

Homework Answers:

5.8  $1^\circ, 2^\circ, 3^\circ$  - determined by # of carbon attached to carbon w/ hydroxyl.

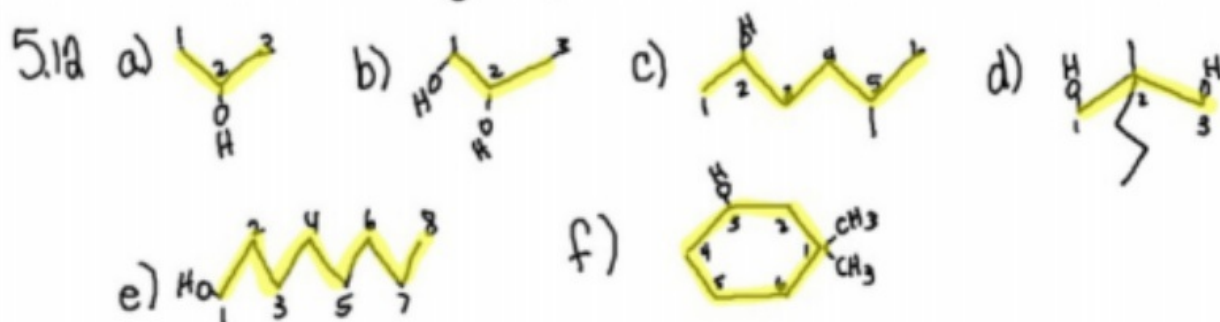
5.9 c and d

5.10 a)  $3^\circ$  b)  $3^\circ$  no  $1^\circ$

5.11 a) pentanol b) 1,3-propanediol c) 1,2-butane diol

d) 3-methyl-1-butanol e) 1,2-cyclohexane diol

f) 2,6-dimethyl cyclohexanol



5.40 a) ethyl isopropyl ether b) dibutyl ether c) diphenyl ether

5.41 a) 2-butane thiol b) butane-thiol c) cyclohexane-thiol

