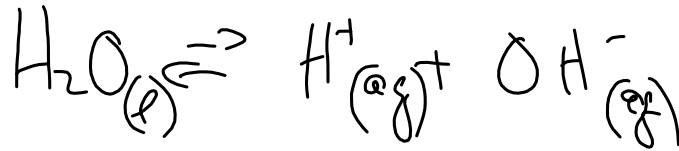


Ionization (K_w) for water @ 25°C

$$K_w = [H^+][OH^-] = 1 \times 10^{-14}$$



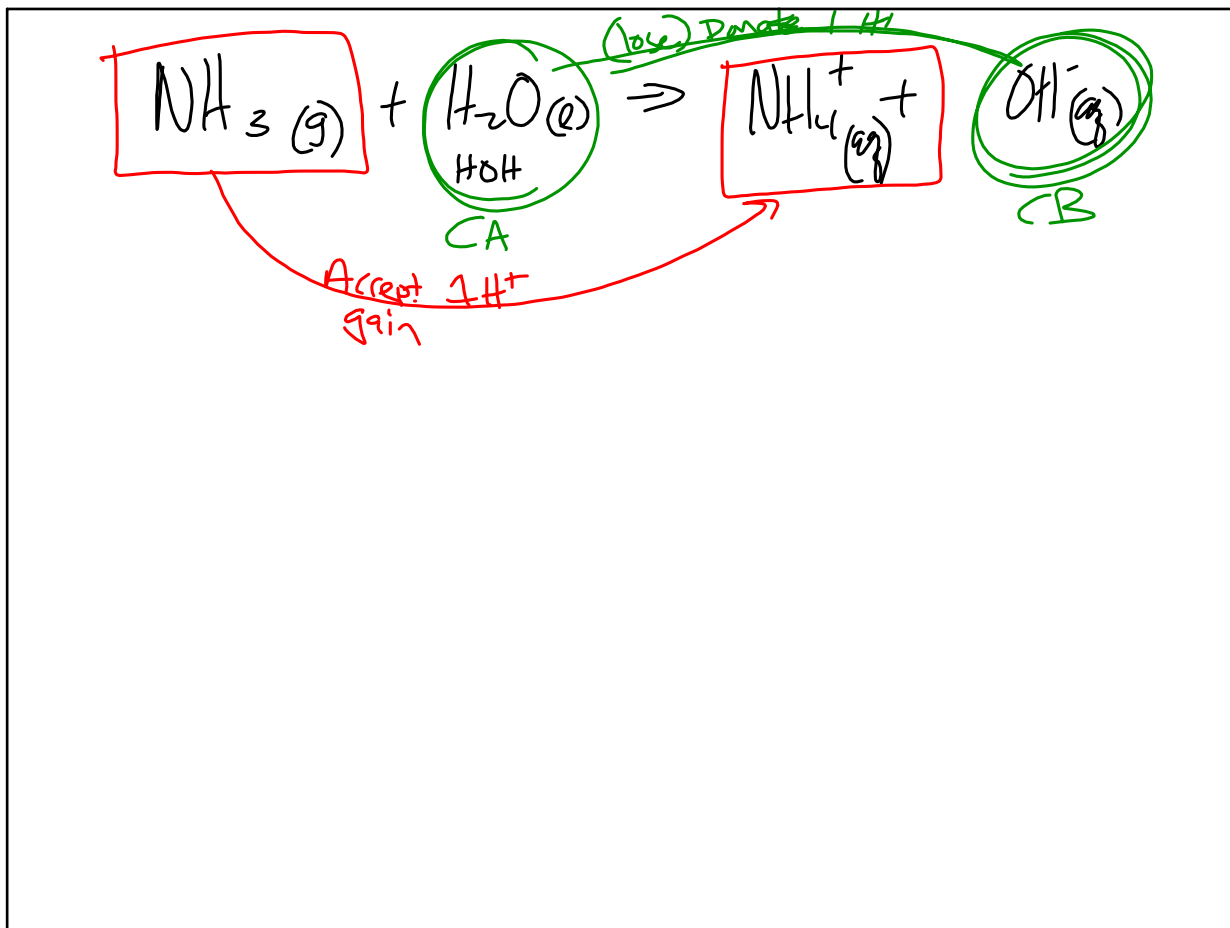
Feb 21-10:05 AM

Brønsted - Lowry

