

* Reactions of Carboxylic Acids Warm-up + Application Answers

① 1°ROH : LiAlH_4

② Hydride (H^-): Carbonyl C ($\text{C}=\text{O}$)

③ $\text{ROH} + \text{H}_3\text{O}^+$: H_3O^+

④ $\text{NaOH} + \text{RX}$: Carboxylate Ion

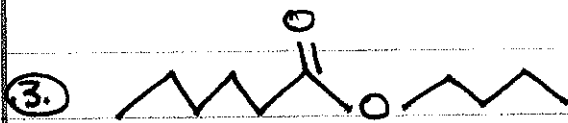
⑤ $\text{CH}_2\text{N}_2 + \text{ether}$: Carboxylate Ion

⑥ Methyl Esters

⑦ $\text{SOCl}_2 + \text{pyridine}$: Chlorosulfite + tetrahedral

⑧ 2 moles of organolithium: Hydrate (Gem Diol)





Mechanism
for lab
Purposes

