

Organic Chemistry Review Sheet

1. List the 10 straight chain alkanes by name (i.e. methane).
2. How do an ester & an amide differ? How is their formation similar (*read pages 237 & 238*)?
3. What are isomers?
4. Name & draw the isomers of C_6H_{14} . How many are there?
5. How do amino acids link together? (making proteins ...)

6. Name the following ...

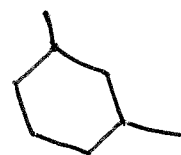
a. _____



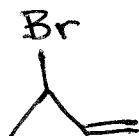
d. _____



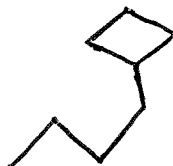
g. _____



b. _____



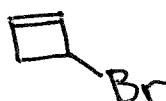
e. _____



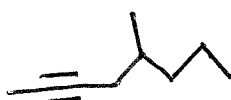
h. _____



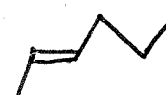
c. _____



f. _____



i. _____



7. Draw the following ...

a. 2,2,6-trifluorooctane

d. benzene

b. 1,1-dichloro-2,2-difluoropropane

e. propyne

c. 1,2,3-trichloro-1,3-butadiene

f. para-dichlorobenzene