

## Review Topics Final Exam Intro Chem Fall 2011

the solution process- how ions are solvated by water

molarity formula and calculations

stoichiometry of reactions- mass, solutions/molarity as identity

complete, balance, write ionic and net ionic equation for double displacement and acid/base

know what species ionize and are strong electrolytes

label Bronsted Lowry acids, bases and conjugates given an equation

provide conjugates of species given

assign oxidation numbers to a redox equation-  $\frac{1}{2}$  reactions, label oxidation and reduction