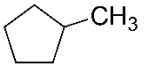
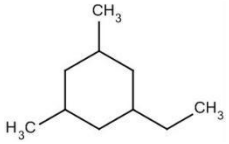
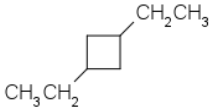
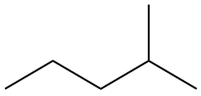
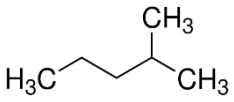
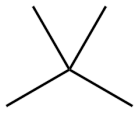
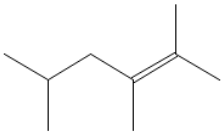
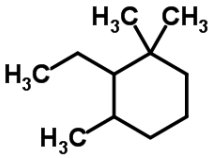
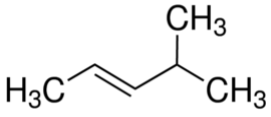
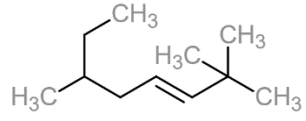
Mr. Gunstenson
Chemistry 30
MS 3 – Question Set #2

1. Name the following structures:
   a. 
   b.  Name the ethyl group as "1"
   c. 
2. Draw the structures of the following cycloalkanes
   a. 1-ethyl-3-propylcyclopentane
   b. 1,2,2,4-tetramethylcyclohexane
3. Would you expect alkanes to be polar or non-polar? Give two reasons why.
4. Name the following structures:
   a.  Careful… it is the same as 
   b. 
   c. 
   d. 
5. Draw the structure for each of the following:
   a. 3,4-diethylheptane
   b. 4-propyl-3-methyldecane
   c. 1-ethyl-4methylcyclohexane
   d. 1,2-dimethylcyclopropane
   e. 1,3-pentadiene
   f. 4-methyl-1,3-pentadiene
   g. 2,3-dimethyl-2-butene
6. Why is the name 3-butylpentane incorrect?
7. Name the following structures:
   a. 
   b.  Check your longest chain again!