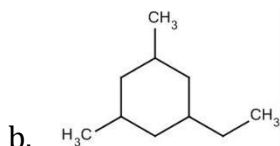
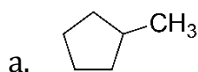
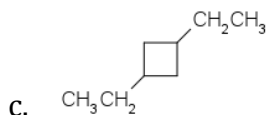


Mr. Gunstenson
Chemistry 30
MS 3 – Question Set #2

1. Name the following structures:



Name the ethyl group as "1"



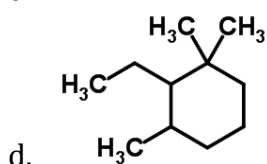
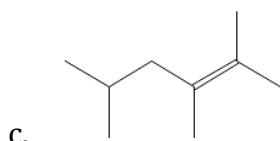
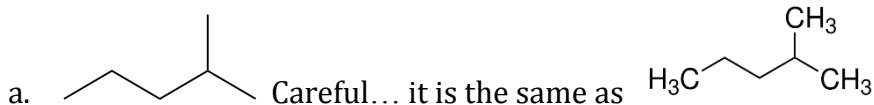
2. Draw the structures of the following cycloalkanes

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:



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:

