

Acids, Bases, and Salts Chap 16 + 17

Acids

H^+ only \oplus ion
cation

Arrhenius
Defn

Bases

OH^- only \ominus ion
anion

$pH < 7$

$pH > 7$

(SA) HCl, HBr, HI
 H_2SO_4, HNO_3
 $HClO_3, HClO_4$

(SB) $Ca(OH)_2$
 $Ca(OH)_2, Ba(OH)_2, Sr(OH)_2$

H^+ donors
Proton donors

Bronsted
Lowry
Defn

H^+ acceptors
Proton acceptors
Receivers

ONE PROTON
"Juan Proton"

Conjugates