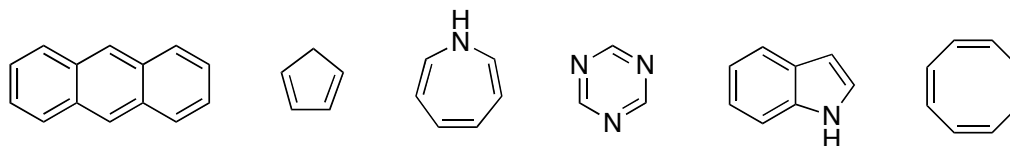


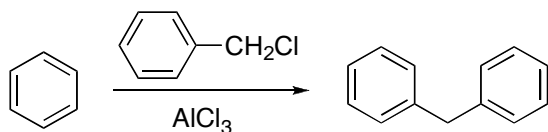
CHEM 312 Problem Set 3
Due at the start of class on Friday, February 29, 2008

Name: _____

1. Circle the aromatic compounds below.



2) Draw an arrow pushing mechanism for the transformation shown below. Include all lone pairs of electrons, all appropriate resonance structures, and all proton transfers.



3) How would you synthesize the following substances, starting from benzene? Assume that ortho and para substitution products can be separated.

