## Chem 331

Name $\qquad$
Fall 2008
Homework \#4
due: 10 a.m. Mon. Oct 6th

1. (10 points) Label each pair as "diastereomers", "enantiomers", or "same".




2. (10 points) Draw the structure of $\mathbf{B}$, and explain why it was formed.

3. (10 points) Draw an arrow-pushing mechanism for the following transformation.

