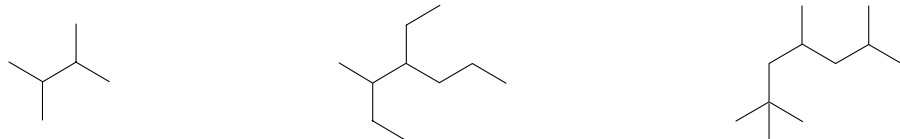


Quiz #2

February 18th, 2008

1) Name the following molecules. (3 points)



2) Provide the structure of the molecules (2 points).

2,3-Dimethyl-butane

2,2,4,6-Tetramethyl-heptane

3) Draw the energetic profile of propane C-C bond rotation. (4 points)

4) Draw the most stable chair conformation of the following molecules. Give the energy difference between the favored chair and the unfavored chair in Kcal/mol (2 points)

