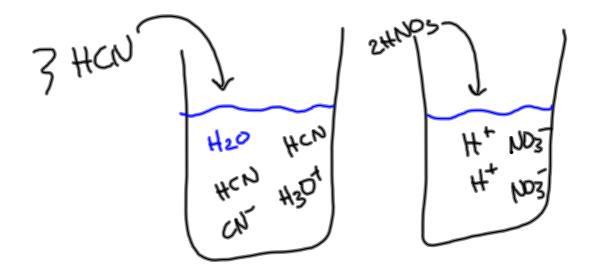
## Strong Acids

$$H_2SO_{4(aq)} \longrightarrow 2H_{(aq)}^+ + SO_{4(aq)}^{2-}$$
 $O.200M$ 
 $O.400M$ 
 $PH = -log[H_3O_{aq}^+]$ 
 $PH = -log[0.400]$ 
 $PH = 0.398$ 

#### Weak Acids

### Strong Bases

$$Baloth_2 \rightarrow Ba^{2t} + 20H^ NaOH_{(aq)} \longrightarrow Va_{(aq)}^{t} + OH_{(aq)}^{-}$$
 $0.200M$ 



#### Weak Bases

NH<sub>3(aq)</sub> + H<sub>2(aq)</sub> = NH<sub>4</sub>+ + OH<sub>6(aq)</sub>

0.200M

$$K_b = \frac{1}{1} \frac{1$$

# Worksheet