

ROTD 3/6/06

1) Acid/Base equilibrium always favors the side of the equation with the weaker acid.

2) pKa values for molecules not listed in a table can be estimated from similar compounds that are listed. Plain-old alkyl groups do not appreciably effect the pKa.

3) Relative orders of acidity/basicity can be established without pKa values. Look for differences in electronegativity, size of the atom bearing the charge, delocalization of charge, and inductive effects.