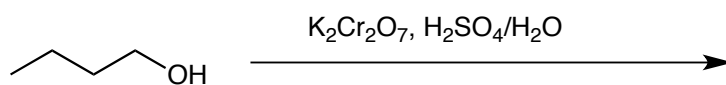
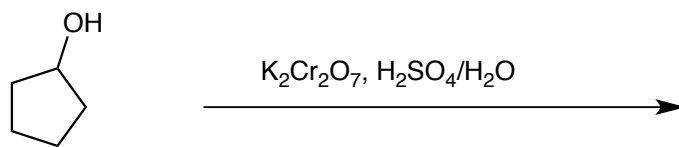
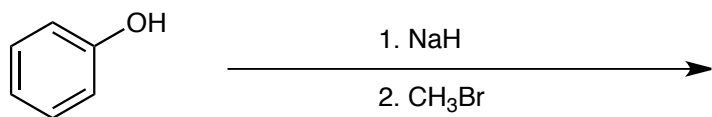
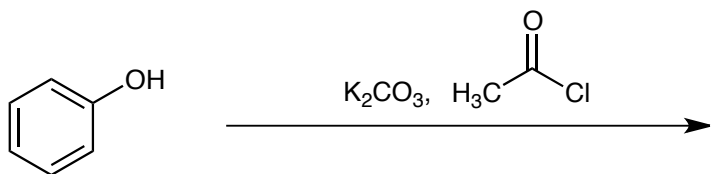
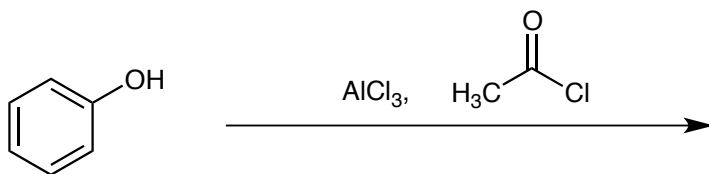
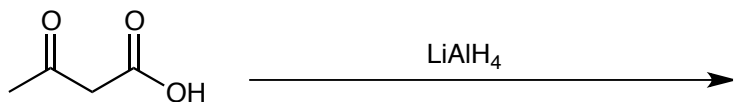
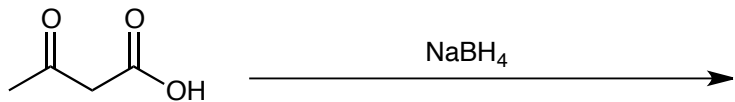
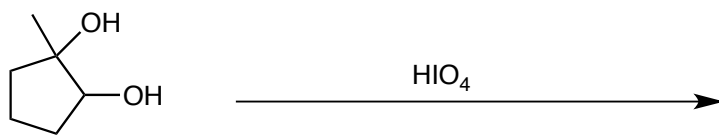
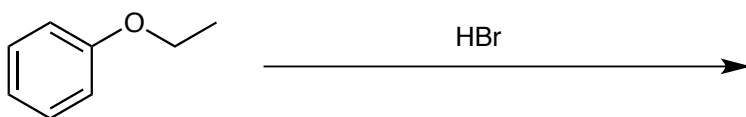
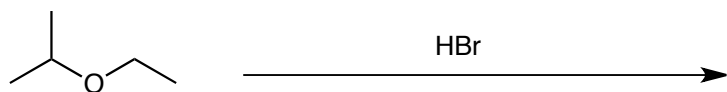
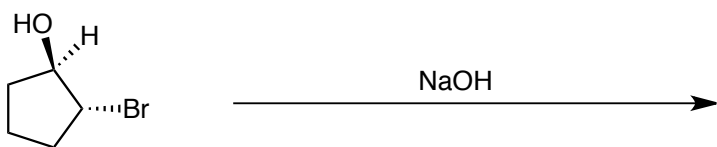
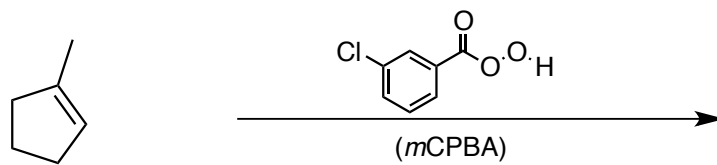
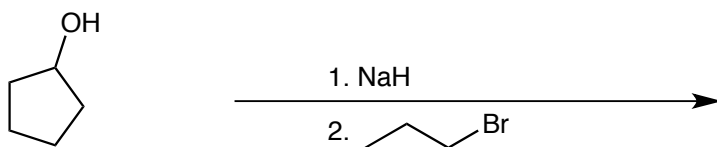
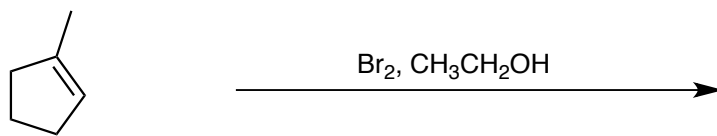
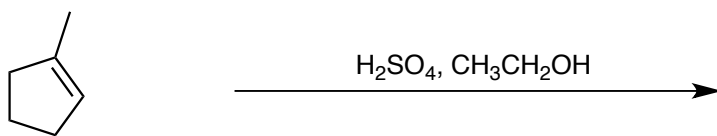


