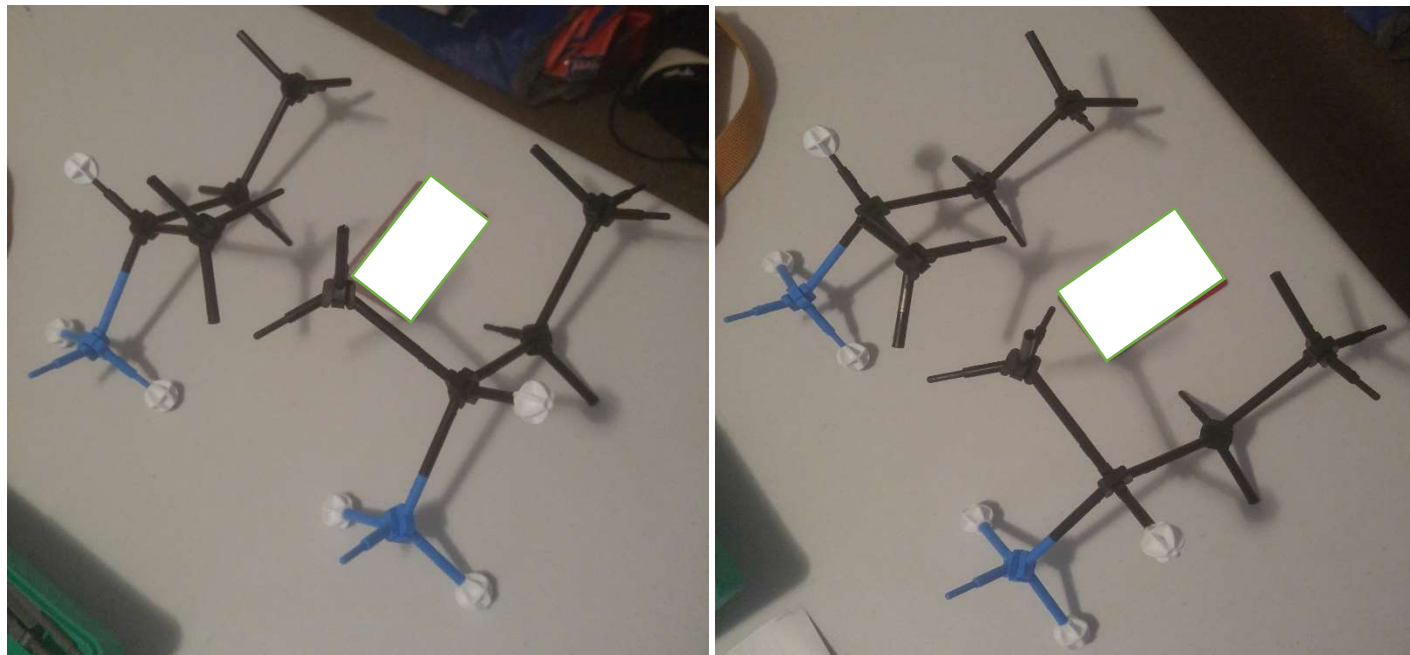


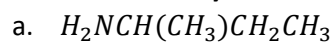
CHM 1321 Stereochemistry and Molecular Models Assignment:

Part A:

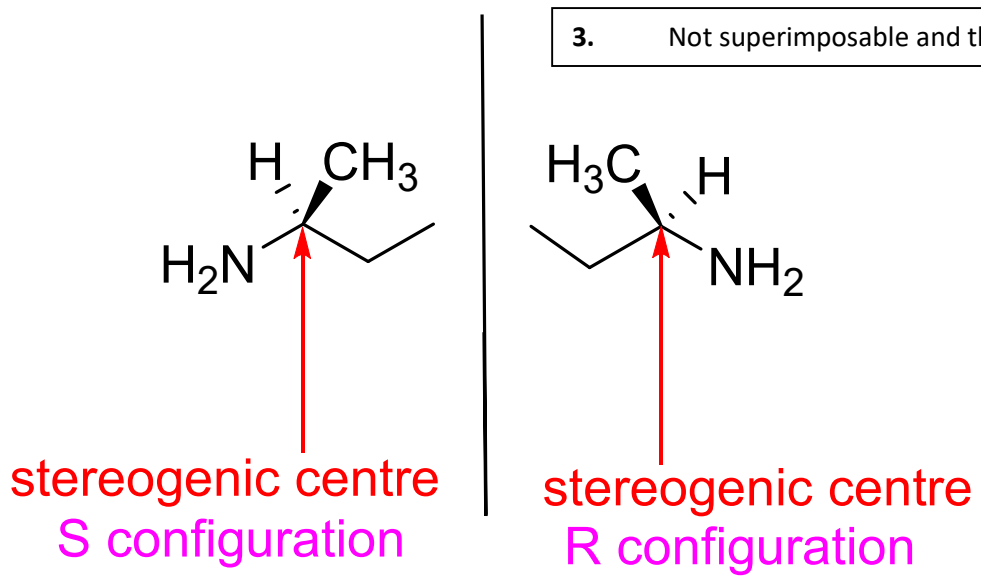
1. A model of molecule A and its mirror image:

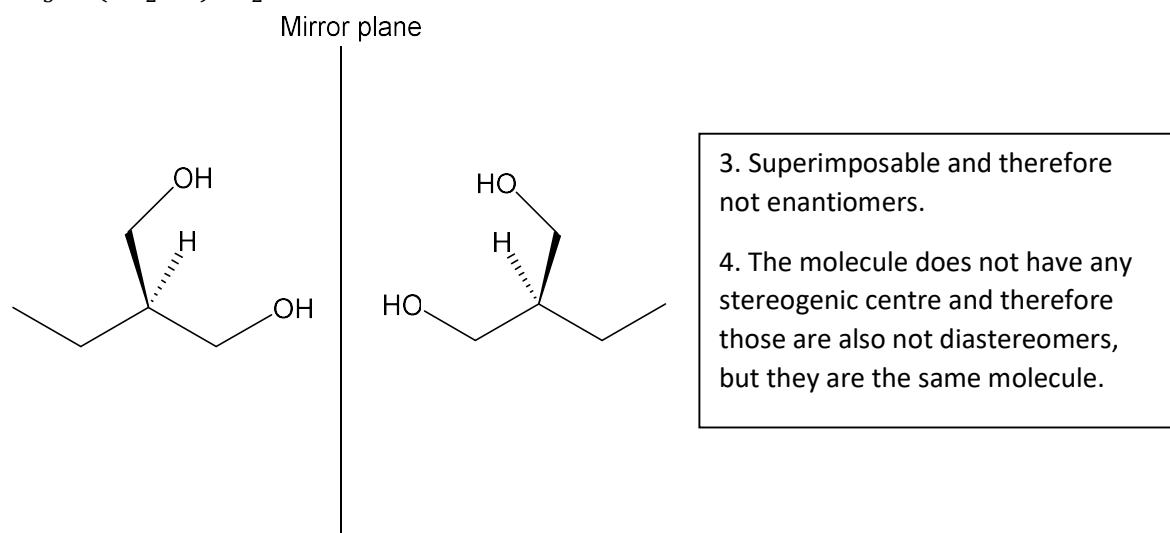
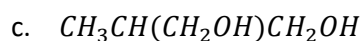
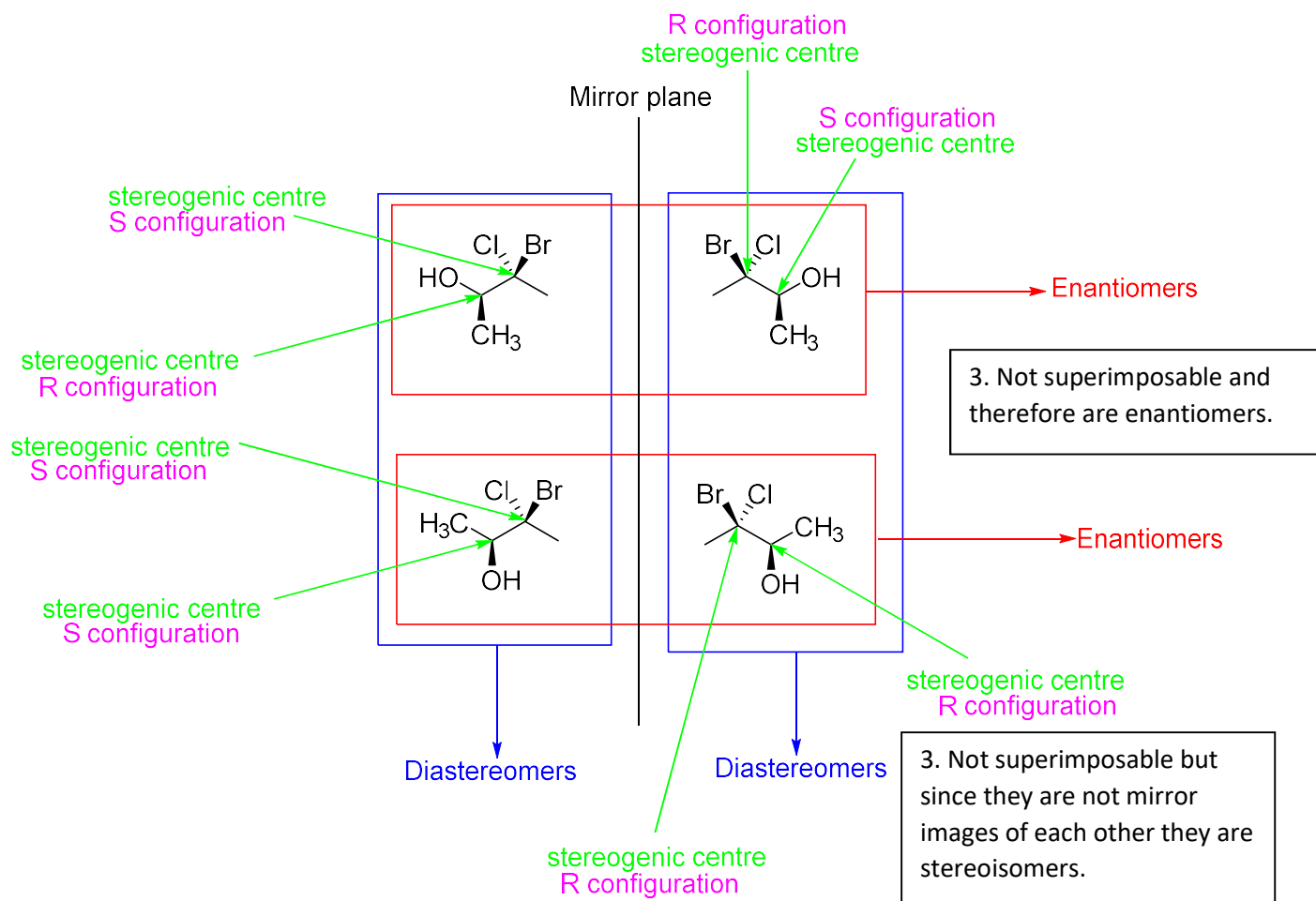
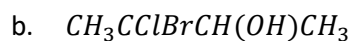


