

Announcements

To join clicker to class today (Clickers with LCD display joins automatically):

- Turn on the Clicker (the red LED comes on).
- Push “Join” button followed by “20” followed by the “Send” button (switches to flashing green LED if successful).
- If you bought a model kit bring it to discussion.
- Exam 2 one week from Thursday.

Review

- Lewis structures
 - Resonance
 - Bond order
 - Using formal charge to pick best Lewis or resonance structure.
 - Exceptions to the octet rule.

Molecular Shapes

- VSEPR (valence shell electron pair repulsion model) for predicting shapes.
- Dipole moments and molecular shapes.
- Valence bond theory (orbitals and 3-D shapes)

Chang Table 10.2 summarizes VSEPR, also see Dr. Gutow's VSEPR web site, reachable from the class web site.