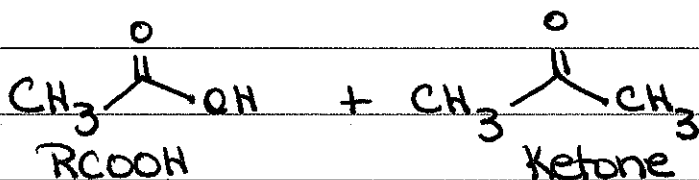
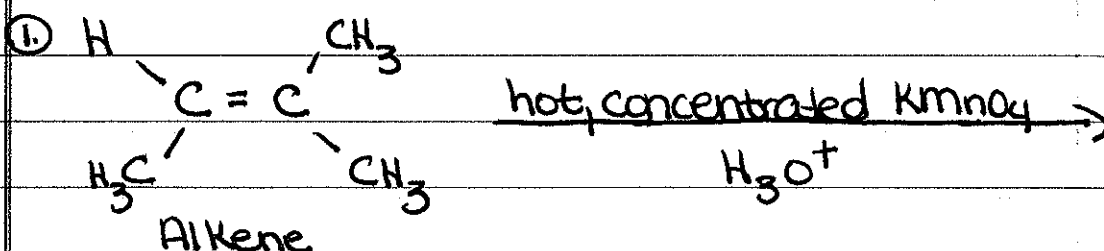
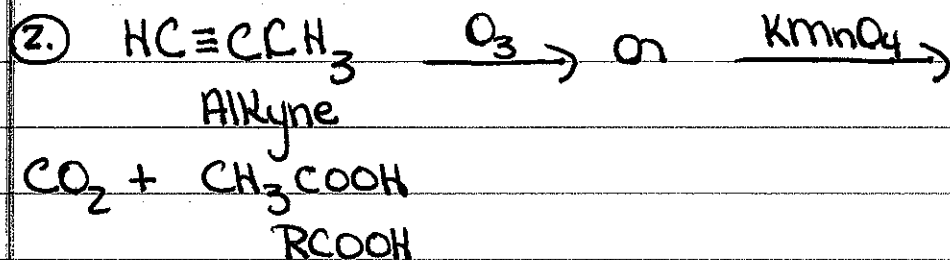


## \* Chapter 17 Rxns

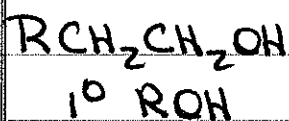
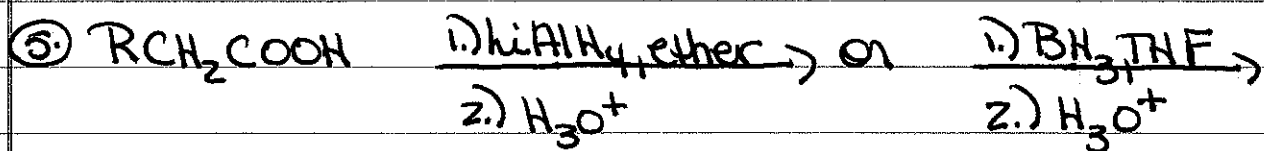
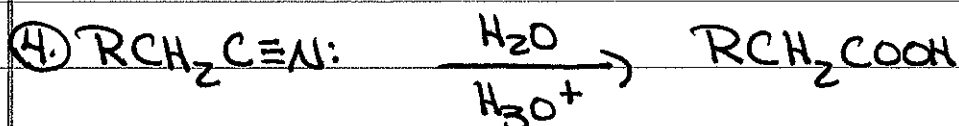
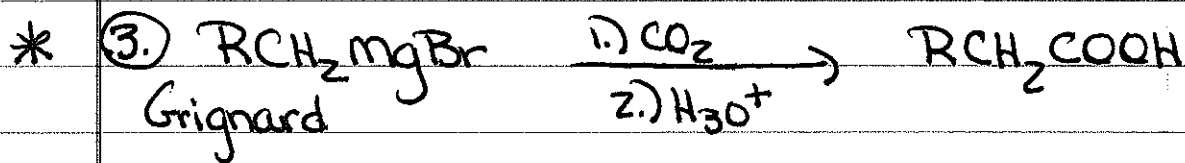
\* = mechanism was shown  
Mechanisms are shown on answer sheets  
of worksheets



