## Organic II Lecture Spring 2011 Quiz #3

(10 points)

1. Label each of the following compounds as being aromatic, antiaromatic, or nonaromatic. (4 point, problem 16-32g)

- 2. Draw a structure for benzofuran. (2 points)
- 3. Draw a LUMO for cyclobutadiene. (2 points)

4. Complete the following reaction by filling in the necessary reagents. (2 points)