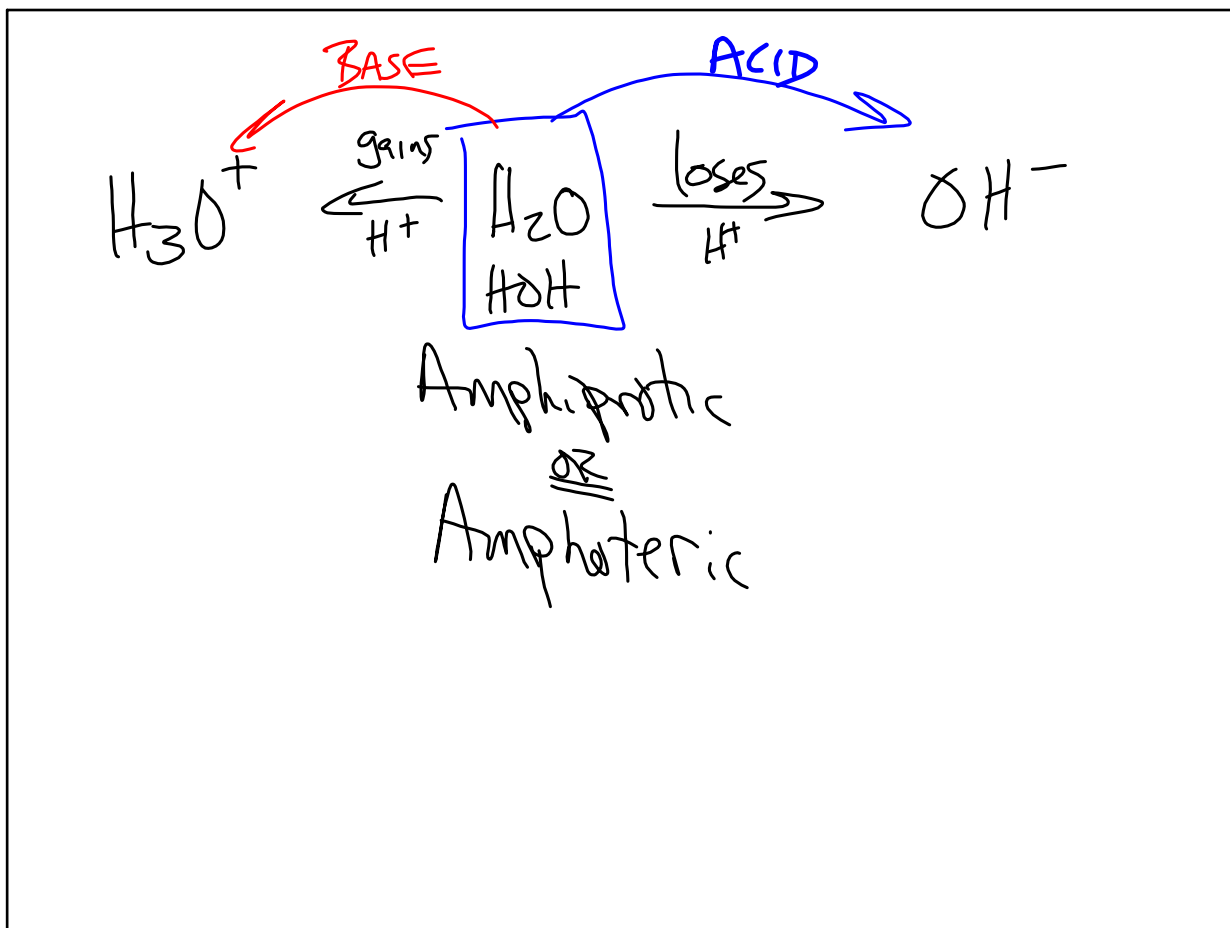


Conjugate Acid-Base pairs
differs by 1 proton (H⁺)
→ Juan Proton

Feb 21-10:43 AM

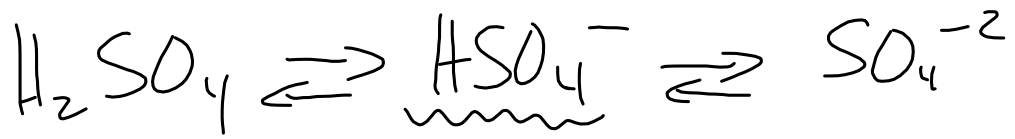


Feb 21-10:49 AM

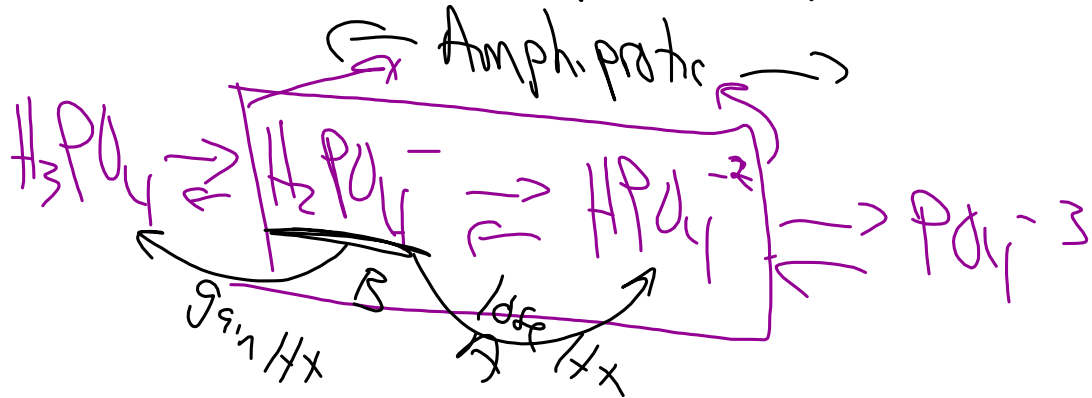