2. Stereochemical analysis:

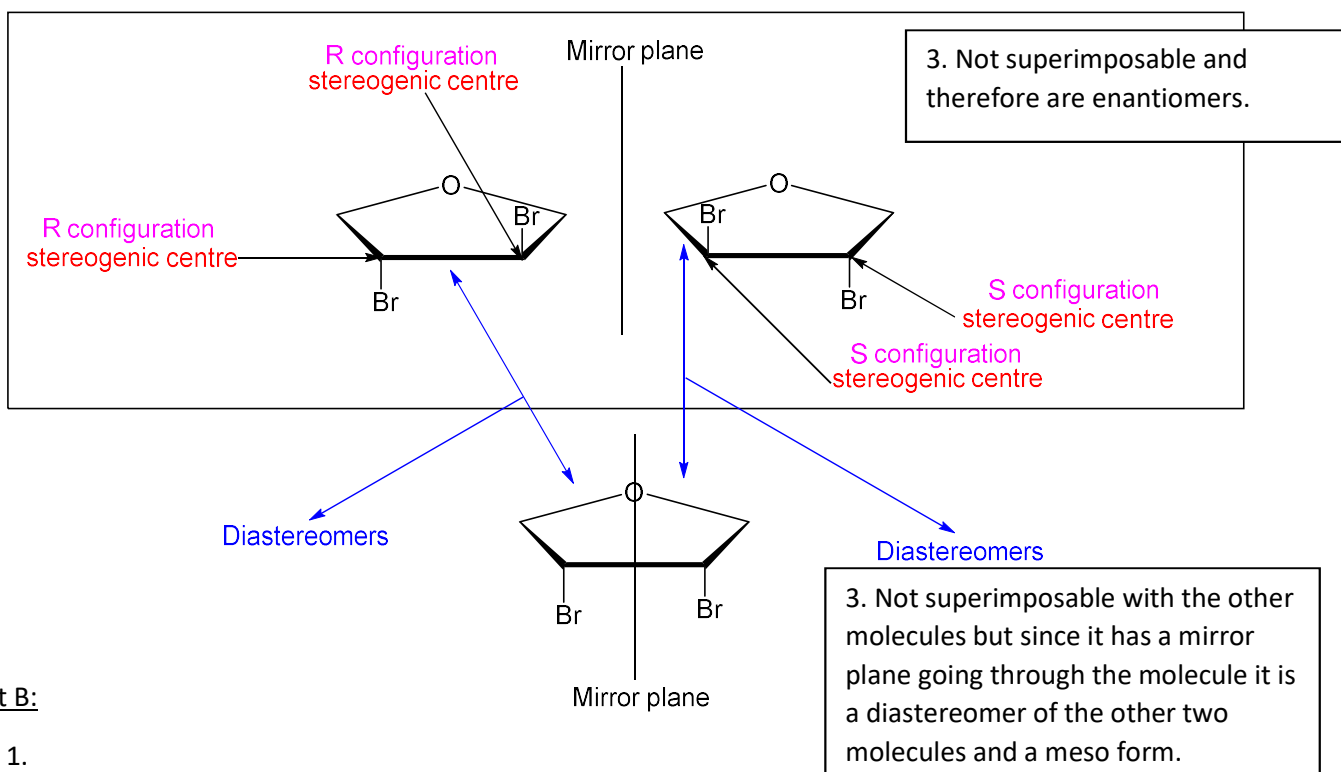


Mirror Plane



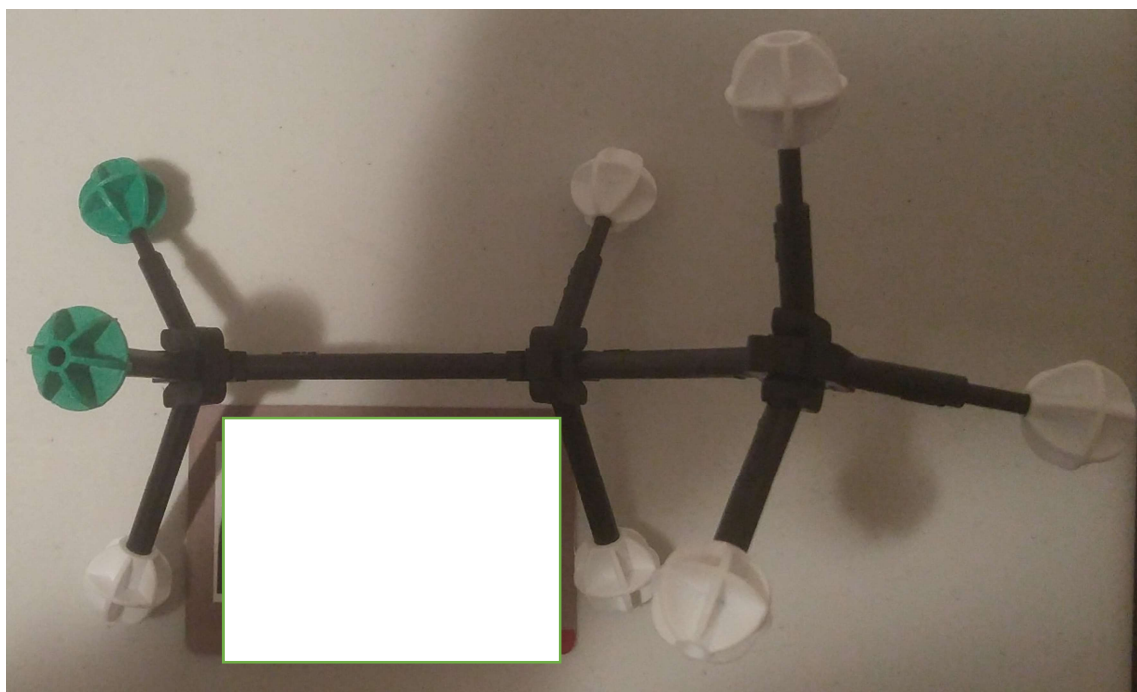


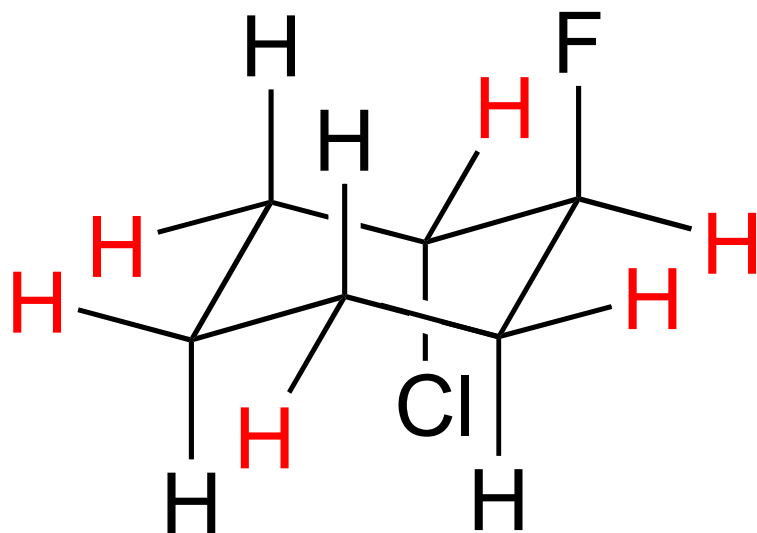
d. 3,4 - Bromocyclopentane



Part B:

1.





In this form the bigger substituents are at axial position and therefore this conformation is less stable.