

Chem 4A Scholars Worksheet 12

Conjugation and Aromaticity

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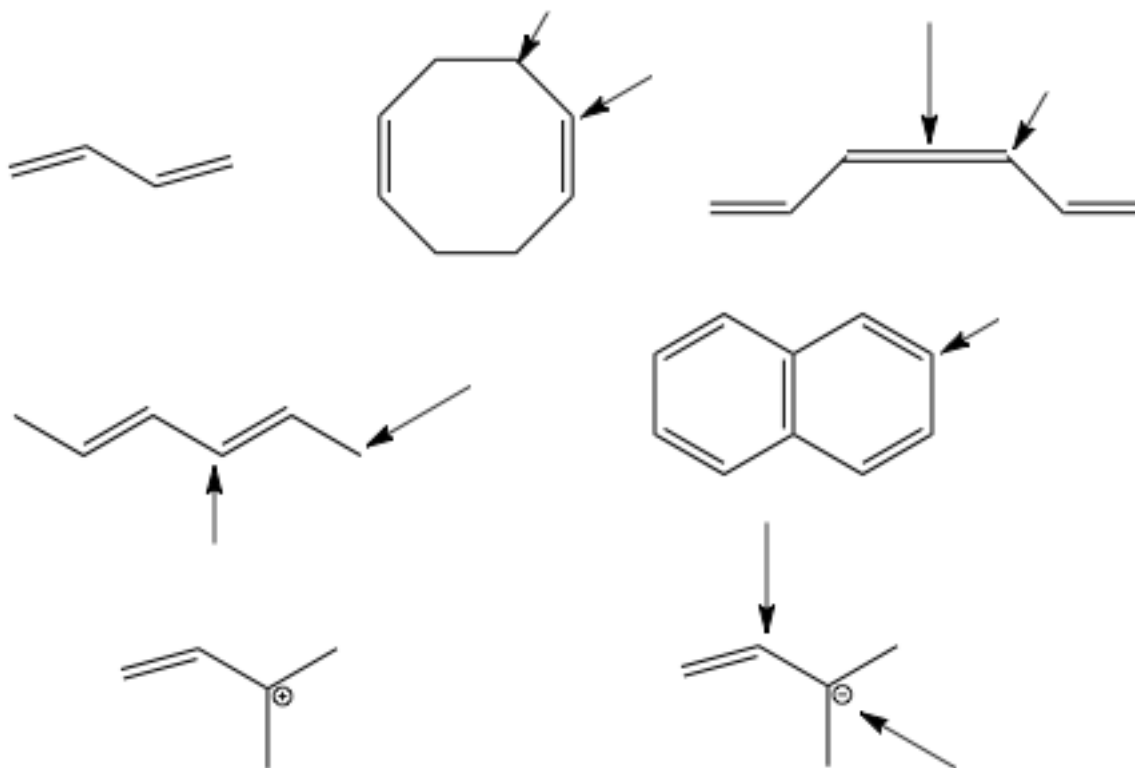
Office Hour: 5:30-6:30pm email: haowu@berkeley.edu

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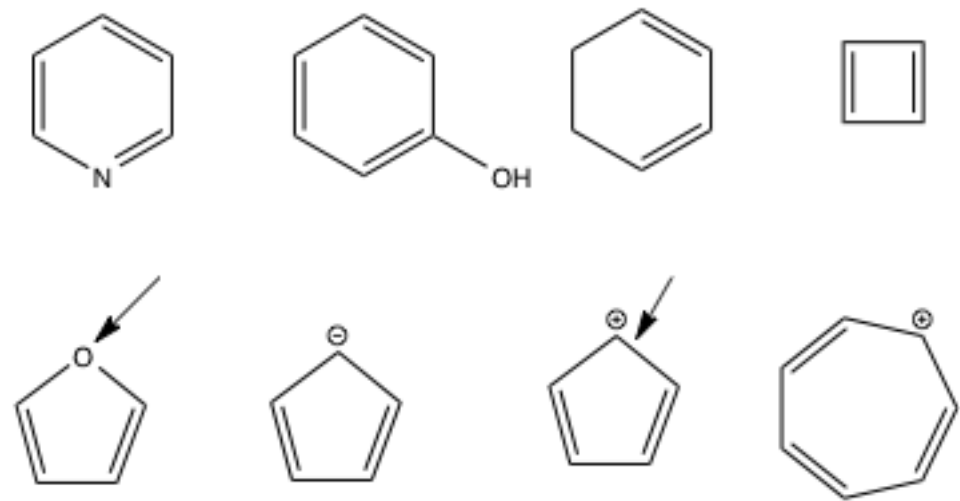
October 15, 2013

Questions:

1. Write down the number of conjugated p orbitals in each molecule, the number of delocalized electrons and the hybridization of the marked atoms.



2. Determine if the following conjugated systems are aromatic or anti-aromatic



3. Determine the MO levels for the following molecule and fill in electrons. Is it aromatic or anti-aromatic?