Feb 21-10:51 AM

Poly Protic Acids



intermediate
of polyprotic acid



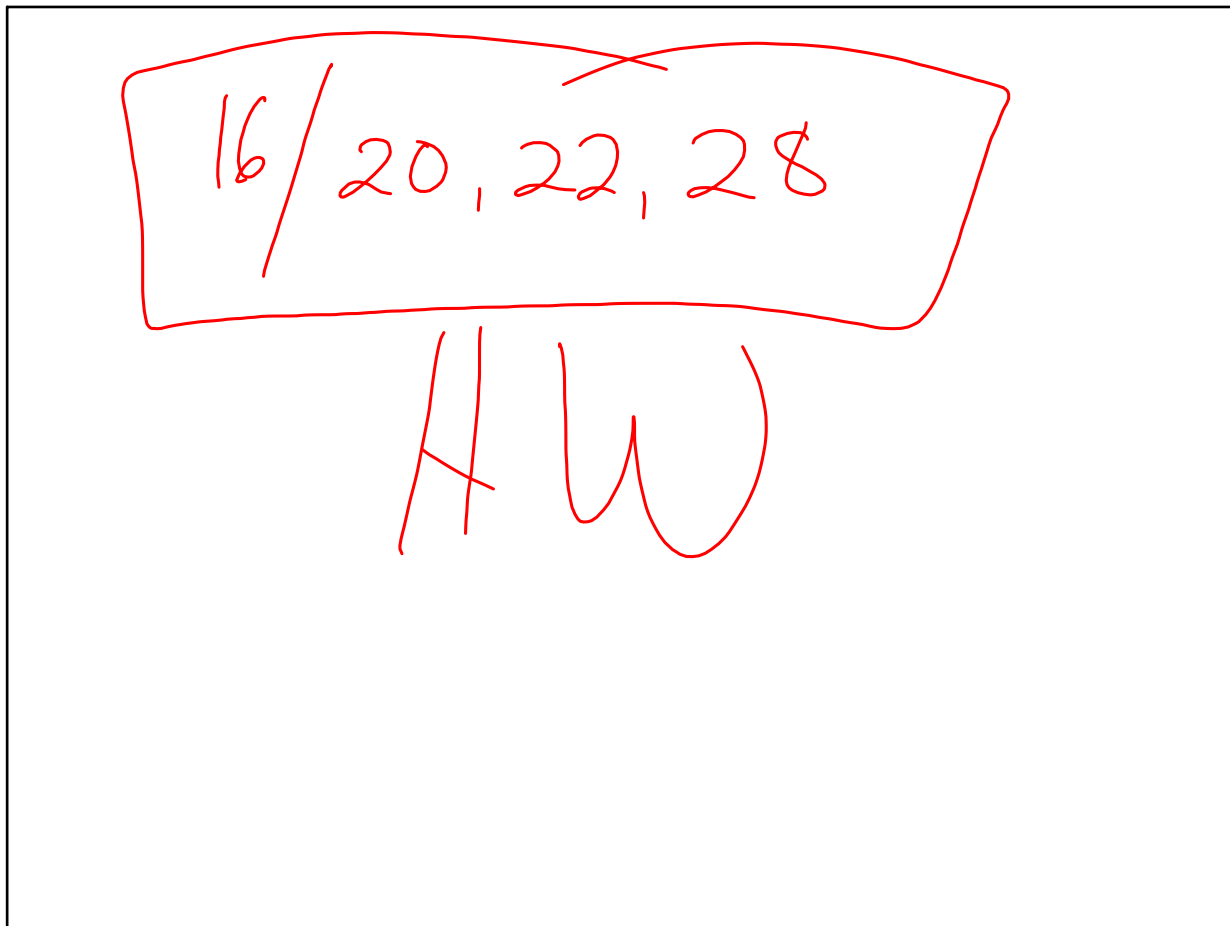
Feb 21-10:53 AM



$$pH = -\log [H^+]$$

$$pOH = -\log [OH^-]$$

Feb 21-10:56 AM



Feb 21-11:00 AM