

Chem 2062 Spring 2006
Exam 2 Group Work

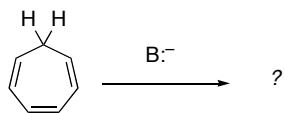
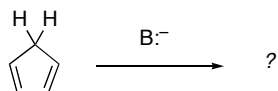
1. Complete the following synthesis with the correct reagents and products for each reaction:



2. Complete the following synthesis with the correct reagents and products for each reaction:



3. Draw the mechanism and product of each of the compounds below reacting with a strong base:



Which of the deprotonated products is more stable? Why? Which of the alkenes shown above is more acidic as a result? Of the two starting materials which has the higher pKa and which has the lower pKa? Of the two products, which has the higher pKb and which has the lower pKb?

4. Complete following synthesis with the correct reagents and products for each reaction:

