

Name _____

Date _____

Class _____

Mr. D'Amico

AP Chemistry Summer Assignment

| ION | S^{-2} | NO_3^{-} | SO_4^{-2} | ClO^{-} | CO_3^{-2} | $S_2O_3^{-2}$ | MnO_4^{-} |
|------------|----------|------------|-------------|-----------|-------------|---------------|-------------|
| Na^{+} | | | | | | | |
| Cr^{+3} | | | | | | | |
| Fe^{+2} | | | | | | | |
| Zn^{+2} | | | | | | | |
| Li^{+1} | | | | | | | |
| Ba^{+2} | | | | | | | |
| H^{+} | | | | | | | |
| Mg^{+2} | | | | | | | |
| Ag^{+} | | | | | | | |
| Cu^{+2} | | | | | | | |
| Pb^{+4} | | | | | | | |
| Al^{+3} | | | | | | | |
| NH_4^{+} | | | | | | | |

| ION | NO_2^- | PO_4^{-3} | ClO_4^- | $\text{Cr}_2\text{O}_7^{-2}$ | HSO_4^- | $\text{C}_2\text{O}_4^{-2}$ | Cl^- |
|--------------------|-----------------|--------------------|------------------|------------------------------|------------------|-----------------------------|---------------|
| Mn^{+2} | | | | | | | |
| K^+ | | | | | | | |
| Hg_2^{+2} | | | | | | | |
| Co^{+2} | | | | | | | |
| Fe^{+3} | | | | | | | |
| Ca^{+2} | | | | | | | |
| Sn^{+2} | | | | | | | |
| Ni^{+2} | | | | | | | |
| H^+ | | | | | | | |
| Cu^{+1} | | | | | | | |
| Be^{+2} | | | | | | | |
| Cr^{+2} | | | | | | | |
| Rb^+ | | | | | | | |