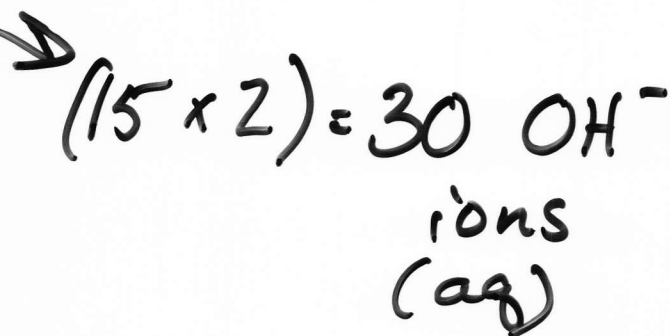
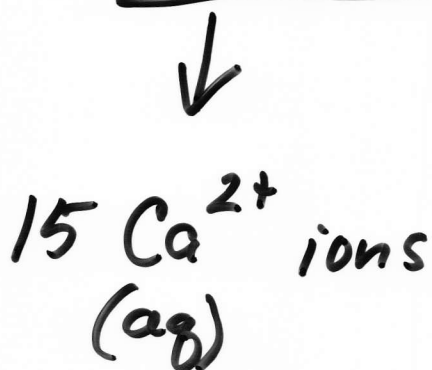


15 molecules into solution

9/30/09 p.1

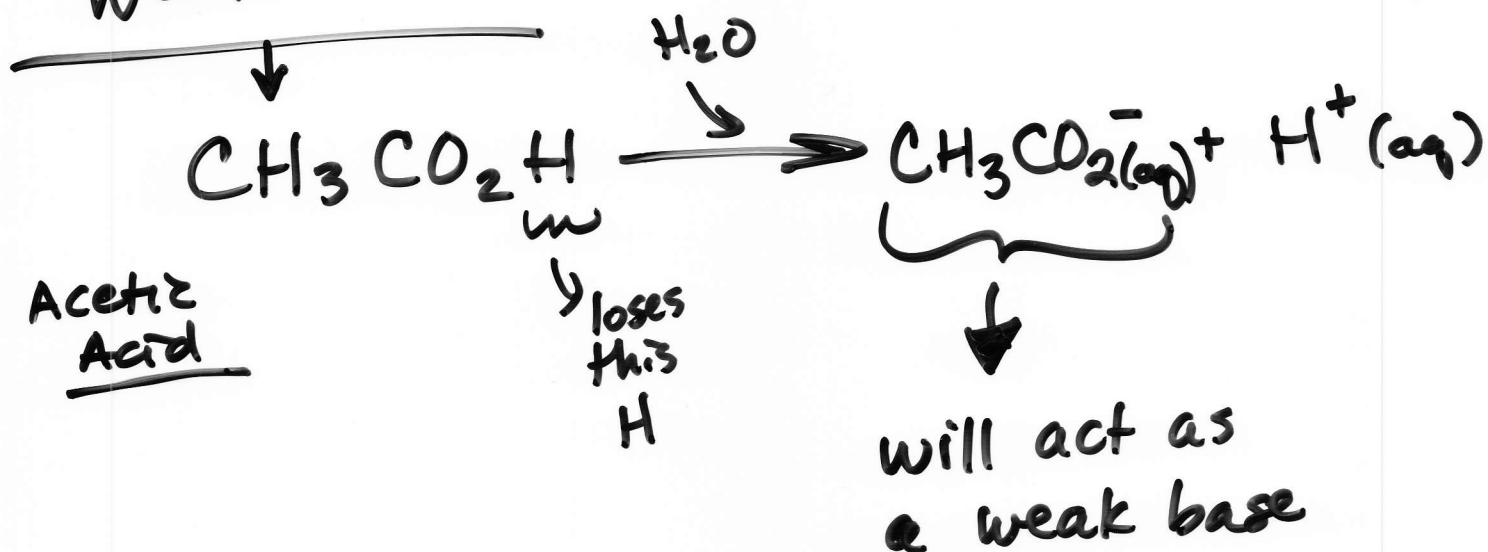


Strong Base
Ionizes Completely

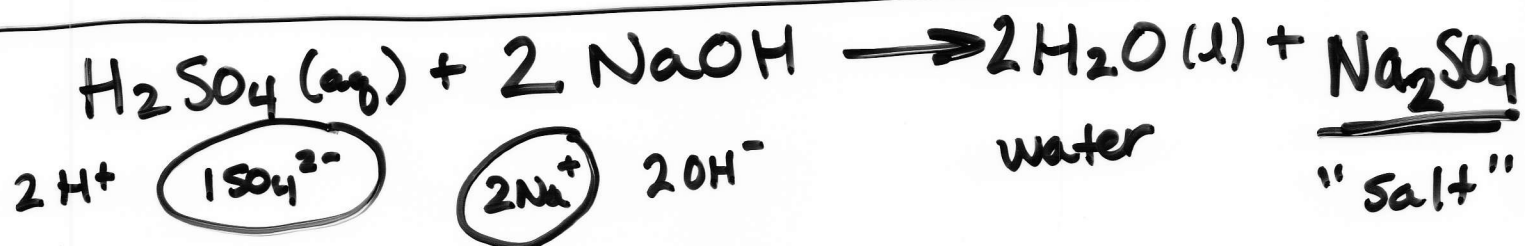
