

Conjugate Acid-Base Pairs

@ When an acid, HA, loses a proton it becomes its **conjugate base**, A^-

Acid-Base Reactions

@ We can analyze Brønsted-Lowry type proton transfer reactions

Base Hydrolysis and the Role of Solvent Water

@ Hydrolysis of a base also involves water as an active participant, functioning as an acid.



- H

Polyprotic Acids

@ With polyprotic acids, each acid anion is the conjugate base of