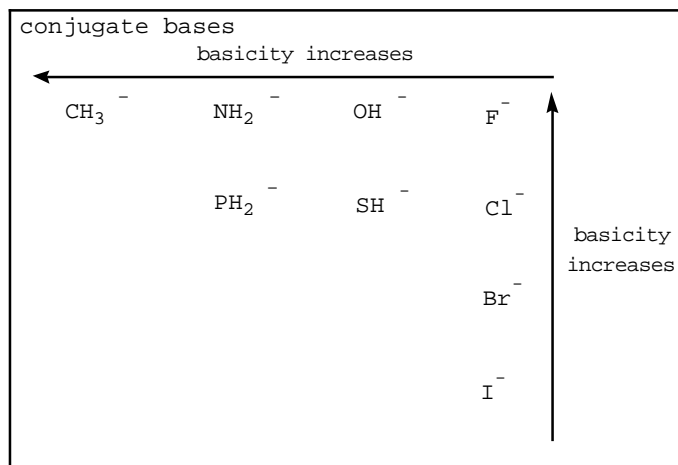
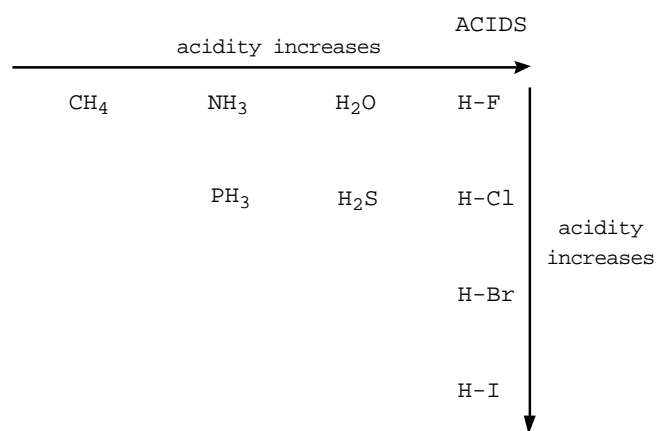
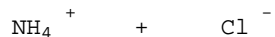
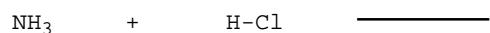
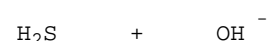
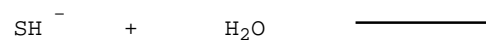
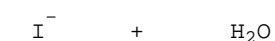
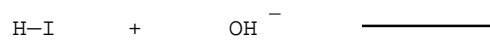


Acid-Base Trends, Conjugates, and Reactions
Dr. Gergens - SD Mesa College

Periodic Trend



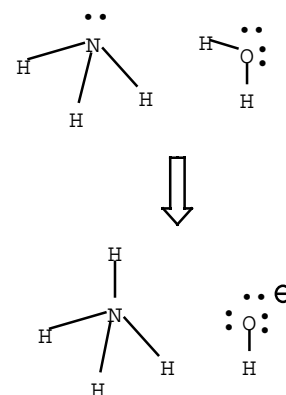
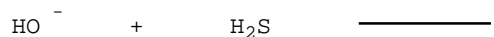
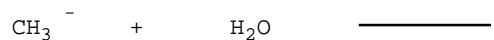
Evaluating Acid-Base Reactions
(relative strength to produce weaker acid)



Definitions

	Arrhenius Theory	Bronsted-Lowry Theory
Acid	Give H ⁺ in water	Proton donor
Base	Gives OH ⁻ in water	Proton acceptor
	limited to aqueous solutions	water may be a solvent, but it needn't be

Predicting Proton-Transfer Products



Can you name all the ions on molecules on this handout?