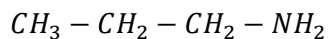


C11 - 6.5 - Amines/Amides/Carboxylic Acids/Esters/Ethers Notes

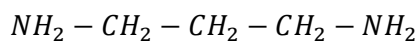
Amines: an Organic Compound with NH_2 attached

Naming: amino 'ethane'

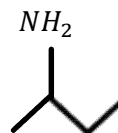
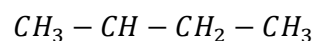
aminopropane



1,3 - diaminopropane



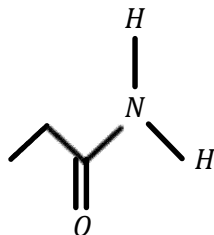
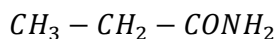
2 - aminobutane



Amides: an Organic Compound with CONH_2 attached

Naming: ame \rightarrow amide

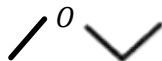
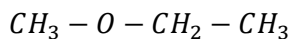
propanamide



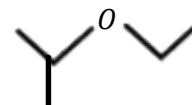
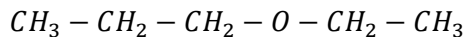
Ethers: an Organic Compound with an 'O' attached to two hydrocarbon groups

Naming: Smaller # side prefix 'oxy' Larger # Side ethane

methoxyethane

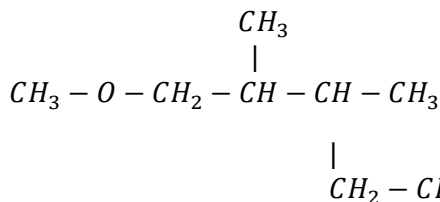


2 - ethoxypropane

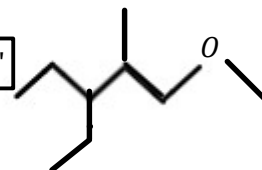


"methyl ethyl ether"

3 - ethyl - 1 - methoxy - 2 methylpentane ?



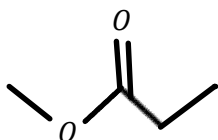
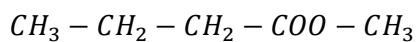
Count away from the 'Group'



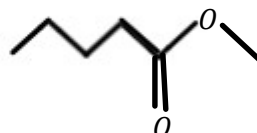
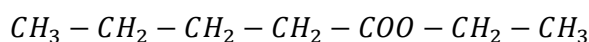
Esters: an Organic Compound with an COO attached to two hydrocarbon chains

Naming: Smaller # side ethyl, Larger # Side (inc C in COO)ethane e \rightarrow oate

methyl propanoate



ethyl pentanoate



ether + keytone