

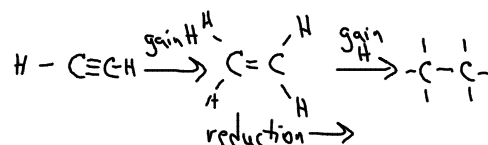
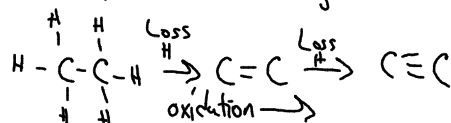
Ch 26 HW: Sec Rev 13-15, 34ac, 35, 37, ab, 39bc
 Sec 26.3
 obj: Write Redox Reactions and identify
 esters.

Oxidation-Reduction Rxns w/ Organic Compounds

- Deal w/ the gaining of an oxygen or
 loss of a Hydrogen.

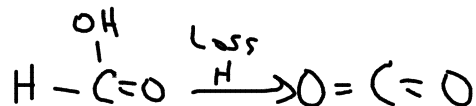
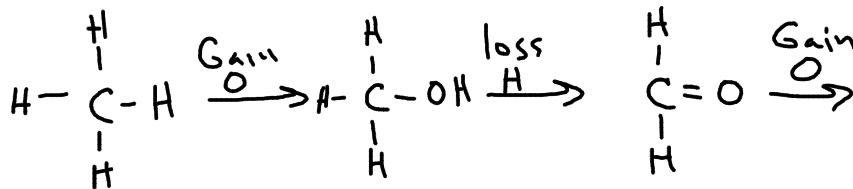
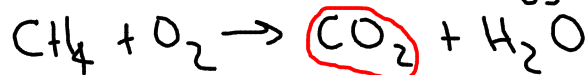
- Dehydrogenation Rxn is a redox reaction
 when there is a loss of a Hydrogen.

* Alkanes oxidize into Alkenes + Alkenes
 oxidize into an Alkyne.



Jan 19 - 12:49 PM

- Oxidation-Reduction w/ Oxygen.



- Alcohols oxidize into Aldehydes +
 Ketones

* Primary Alcohols \rightarrow Aldehydes

* Secondary Alcohols \rightarrow Ketones

Dec 20 - 11:37 AM

- Aldehydes oxidize into carboxylic Acids.
- * Ketones will not oxidize into carboxylic Acids

Esters

- Compounds that have a carbonyl group and a hydroxyl group whose hydrogen has been replaced by an alkyl group.

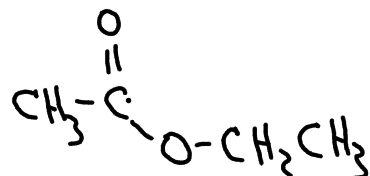
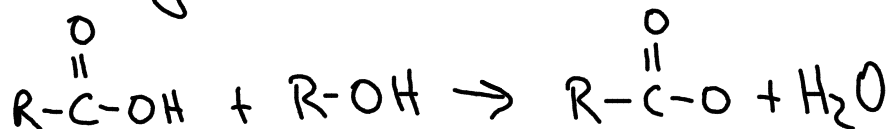


- Has characteristics of both Aldehydes & ethers.

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- Esters can be hydrolyzed to produce a carboxylic acid + an alcohol.

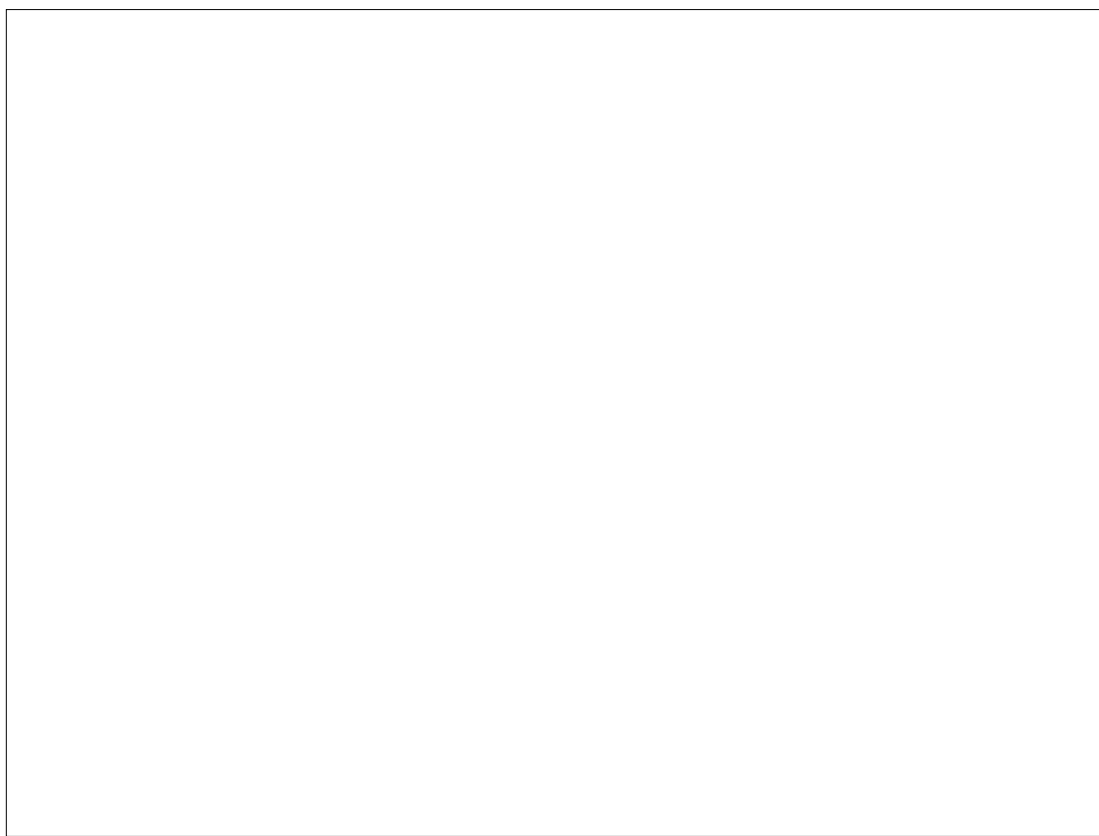
- Artificial esters are produced w/ a carboxylic acid + an alcohol.



ethyl acetate

ethyl ethanoate

Dec 20 - 11:56 AM



Dec 17-6:52 AM