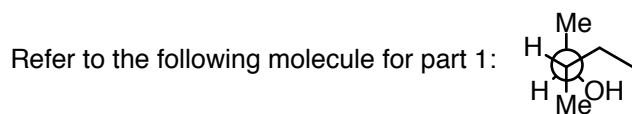
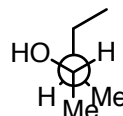
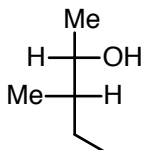
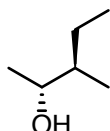


Practice Problems (Newman and Chairs)

PART 1: Newman Projections



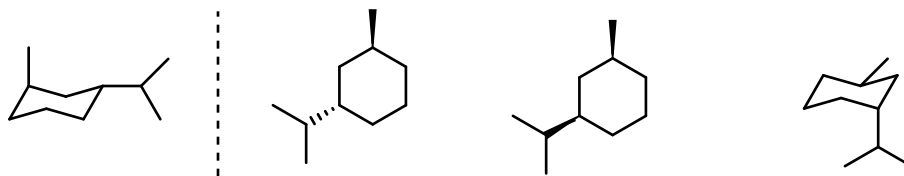
1A. What is the relationship between the molecule (above) and the following compounds. Enantiomers, Diastereomers, or Identical.



1B. Draw the 2 additional Newman projections. Of the 3 Newman projections total, what is the lowest in energy and why?

PART 2: Chair Conformations

2A. What is the relationship between the chair conformation structure on the left to the 3 molecules on the right. Enantiomers, Diastereomers, or Identical



2B. Draw both chair conformations of the following cyclohexane and predict which is lower in energy.