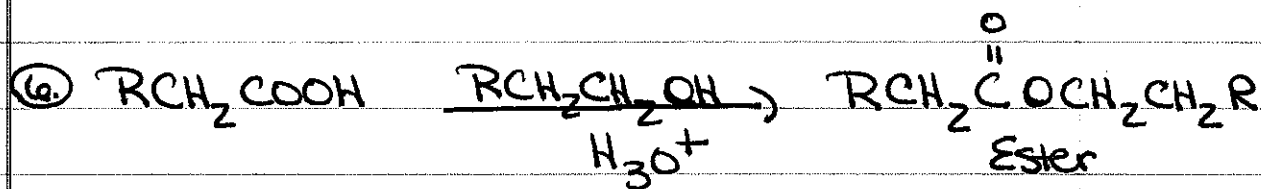
Oxidation: old rxn not shown in organic I  
rxn notebook / list



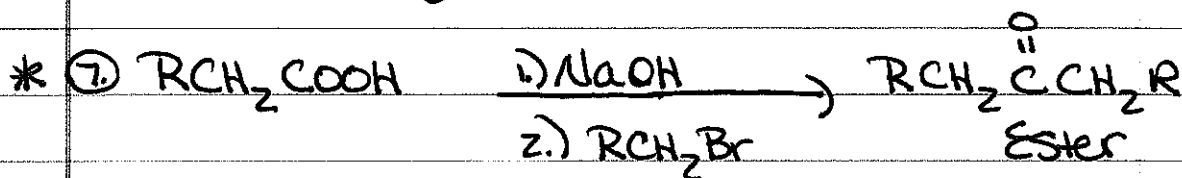
Oxidation: old rxn not shown in organic I rxn list



Reduction

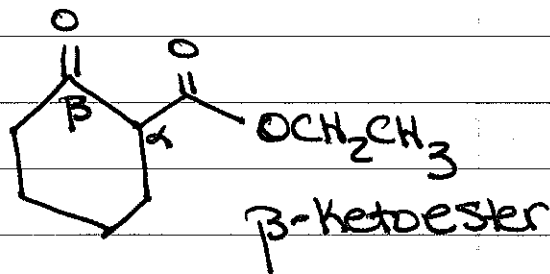
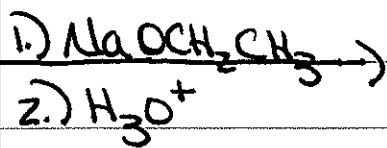
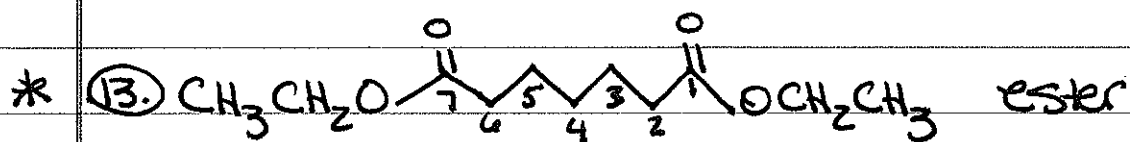


Fischer Esterification



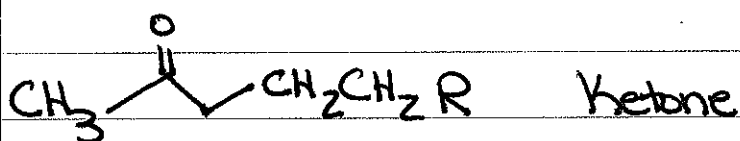
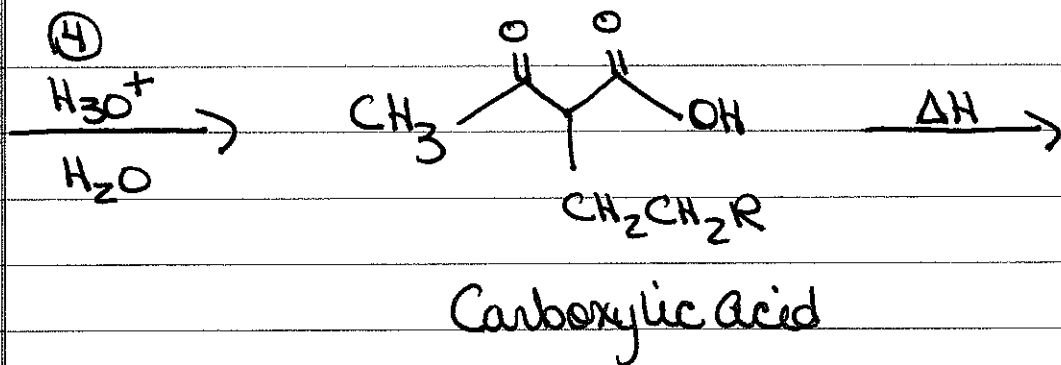
Esterification by  $\text{S}_{\text{N}}2$





