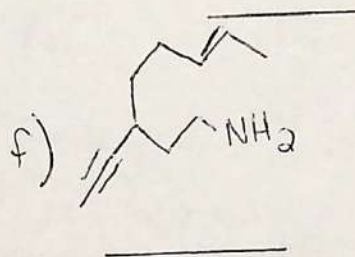
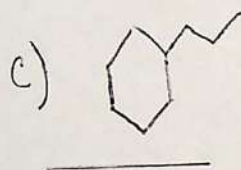
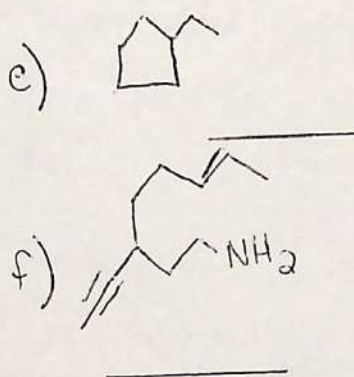
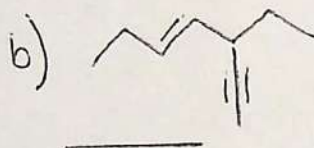
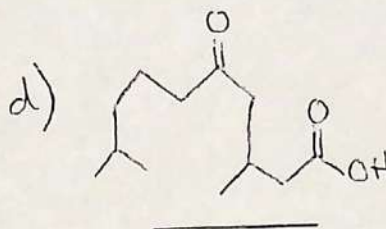
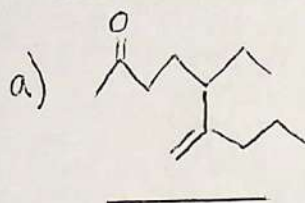


Name: _____ Date: _____ Pd: _____

Nomenclature Practice WS #2:

Stereoisomerism	Substituents	Parent Chain	Unsaturation	Functional Group
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1. For the following molecules, circle the parent chain and write the appropriate root name on the line below the molecule.



2. The prefixes for the root name of the **parent chain** are as follows:

a. 1 = _____

f. 6 = _____

b. 2 = _____

g. 7 = _____

c. 3 = _____

h. 8 = _____

d. 4 = _____

i. 9 = _____

e. 5 = _____

j. 10 = _____

3. For **substituents** we add _____ at the end of the number of carbons that are attached.

4. When the following functional groups **are substituents** we use these names:

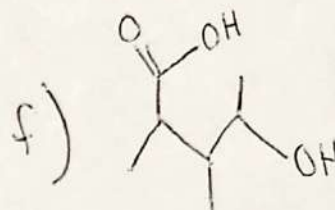
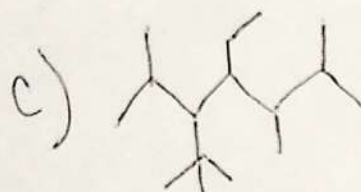
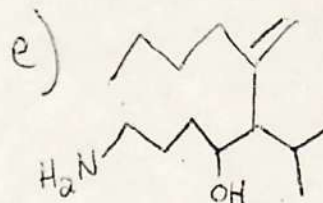
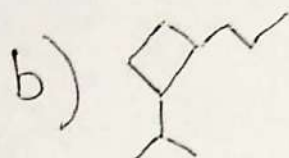
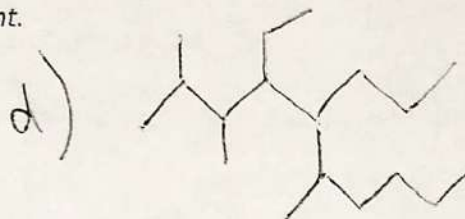
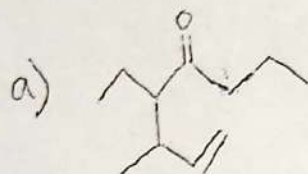
a. alcohol = _____

c. amine = _____

b. ketone = _____

d. aldehyde = _____

5. For the following molecules, circle, then write the name for each substituent. Make sure to include prefixes for multiple numbers the same substituent.



Putting everything together....

6. Label the functional group(s) in each molecule. Place the correct suffix for the functional group on the 4th line. Place the correct level of unsaturation for single, double, and/or triple bonds on the 3rd line. Place the root name for the parent chain on the 2nd line. Place the names of the substituent(s) on the 1st line.