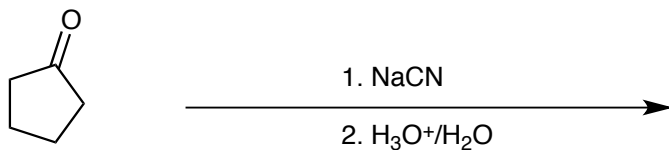
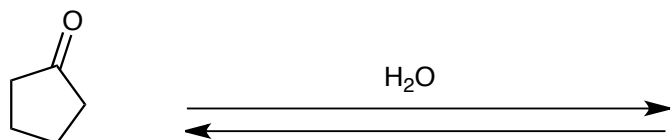
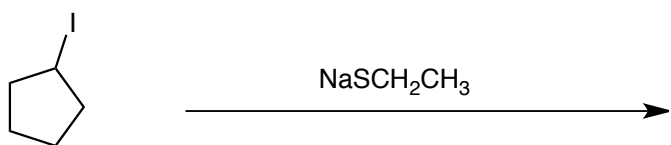
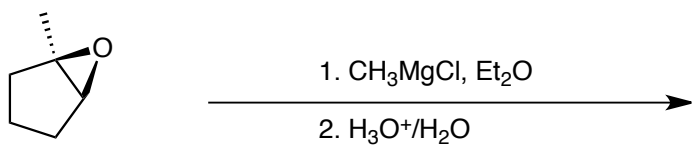
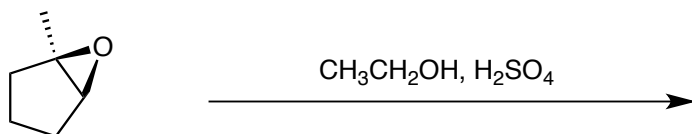
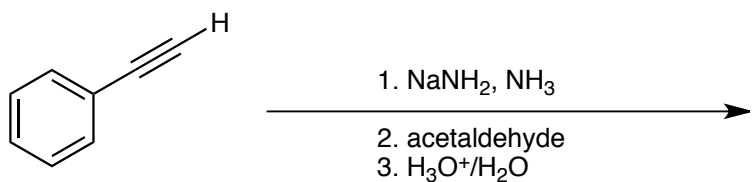
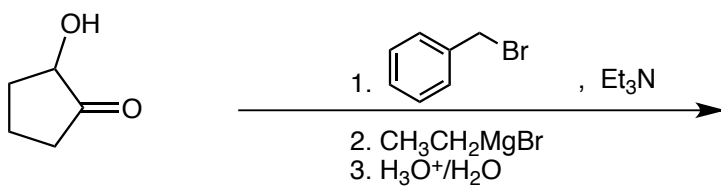
Organic Chemistry II • Reactions Review

