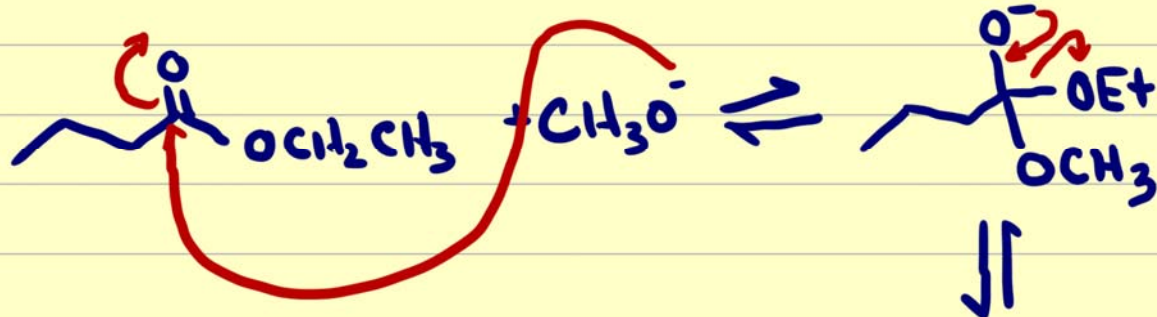


b) How ABOUT BASE CATALYSIS ?