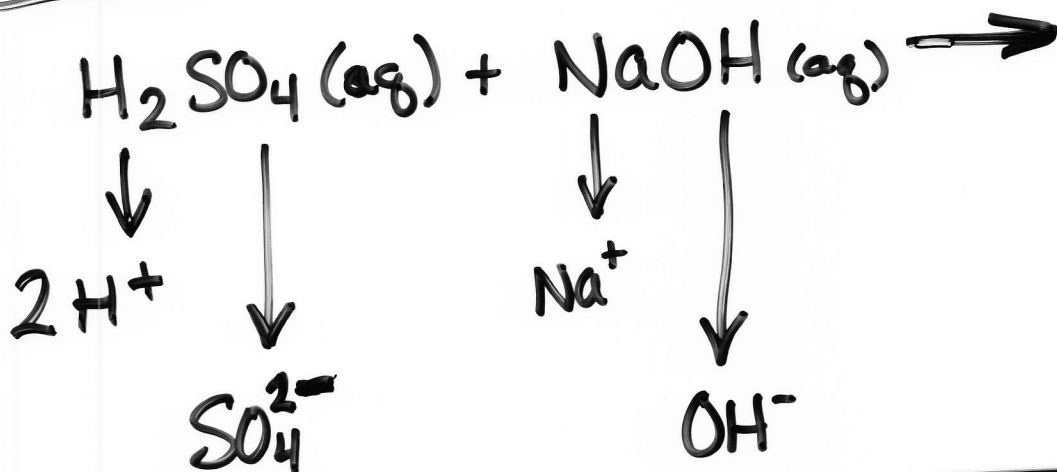
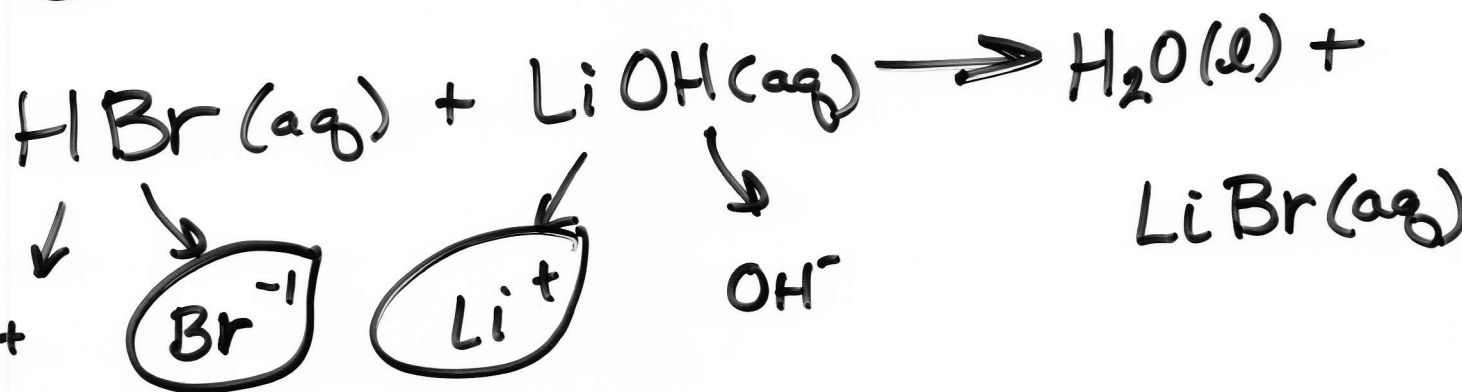
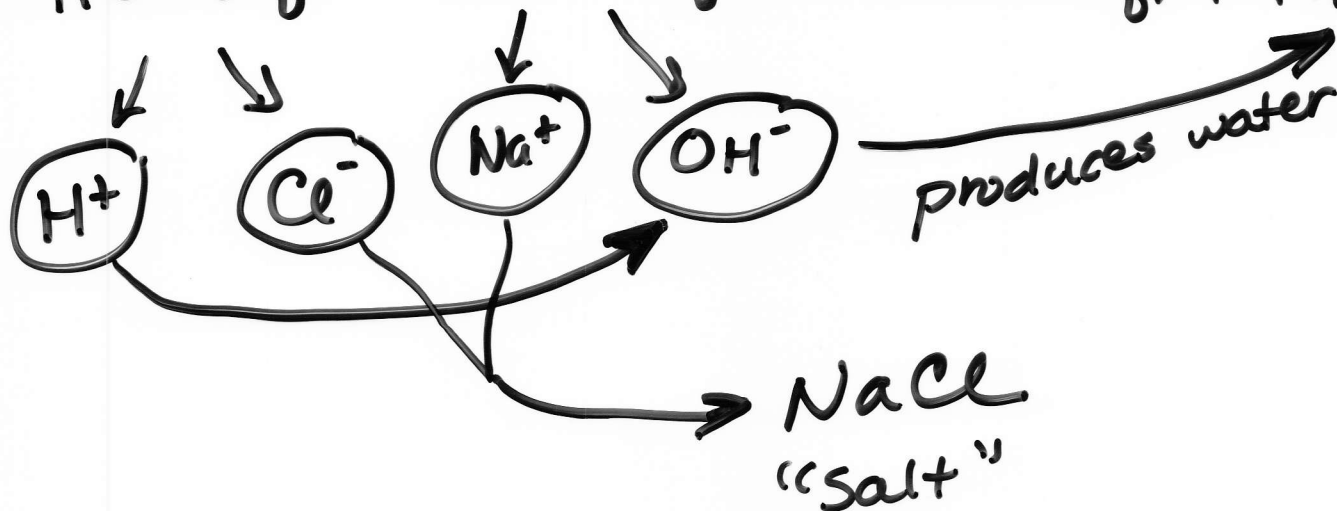