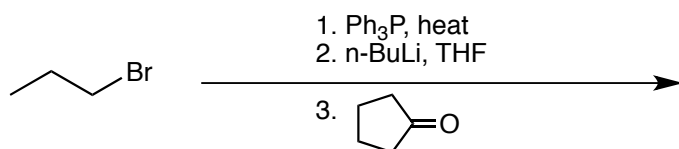
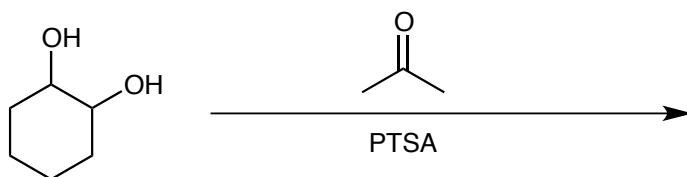
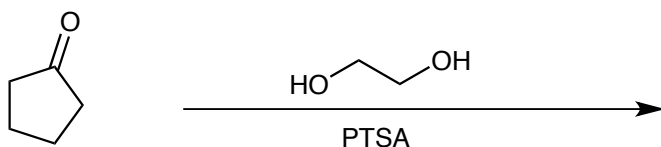
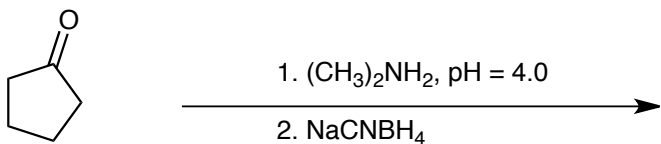
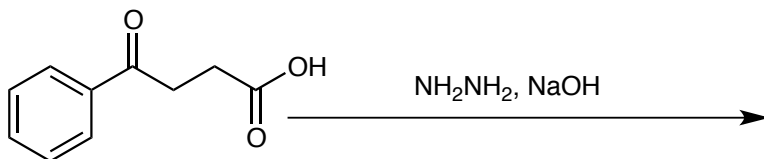
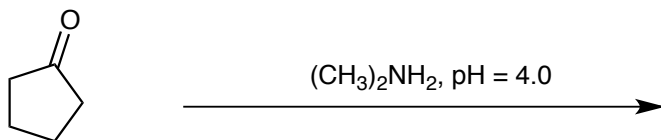
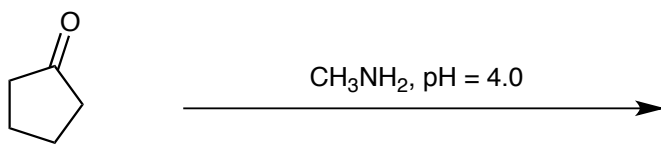
Draw the major product of each reaction. Also, write an appropriate name for each reaction, specific or general (e.g., Wittig reaction or addition-elimination).

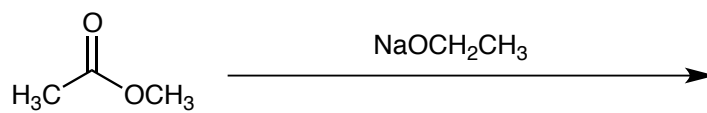
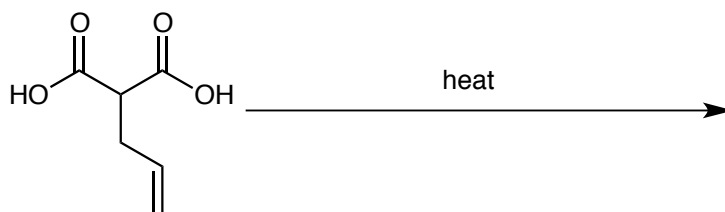
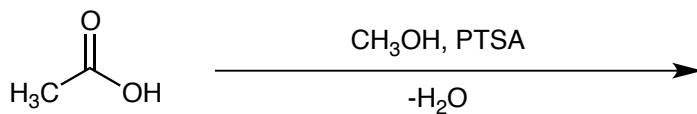
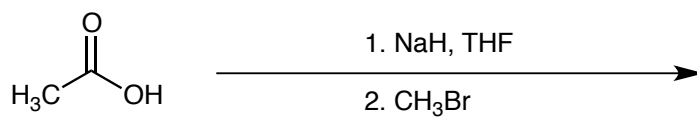
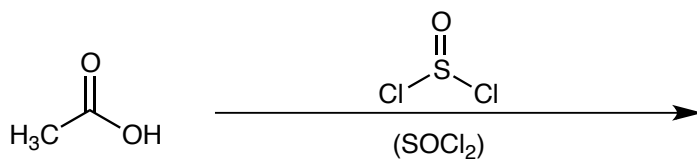
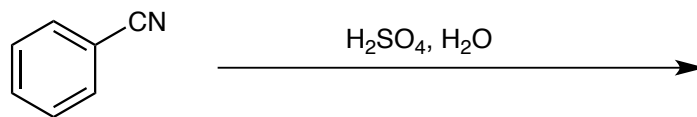
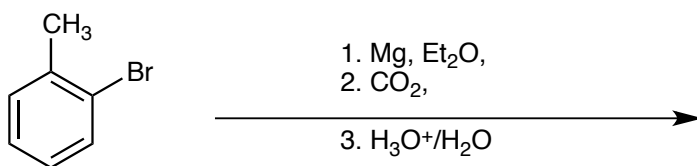


