CONTUGATE ACIDS & BASES : PEVERSIBLE REACTIONS
Amhenius acid dissociates to form H+ (ag) in water (CH3COOH ==== CH3COO-+H+)
Ambenius base dissociates to form OH (aq) in water (NH3 + H2O => NH4+ + OH)
Bodocled Louisi Acid is a surface domas (CHOCMH = CHOCMS + H+)
Brønsted-Lowny Acid is a proton donor (CH3COOH => CH3COOT + H+)  R Brønsted-Lowny Base is a proton acceptor (CH3NH2 + H+ -> CH3NH2)
Most important
lewis acid is an electron pair acceptor
Lewis base is an electron pair donor
Construction part with present part with the second part of the second
H <sub>3</sub> N: H
Behaves as
Behaves a Lewis Acid
as a lewis and as a Brønskd
Base Acid
<u>and</u> as a Brønsted
Bone
WEAK us. Strong acids & basen
VIETE US. OTEUTICI MANS :
· A weak acid dissociates partially in water to form H+ ions or hydronium ions
, ,
CH3COOH ⇒ H1 + CH3COOT
· A weak base dissociates partially in water to form hydroxide ions (OH-)
\. \( \) = 0 = 0 = 0 \( \) \( \) = 0 \( \)
La Amines are weak bases
S+ (0 S- + ) H
$R = NH_2$ H $\longrightarrow$ $R = N - H + OH^-$
This is clamified on a
base because N, due to its
lone pair, attracts and accepts
protons
,
CONJUGATE Acids + Bases
Every acid has a conjugate base and every base has a conjugate acid