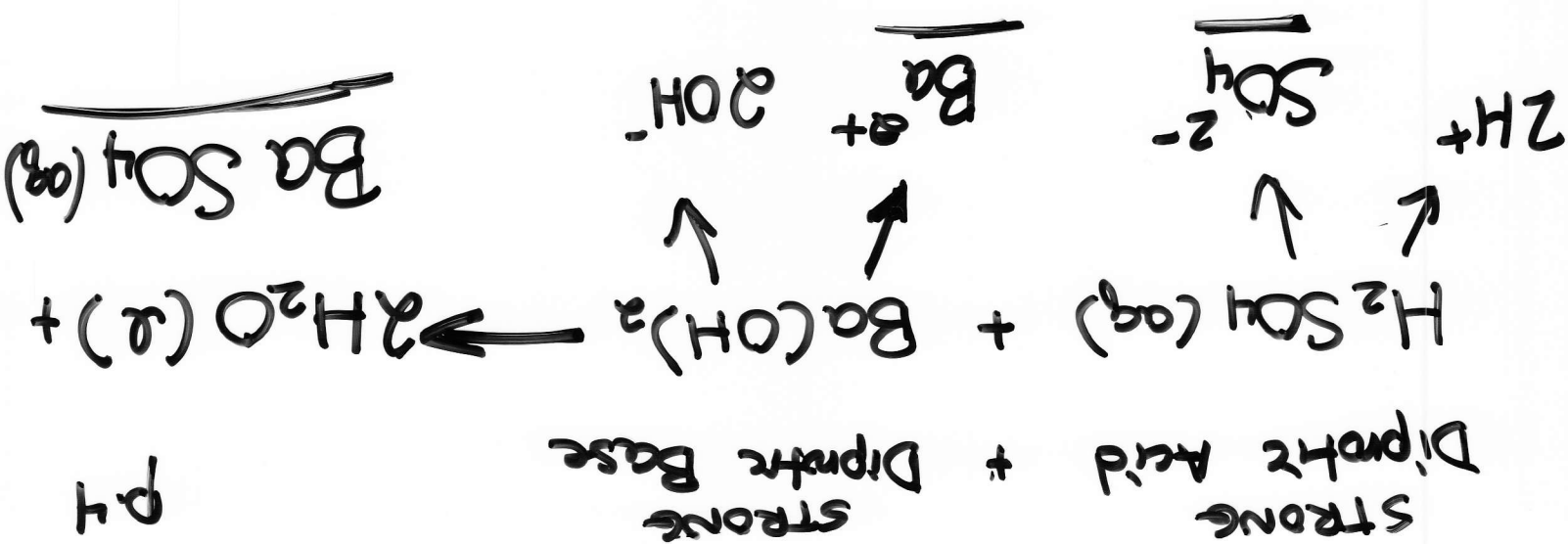
