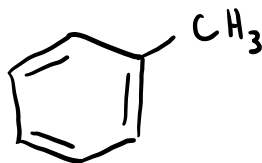
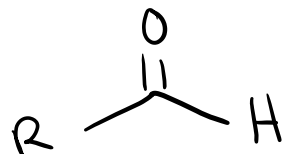


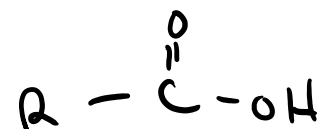
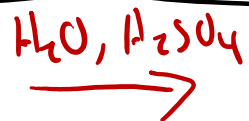
# Carboxylic Acids

2/22/2023

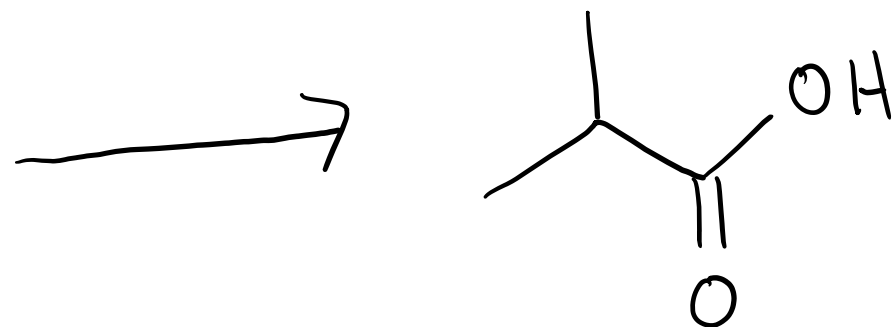
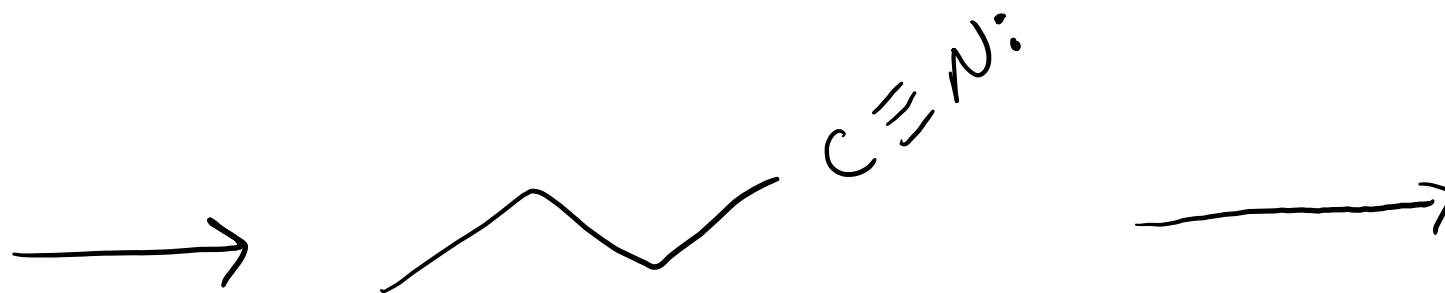
# Synthesis of Carboxylic Acids



★ only new one ★  
hydrolysis of nitriles!

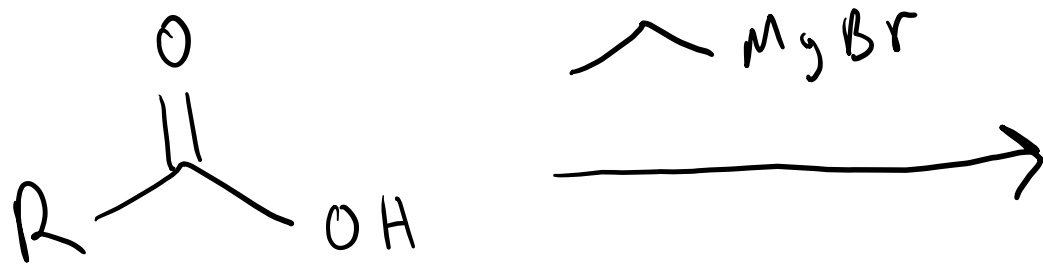
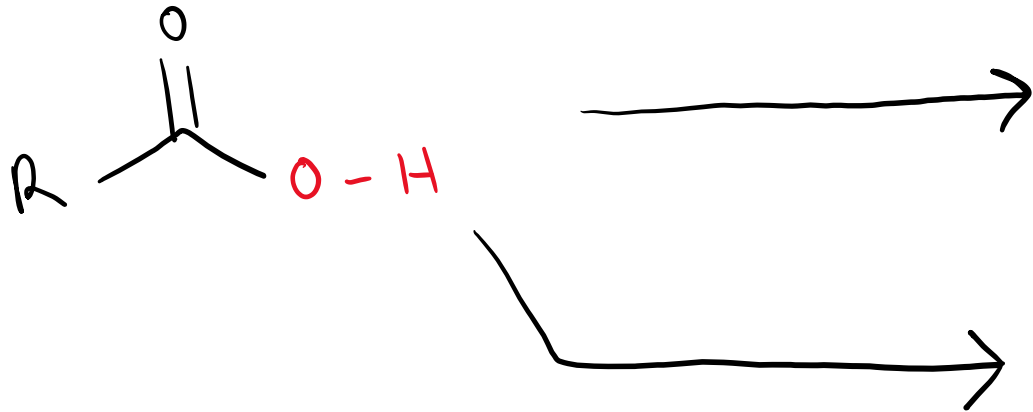


