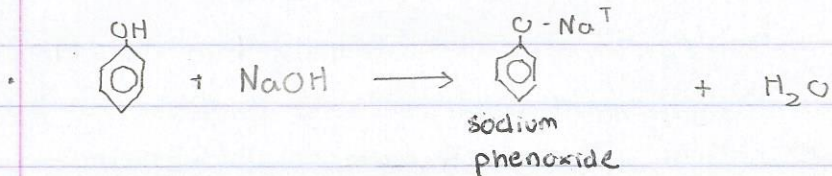


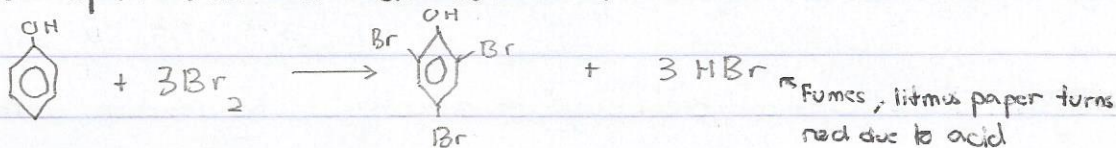
17/1 Chemistry A2 Reactions

PHENOLS:

- form weak acidic solutions - $C_6H_5OH + aq \rightleftharpoons C_6H_5O^- + H^+$



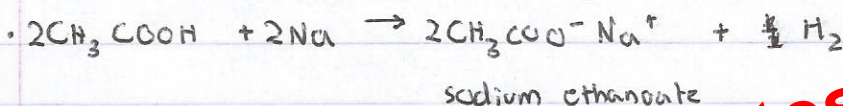
- electrophilic substitution at room temp ↓



orange \rightarrow white precipitate

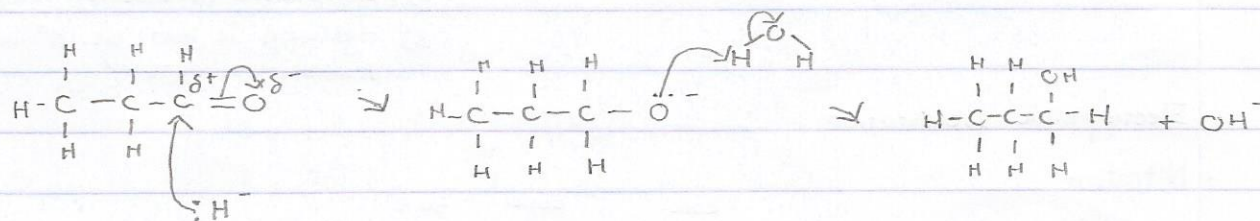
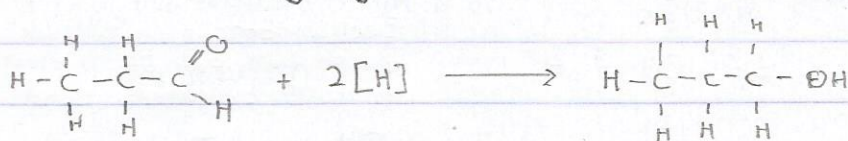
CARBOXYLIC ACID

- weak acid which forms carboxylate salts



ALDEHYDES & KETONES

- NaBH₄ as reducing agent in nucleophilic addition ↓, heated
 For ketone + aldehydes



ESTERS

- Acid catalyst for esterification, Conc H₂SO₄

