

Chem 4A Scholars Worksheet 12 Solutions

Conjugation and Aromaticity

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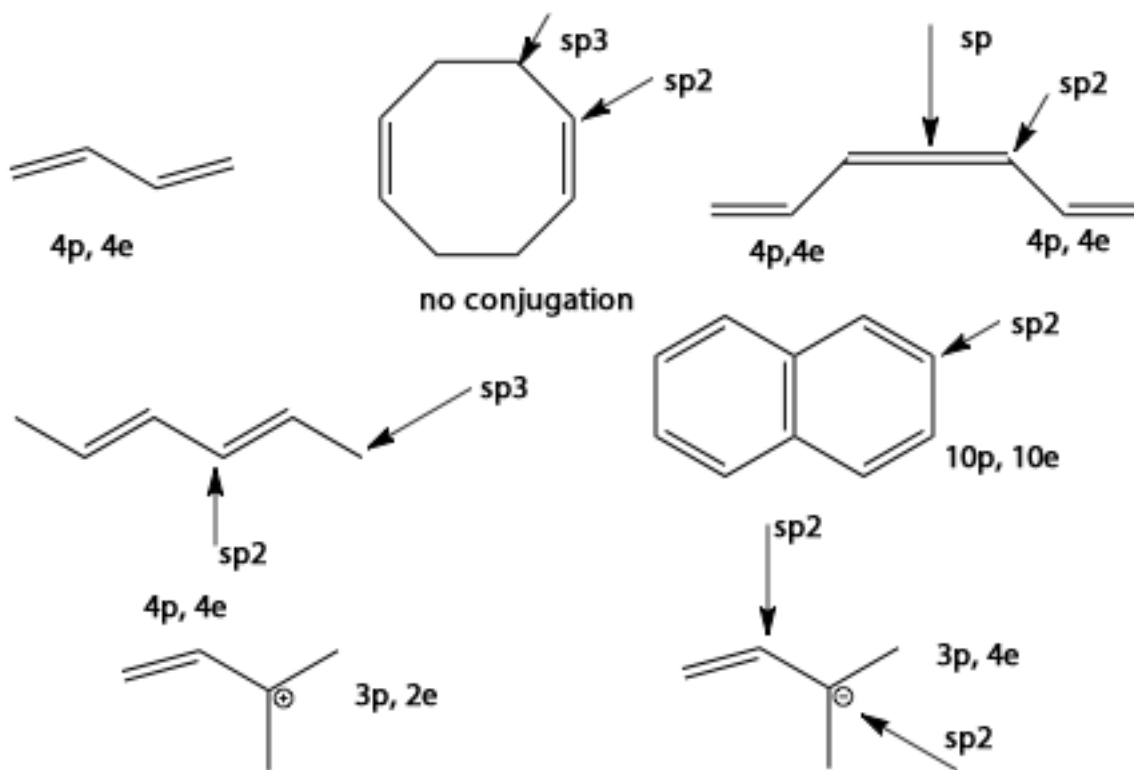
Office Hour: 5:30–6:30pm email: haowu@berkeley.edu

course website: <http://chem4a.haowu.org/>

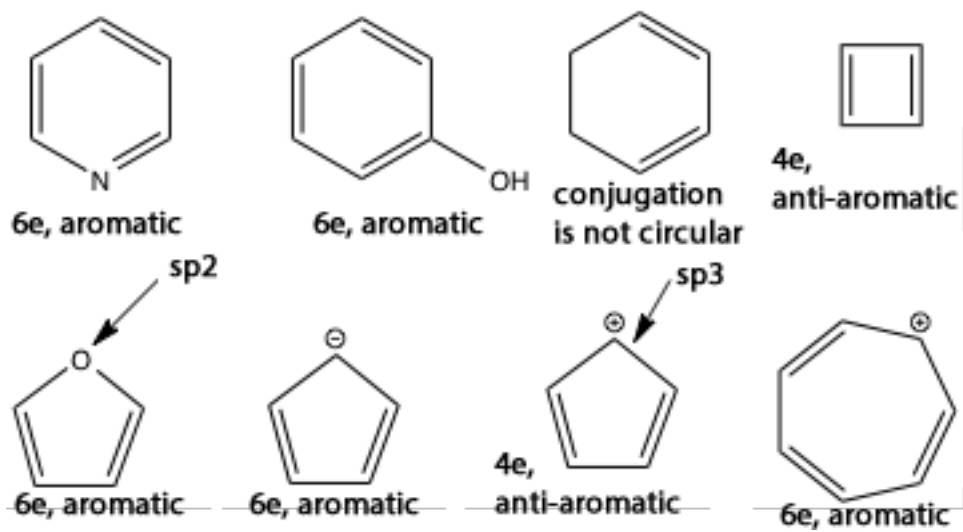
October 15, 2013

Questions:

- 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?