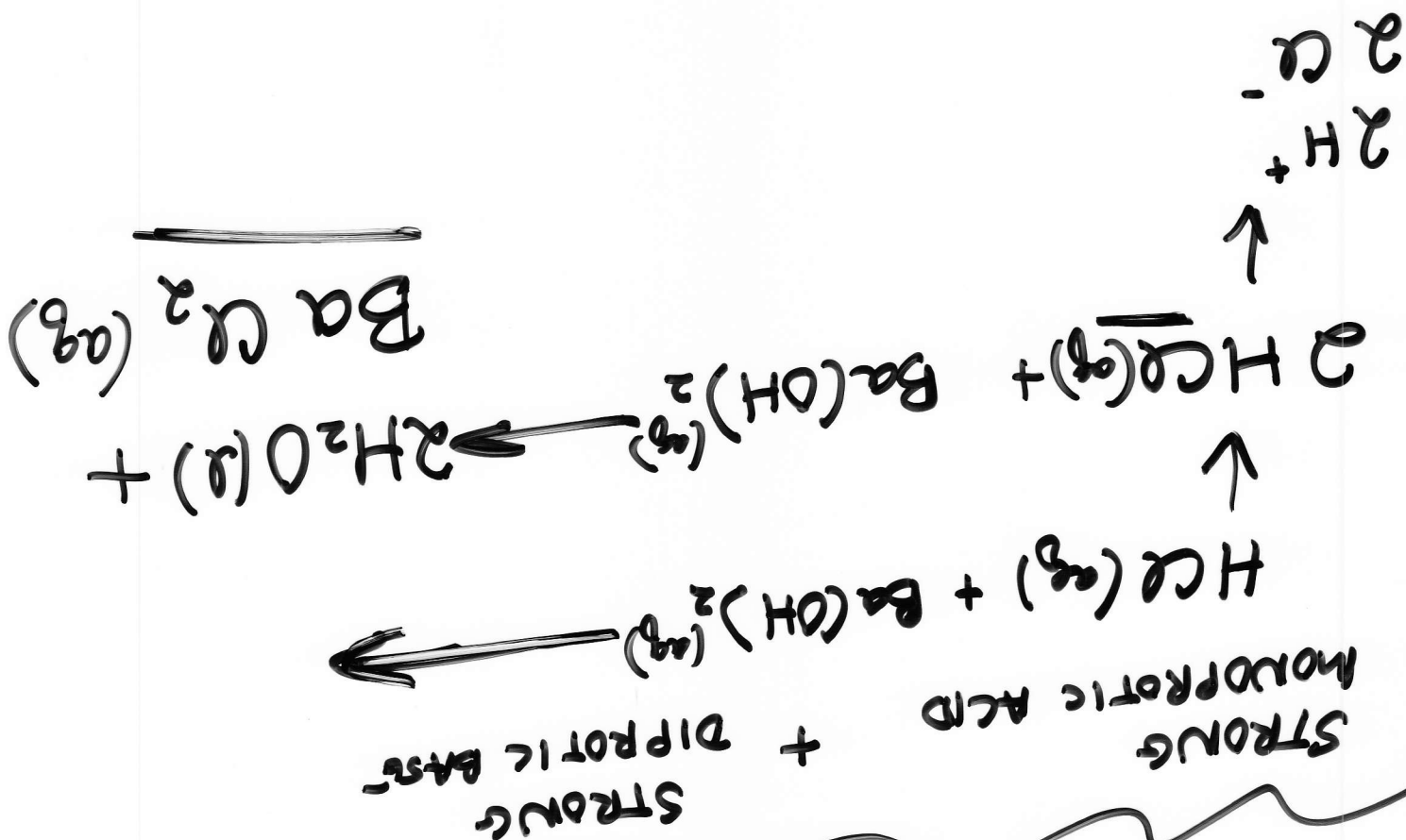
→ into H_2O , it dissociates



