

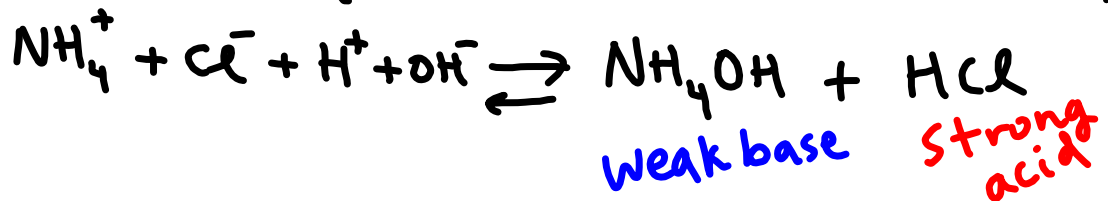
Hydrolysis

Salt + water \rightarrow Acid + Base

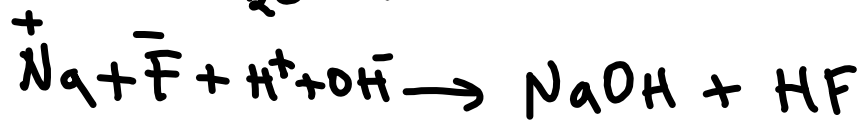
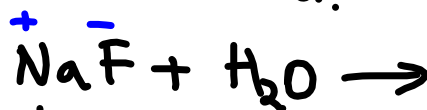
* Given a salt, predict if its solution is acidic or basic. Text-table p. 563

Examples -

1. $\text{NH}_4\text{Cl} + \text{H}_2\text{O} \rightarrow ?$ (Hint - focus on ions.)



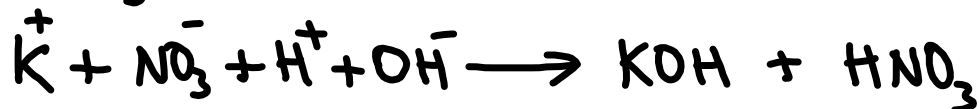
2. A solution of NaF * Conclusion - Acidic Soln



strong base weak acid

Answer - Base

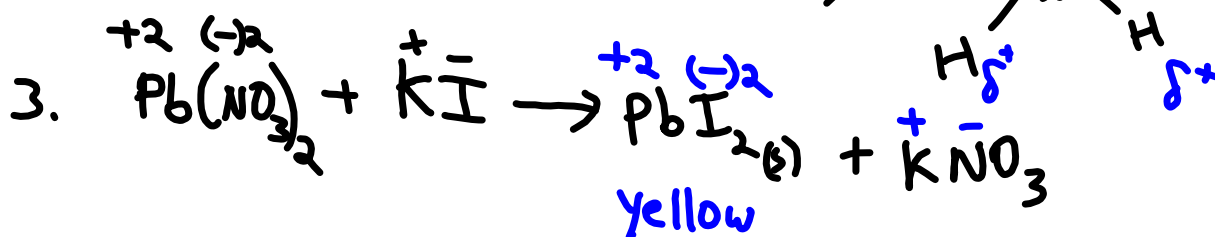
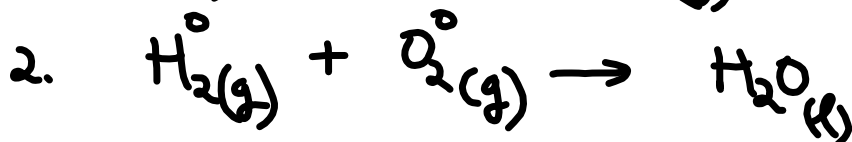
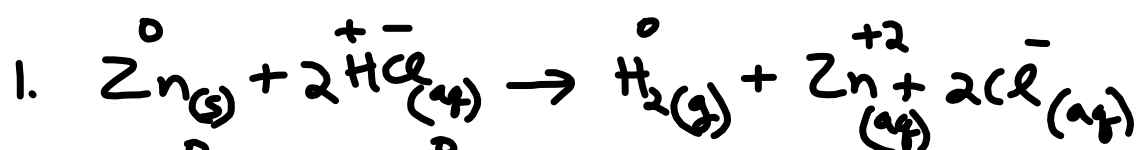
3. A KNO_3 solution -



strong base strong acid

Answer - neutral

Oxidation/Reduction Reactions-Introduction



Summary - In reactions 1+2, atoms change their charge by losing or gaining e^- .

In reaction 3, there is no change in charges.