Announcements

- 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.