ROTD 3/2/06

1) Resonance is really useful when trying to decide the relative stability of molecules. The more resonance structures you can draw for a given molecule, the more stable it is.

2) $\Delta G = -RT \ln (K_{eq})$. If $K_{eq} > 1$, then ΔG will be negative (favors products). If $K_{eq} < 1$, the ΔG will be positive (favors reactants). pKa helps figure out K_{eq} quickly.

3) pKa tables are your friend. But it helps to memorize a few pKa values.