-YES

FOR EXAMPLE

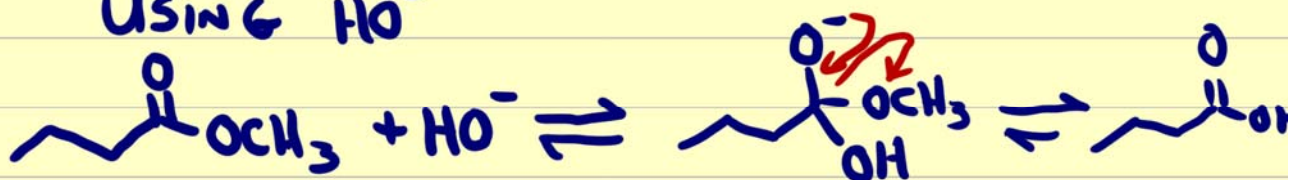


TRANSESTERIFICATION



- WOULD USE MeOH AS SOLVENT TO PUSH EQM. TO PRODUCT SIDE

PARTICULARLY GOOD FOR MAKING ACIDS USING HO^-



EQUILIBRIUM FAVOURS CARBOXYLATE

WHEN REACTION IS DONE, POUR EVERYTHING INTO H_3O^+ TO GET CARBOXYLIC ACID

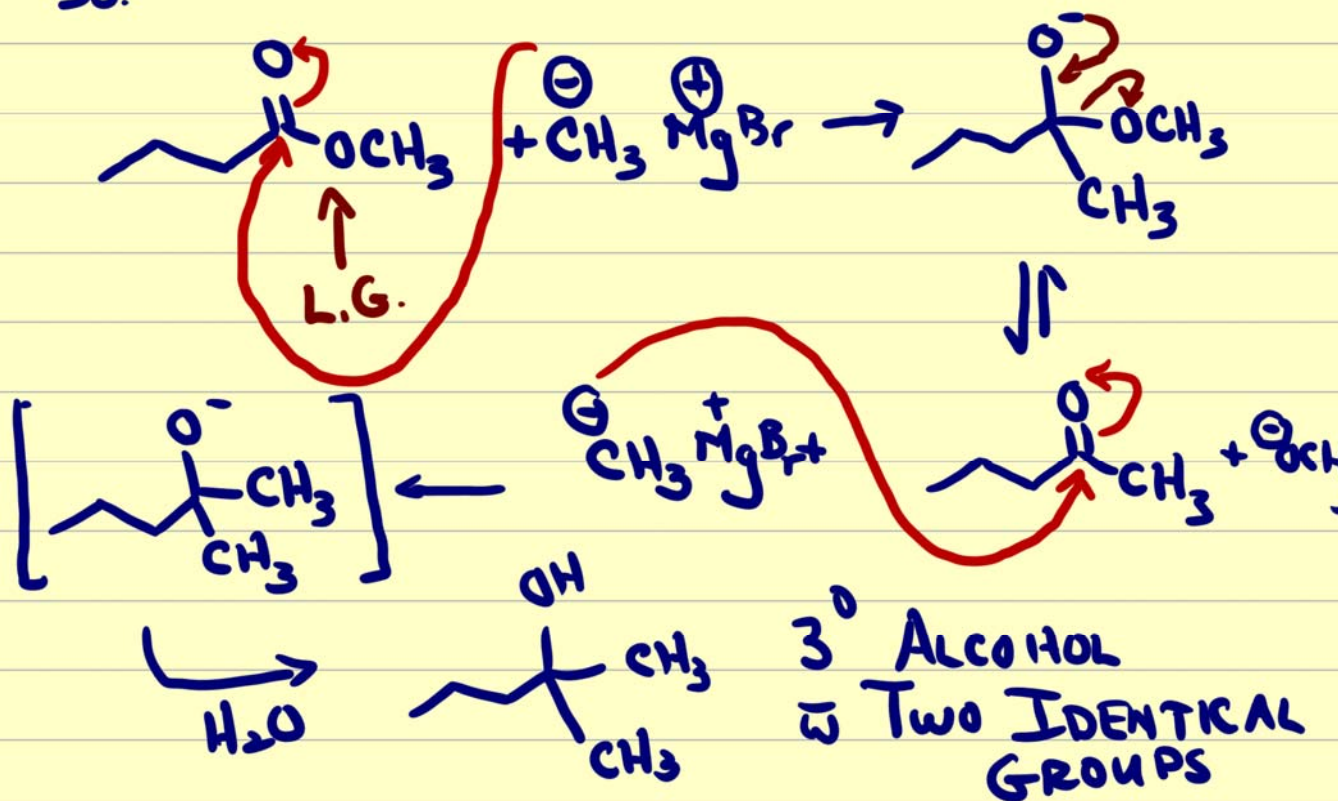


V. EASY; OFTEN CALLED SAPONIFICATION

CARBON, H^- NUCLEOPHILES WITH ESTERS.

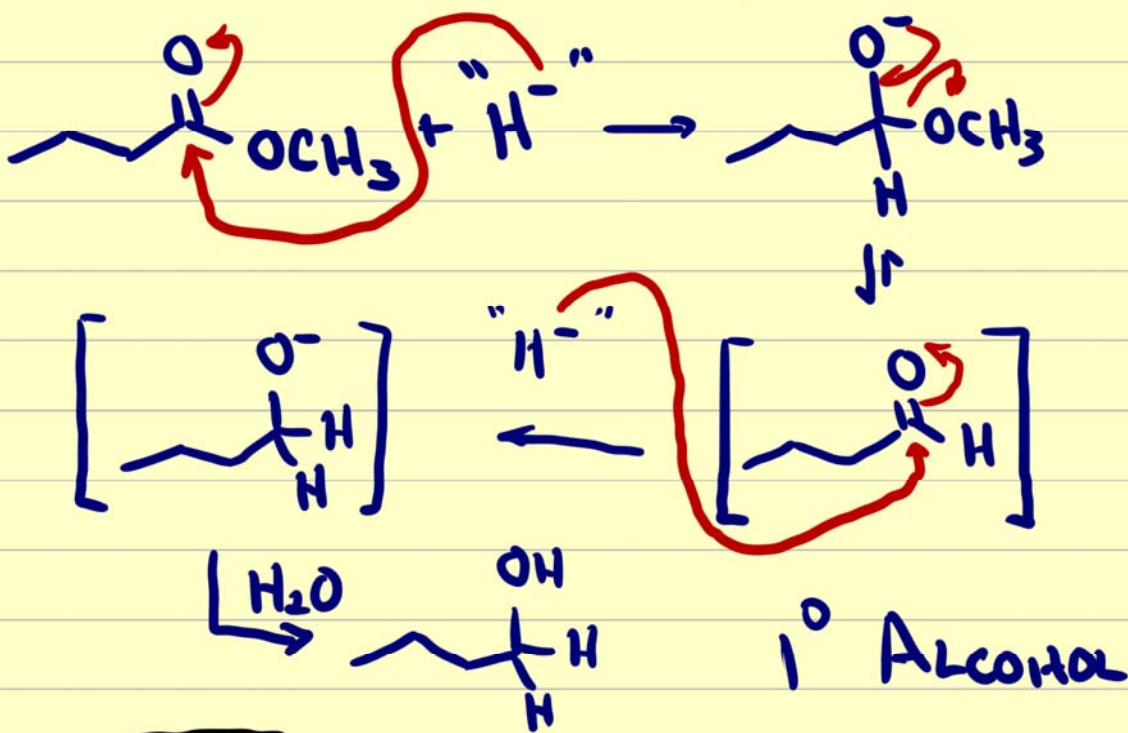


So.



BECAUSE
KETONE IS MORE REACTIVE TO ADDN
THAN ESTER

HYDRIDE (H^-) \leftarrow $NaBH_4$ MILD
 \leftarrow NOT REACTIVE ENOUGH
 \leftarrow $LiAlH_4$ REACTIVE
 \leftarrow OH YES.



THE END.