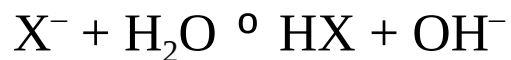




## Acid-Base Character of Salt Solutions

### Anions

- L Anions that are not acid anions are potentially basic, but some have no effect on pH.



- U Aprotic conjugate bases of weak acids are basic in  
 $HX + O^{13}D^{76}55908 Tm0 Tc0 Tw(2)Tj19 0 0 12-0.0002w12$

## **Acid-Base Character of Acid Anions**







## **Strong Acid + Strong Base**

L

## **Weak Acid + Strong Base**

L

## **Weak Base + Strong Acid**

L

## **Neutralization Between a Weak Acid and Weak Base**

L