

## Chem 1 Review Topics Final Exam Fall 2011

lattice energy and its effect on ionic bonding

Lewis structures by simple method including isomers

Lewis structures by mathematical method

provide resonance structures with formal charges and evaluate their contribution to the hybrid

predict bond angles and hybridizations for atoms in a compound given

sigma and pi bonds

draw molecules in 3D using VSEPR theory

Bronsted Lowry acids, bases and conjugates