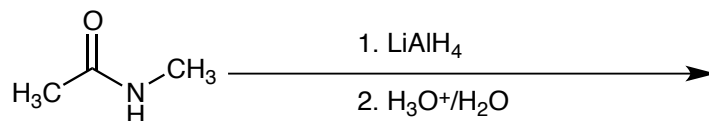
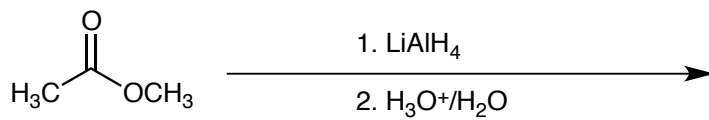
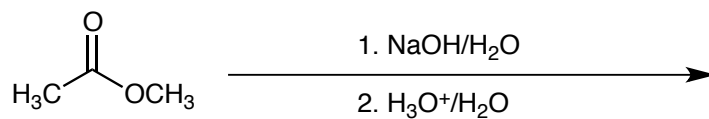
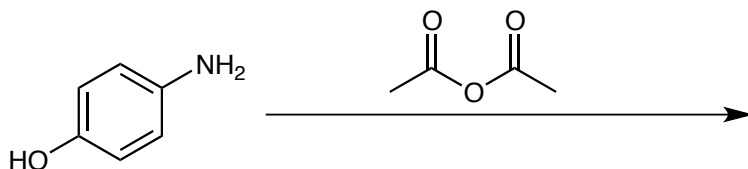
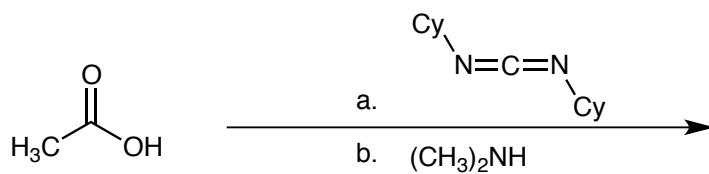
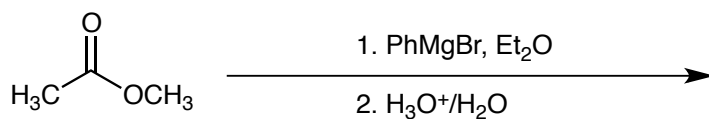
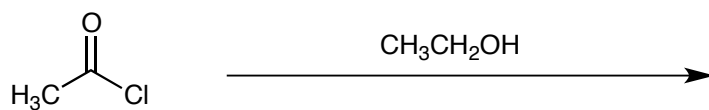


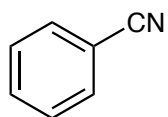






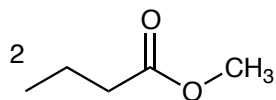




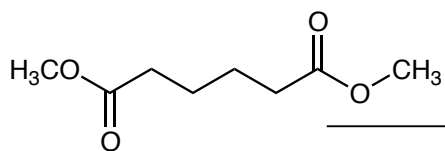


1. $\text{CH}_3\text{CH}_2\text{MgBr}$, Et_2O

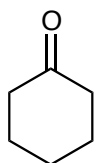
2. H_2SO_4 , H_2O



NaOCH_3

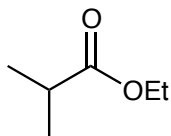
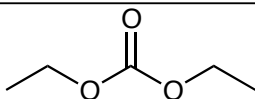


NaOCH_3



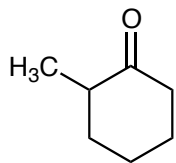
1. NaH

2.

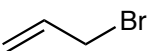


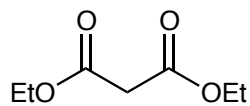
1. NaOEt

2. CH_3Br



1. LDA , THF , -78°C

2. 