# Synthesis of Carboxylic Acids via Nitriles



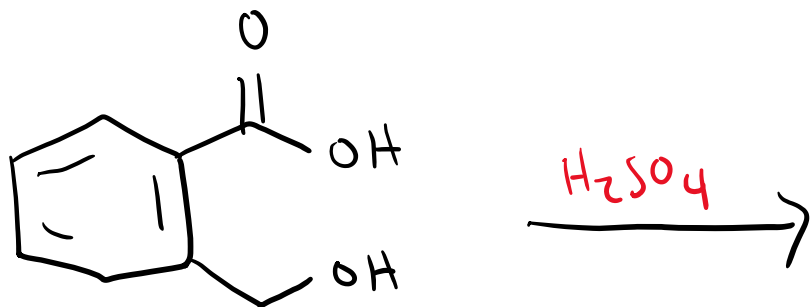
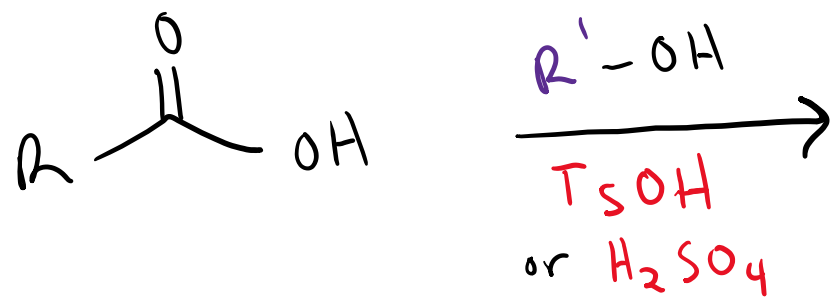
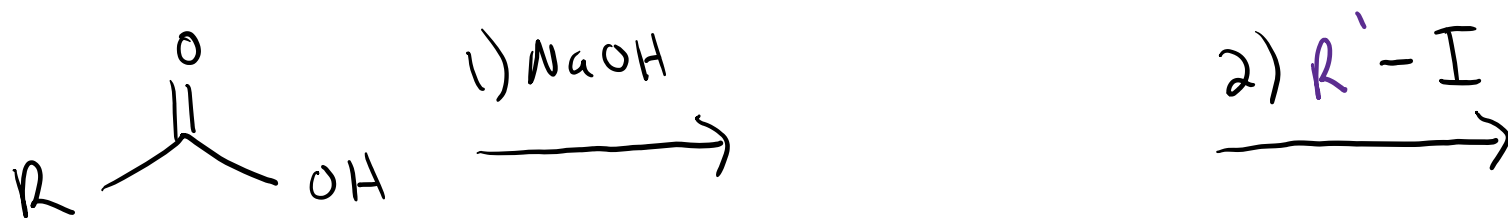
# Reactivity of Carboxylic Acids: Acid-Base

(20.5)

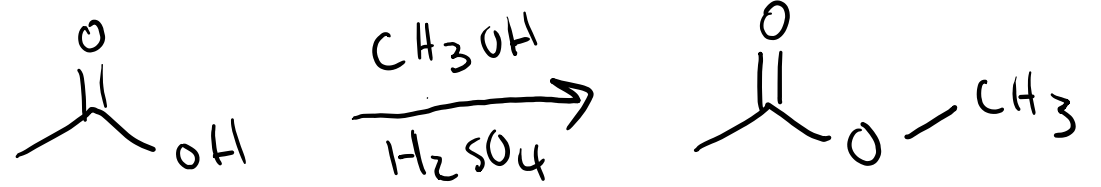
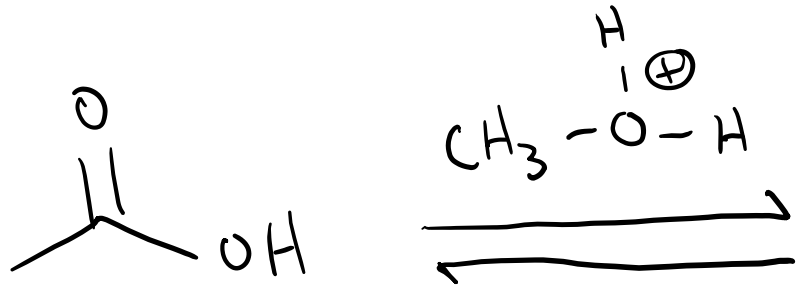


# Reactivity of Carboxylic Acids: Forming Esters

(20.10)

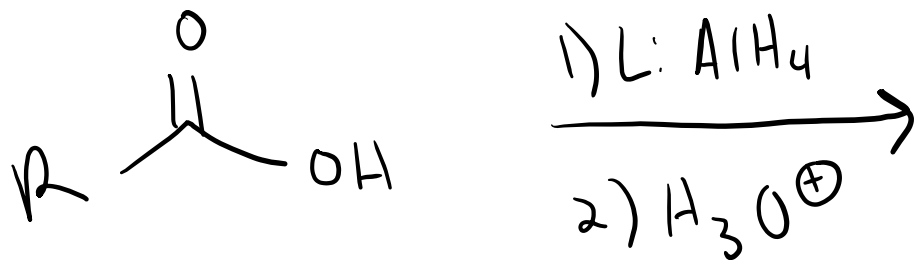


# Fischer Esterification: Mechanism



# Reduction of Carboxylic Acids

(20.5)



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Mechanism:

# Selective Reduction of Carboxylic Acids

(20.5)