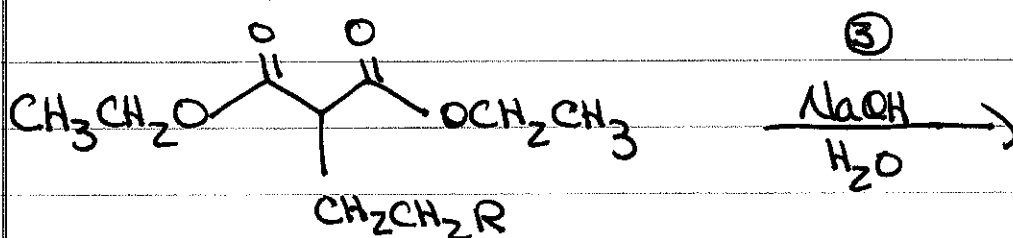
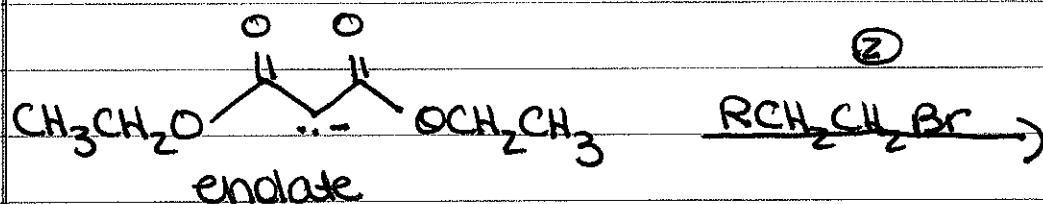
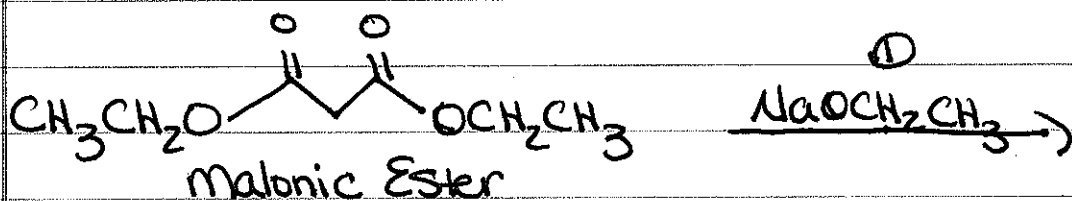
Intramolecular Claisen Condensation =  
 Dieckmann Condensation: 1,7-Diester =  
 6 membered ring: 1,6-Diester = 5 membered ring



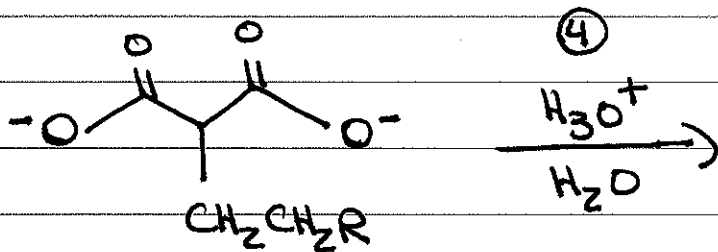


\* ⑮ Malonic Ester Synthesis

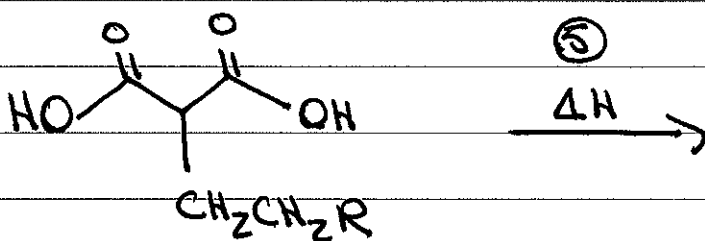
Steps: Same as acetoacetic ester



Alkylated



Carboxylate



Carboxylic Acid

