Date: \_\_\_\_\_

1. For each molecule circle and name the functional group. Some molecules may have more than one functional group; in those cases, circle and name all functional groups present (ex. alcohols, ethers, aldehydes, ketones, carboxylic acids, esters, amines, and amides).

a. CH<sub>3</sub>CH<sub>2</sub>OH

b. \_\_\_\_\_\_

f.

g.

h. но о

j. CH<sub>3</sub>COOH

k. HO 0

1. m.

n.

o. NH

 $\ \ \, \hbox{2. Draw the following structures:}$ 

a. 3,3,4-trimethyl-2-pentanol

b. 3-methyl-2-butanol

c. 2,4,6-trichloro-3-hexanol