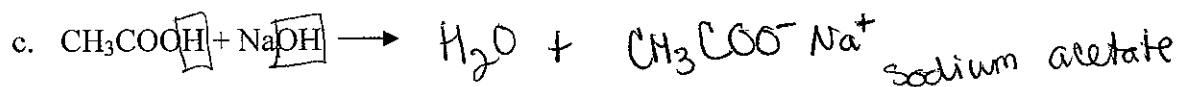
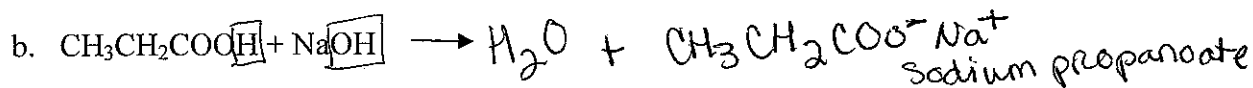
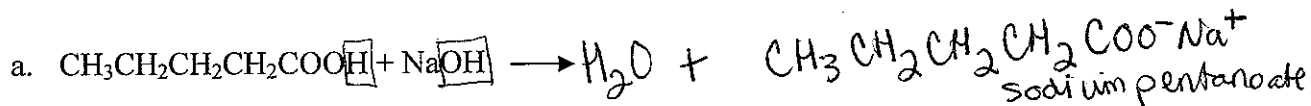
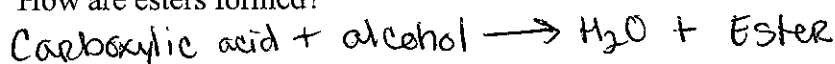


7) Give the products for the following.



8) How are esters formed?



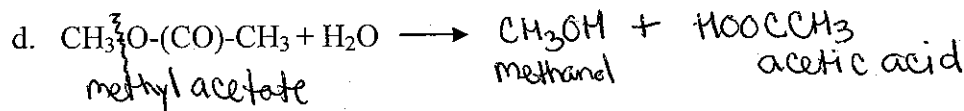
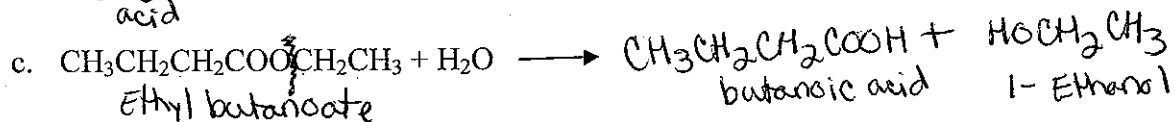
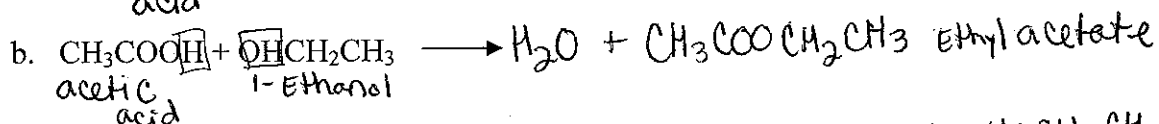
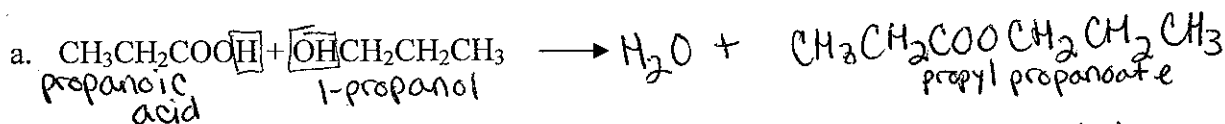
9) How do esters and acids differ?

Esters have a (CO)-O-R' linkage; acids have a -COOH linkage

10) What acid and alcohol are required to make $\text{CH}_3\text{CH}_2\text{CH}_2\text{COOCH}_2\text{CH}_3$?

butanoic acid Ethanol

11) Name and give the products of the following reactions.



12) Esterification is also called Condensation Reaction

13) Esters, and not carboxylic acids, can hydrogen bond. True/False