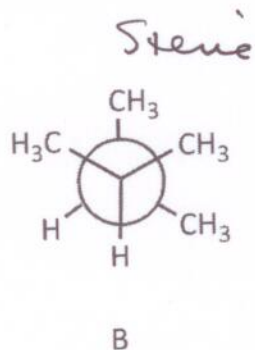
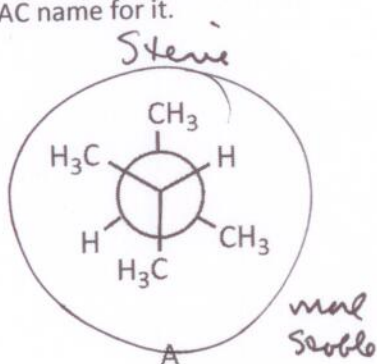


Quiz 4 (50 points)

Name Key

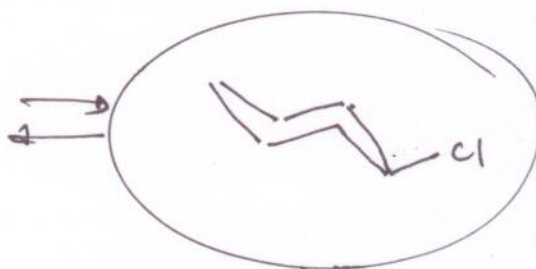
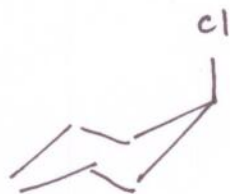
1. Consider the two Newman projections below, A and B. (30 points)

- Indicate which one is more stable (circle it).
- For each conformation, indicate what type of strain is present - *torsional*, *steric*, or *angle* strain.
- Draw the bond-angle (line-angle) drawing of the compound depicted in A and B and provide an IUPAC name for it.



2,3-dimethylbutane

2. For the compound below, draw (clearly) both chair conformations and indicate if one of them is more stable than the other (circle the most stable one). (remember style points!) (20 points)



equatorial is  
more stable