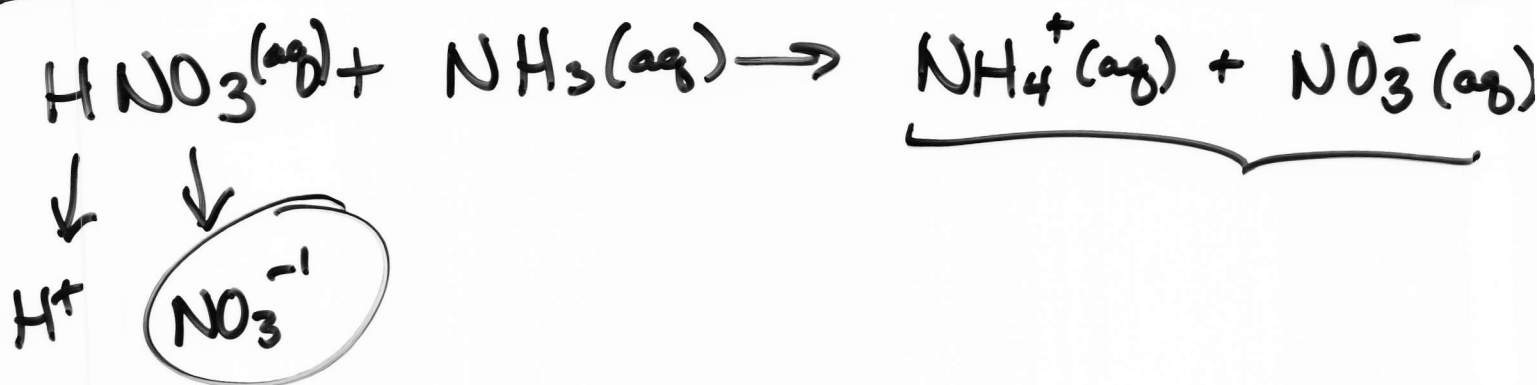
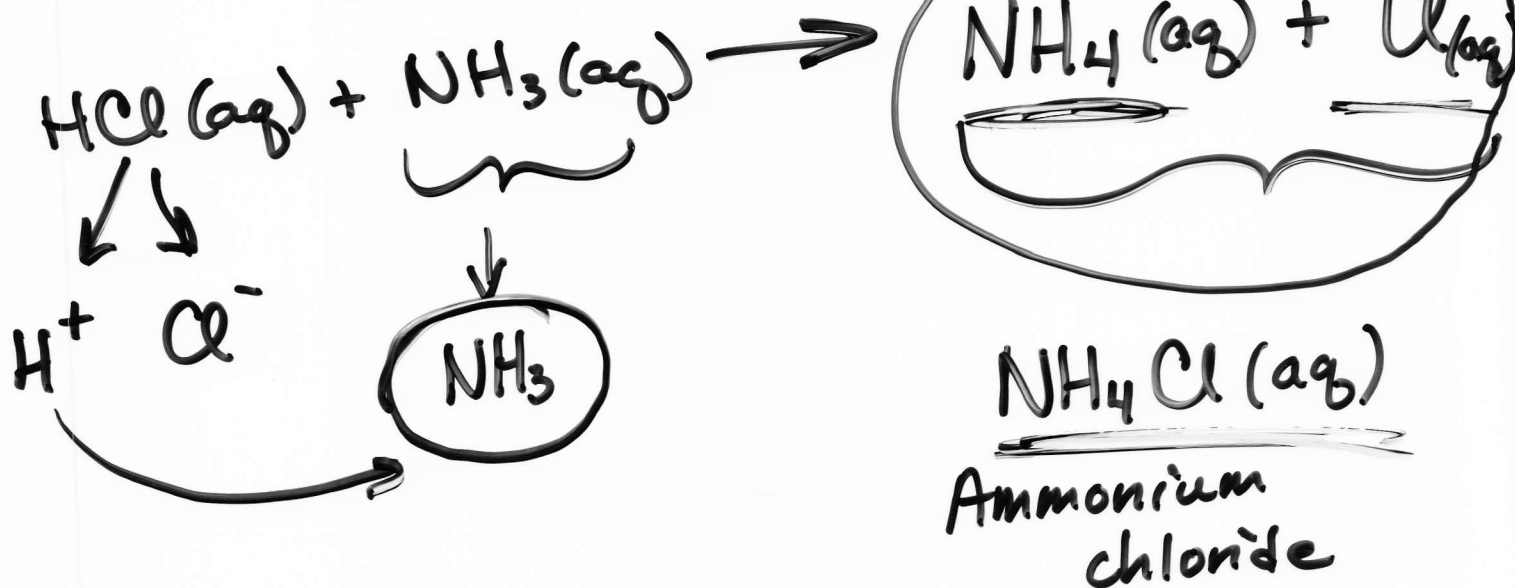
Weak Acid

