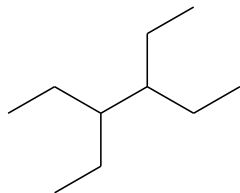


CHEM 3719R – Quiz 5 – February 19, 2015 – NAME \_\_\_\_\_

3 pts. Draw a complete set of Newman Projections for 3,4-diethylhexane, considering rotation about the C3-C4 bond (C3 is the front carbon):

2 pts. Indicate which Newman Projection(s) are LEAST STABLE.



4 pts. Draw the other chair form for (*cis*)-1-isopropyl-4-methylcyclohexane (make sure you "flip" your ring when you draw the other chair form).

1pt. Indicate which chair form is more stable.

