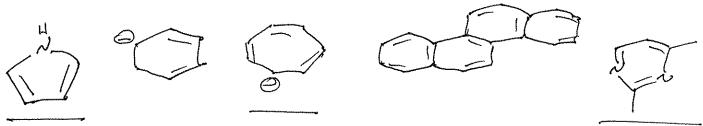
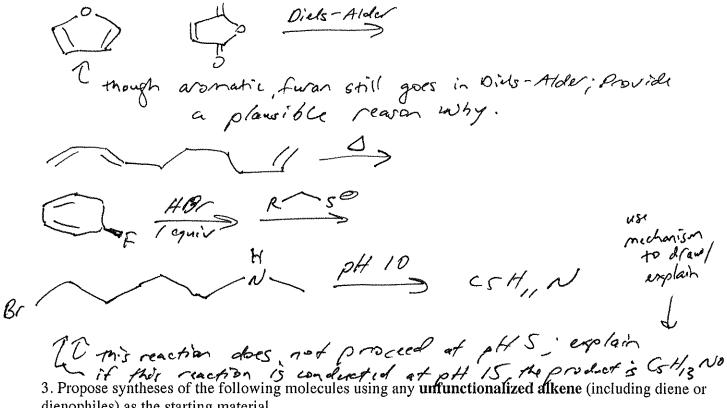
## Problem Set 2

Five points. Due Monday, February 18, by the start of class. Provide answers on a separate sheet(s) of paper, stapling together multiple pages.

1.Indicate whether the following molecule is aromatic or is not aromatic. Explain, using the criteria for aromaticity. For the compounds underlines, draw a Frost circle.



2. Provide mechanisms and products for the following reactions. Draw relevant stereochemistry. Think about what is the driving force in each reaction.



dienophiles) as the starting material.

Via Diels-Alder