Weak $\rightarrow$ For every 20 molecules I put into solution, only 1 will ionize. (~5%)

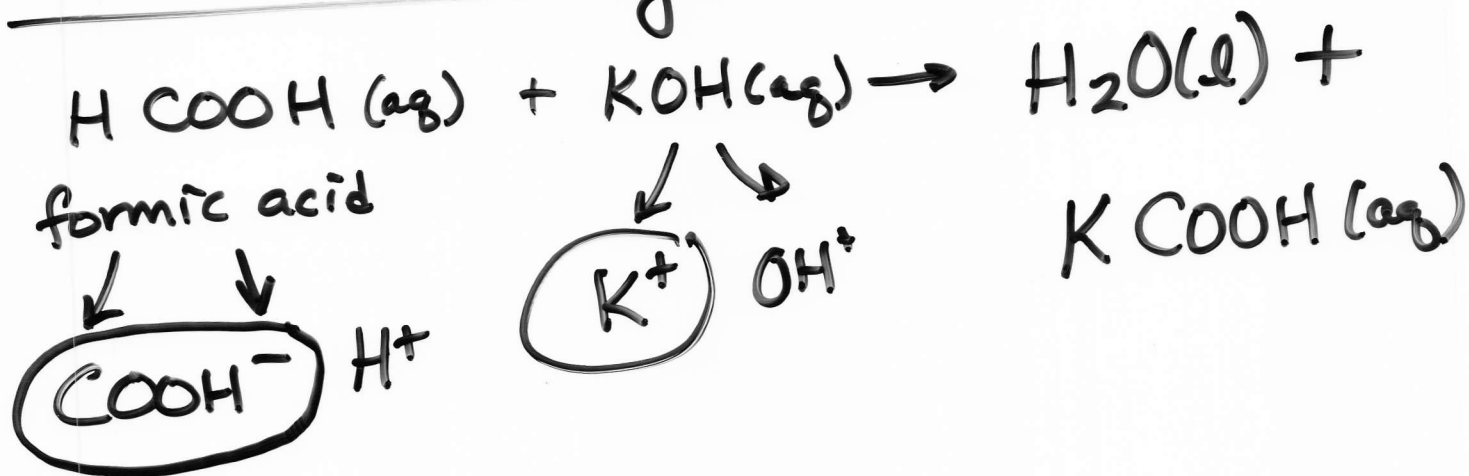


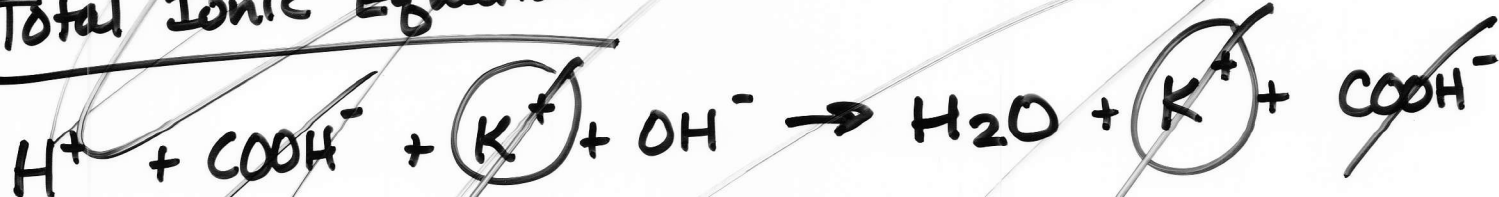


Strong Acid + Weak Base

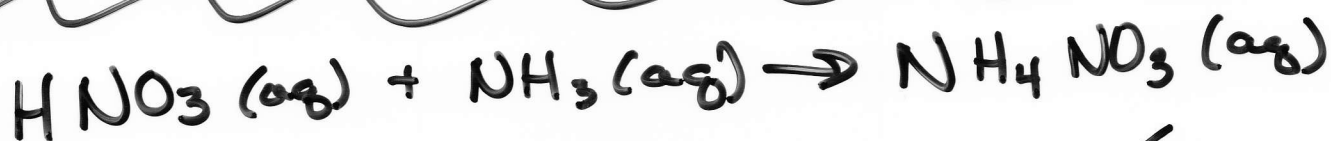


Weak Acid + Strong Base



Molecular EquationTotal Ionic EquationNet ionic Equation

Net ionic
eqn. for
strong acid
strong base

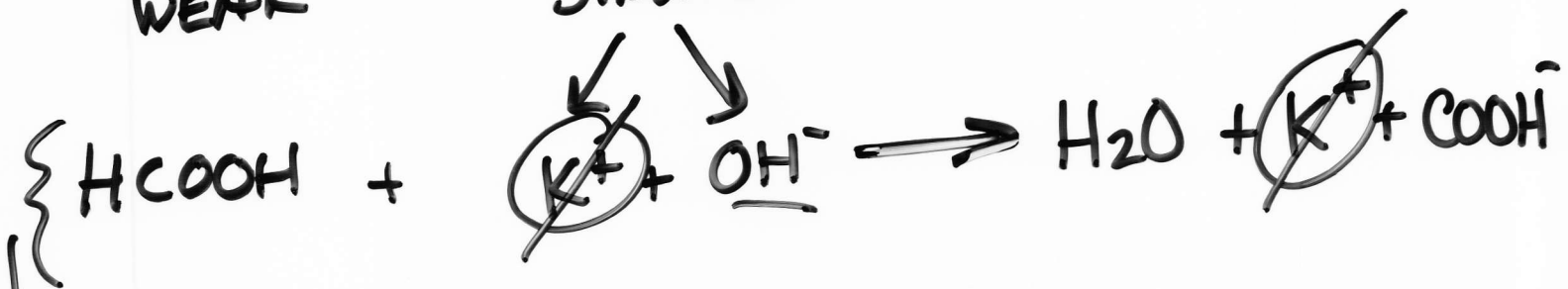


net
ionic
equation



↓
WEAK

↓
STRONG



Total
ionic
equation