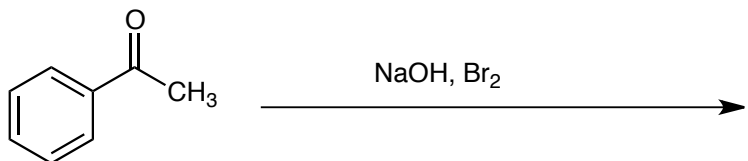
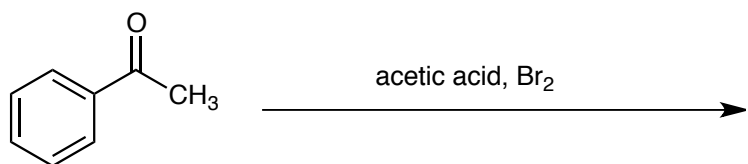
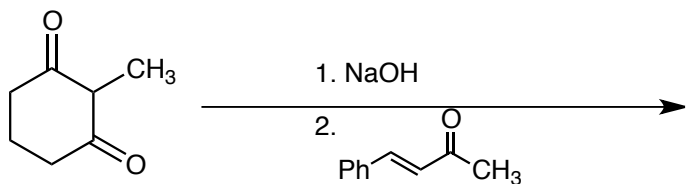
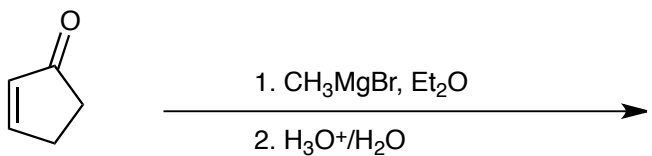
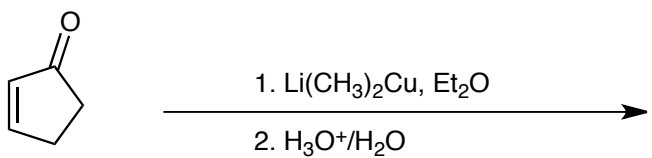
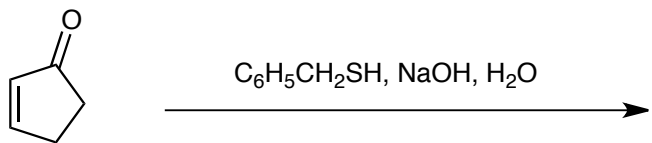
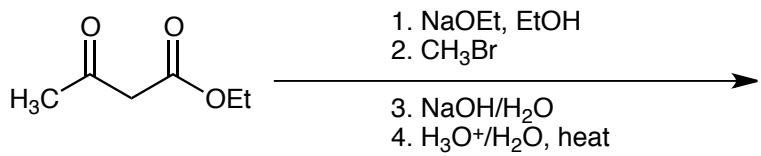


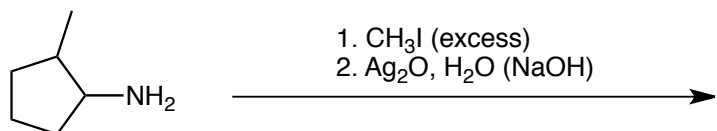
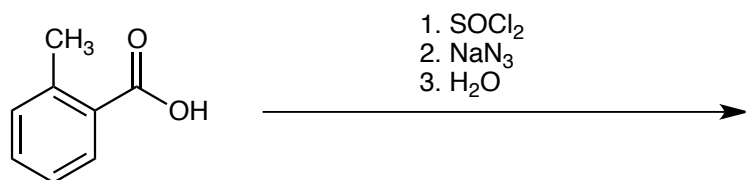
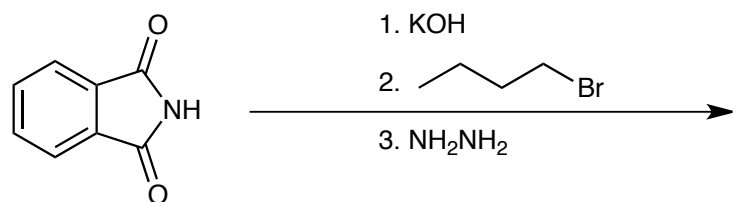
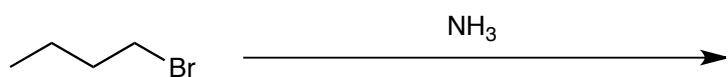
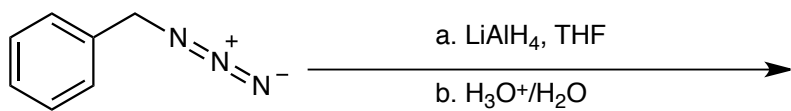
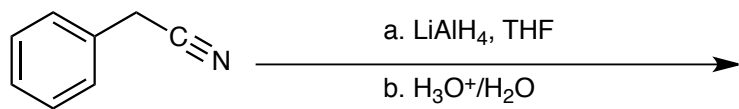
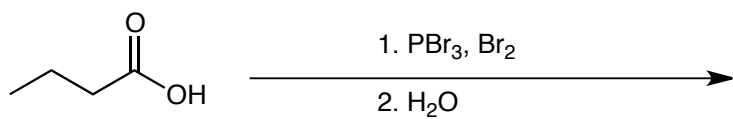
1. NaOEt , EtOH

