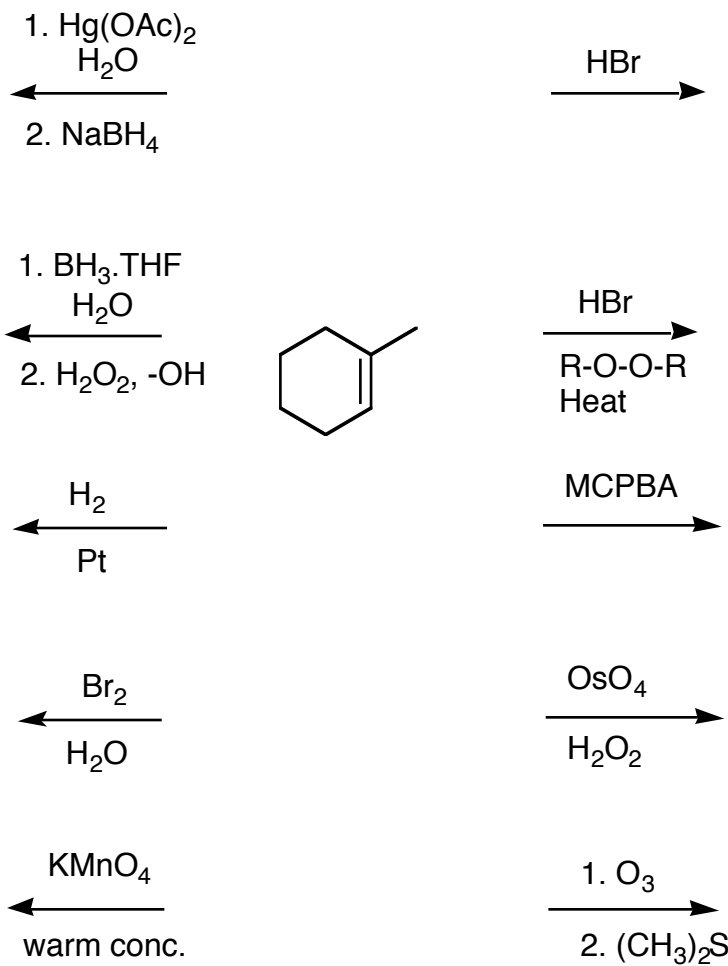


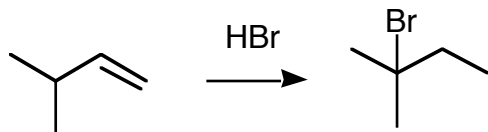
Homework #3
CHEM 12a

Name _____

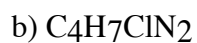
1. (10 pts) Predict the major product for each of the following reactions. Show stereochemistry where applicable.



2. (4 pts) Propose a mechanism for the following reaction.



3. (2 pts) Calculate the degrees of unsaturation for the following molecular formulas.



4. (4 pts) The two sets of reagents below give two different structural isomers with the same molecular formula. For each of the reagents below write the product and explain why that product is favored.

