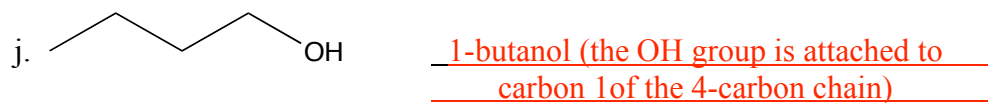
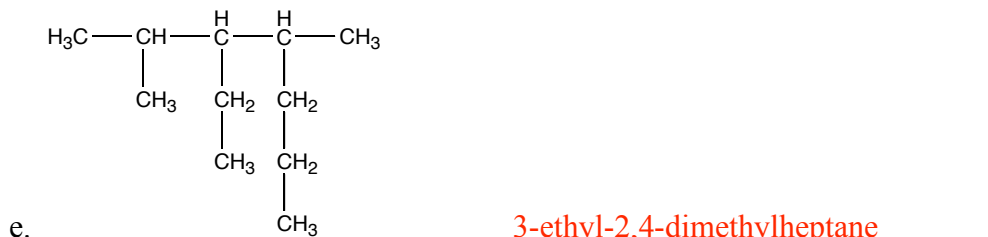
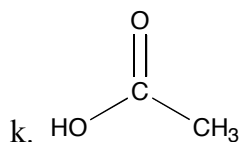


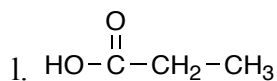
Chem 1020 Fall 2006  
Organic chemistry naming and drawing worksheet

1. Name these following organic compounds:

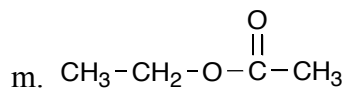




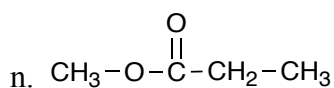
ethanoic acid



propanoic acid



ethyl ethanoate



methyl propanoate

2. Draw the structures of the following organic compounds as both line structures and structural formulas (with  $\text{CH}_3-\text{CH}_2-$  etc.)

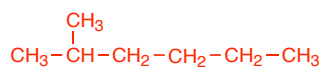
a. heptane



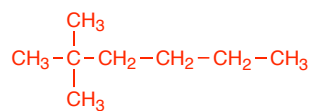
b. propane



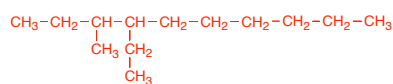
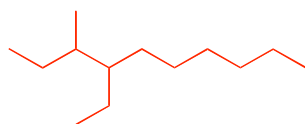
c. 2-methylhexane



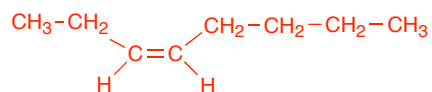
d. 2,2-dimethylhexane



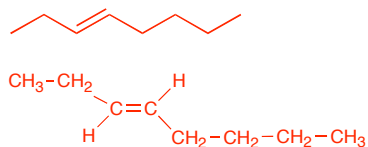
e. 4-ethyl-3-methyldecane



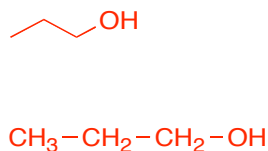
f. *cis*-3-octene



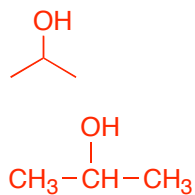
g. *trans*-3-octene



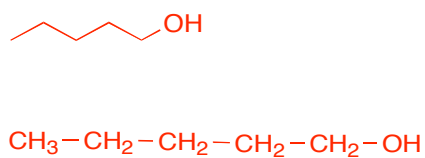
h. 1-propanol



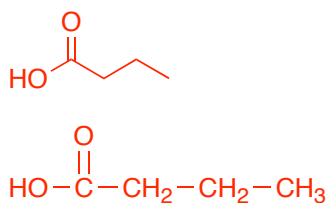
i. 2-propanol



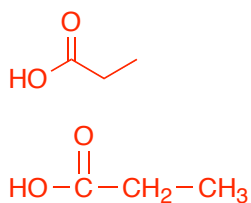
j. 1-pentanol



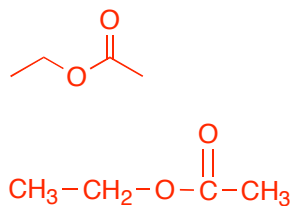
k. butanoic acid



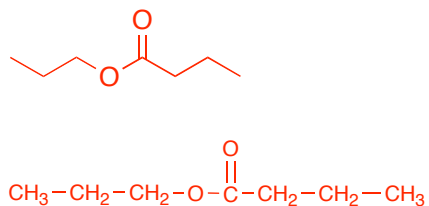
l. propanoic acid



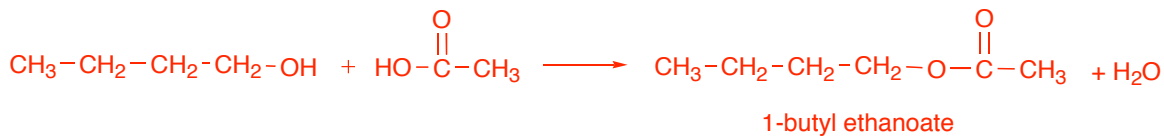
m. ethyl ethanoate



n. propyl butanoate



o. The ester formed when 1-butanol and ethanoic acid react



p. The ester formed when ethanol and butanoic acid react