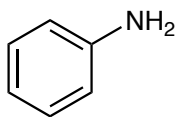
2. CH_3Br

3. $\text{NaOH}/\text{H}_2\text{O}$

4. $\text{H}_3\text{O}^+/\text{H}_2\text{O}$, heat

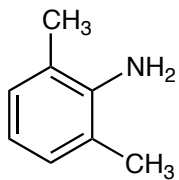
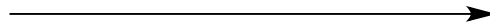






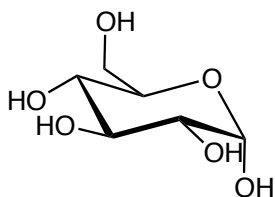
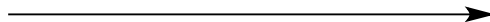
1. HNO_2 , H_2SO_4

2. CuCN

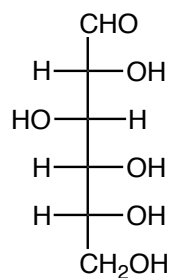
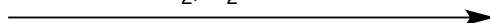


1. HNO_2 , H_2SO_4

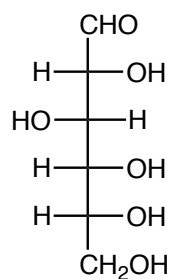
2. H_3PO_2 or ethanol



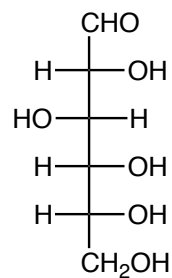
Br_2 , H_2O



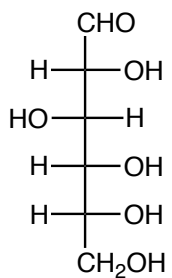
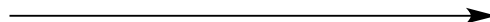
CuSO_4 , sodium citrate



AgCl , $\text{NH}_3/\text{H}_2\text{O}$

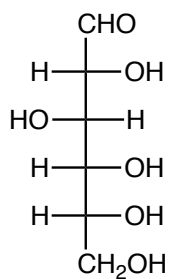


HNO_3

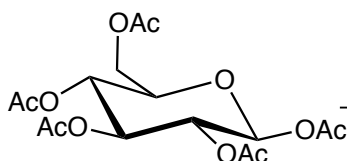
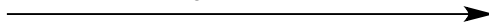
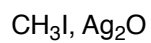
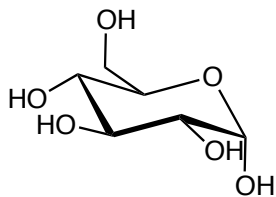
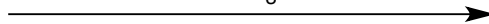


1. NaCN
2. H_3O^+
3. H_2 , Pd/BaSO_4
4. $\text{H}_3\text{O}^+/\text{H}_2\text{O}$

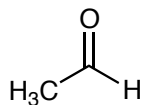
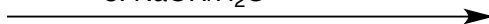




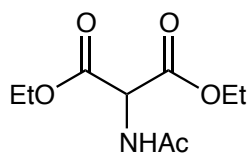
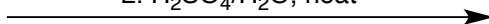
1. NH_2OH , $-\text{H}_2\text{O}$
2. $(\text{CH}_3\text{CO})_2\text{O}$
3. NaOCH_3



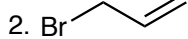
1. HBr
2. $\text{Ag}_2\text{O}, \text{CH}_3\text{CH}_2\text{OH}$
3. $\text{NaOH}/\text{H}_2\text{O}$



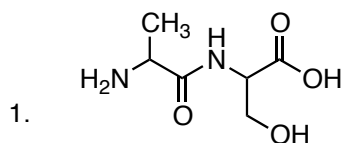
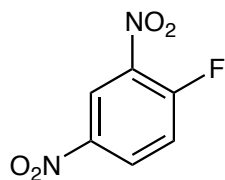
1. $\text{NH}_4\text{Cl}, \text{NaCN}$
2. $\text{H}_2\text{SO}_4/\text{H}_2\text{O}$, heat



1. $\text{NaOEt}, \text{EtOH}$



3. $\text{H}_3\text{O}^+/\text{H}_2\text{O}$, heat



2. $\text{H}_3\text{O}^+/\text{H}_2\text{O}$

