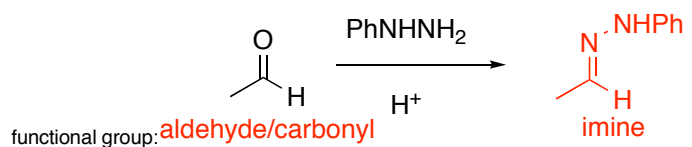
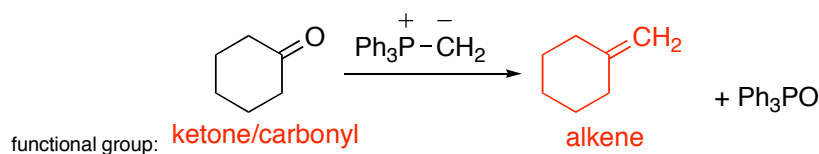
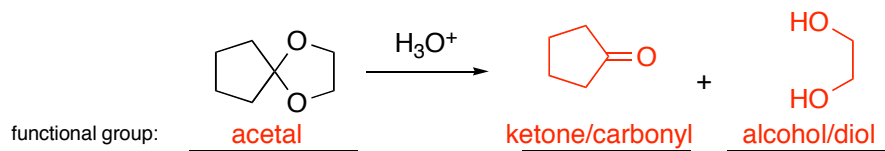
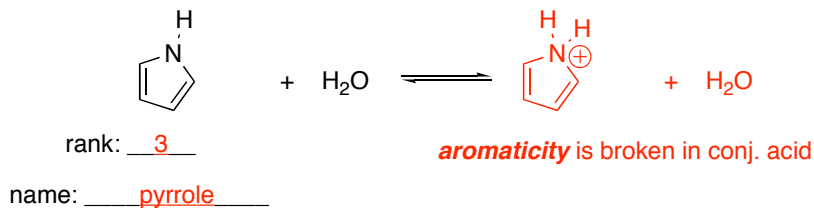
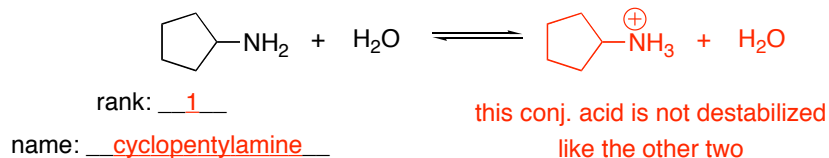
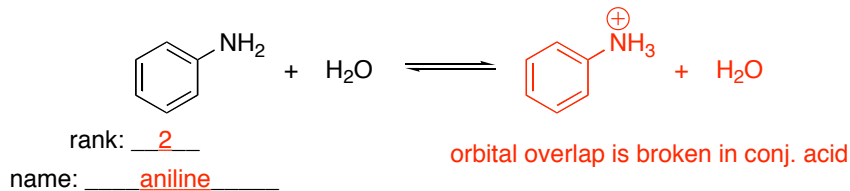


Chem 2062 Spring 2006
Quiz 3

1. Predict the product(s) for the following reactions. Identify the type of functional group present in each reactant and product.



2. Draw the products of the following three acid-base reactions. Name the amines, then rank the amines in order of **increasing pK_b**, with **1** being the lowest pK_b and **3** being the highest. In a few words for each, explain your ranking.



Which of the above three amines is the strongest base? cyclopentylamine