Assignment:\_\_\_

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour:\_\_\_\_

**Common Polyatomic Ions**

Ionic Compounds:

Figuring out the formula:

Figuring out the name:

Given the name, finding the formula:

|  |  |
| --- | --- |
| **NH41+** | **ammonium** |
| **NO31-** | **nitrate** |
| **NO21-** | **nitrite** |
| **ClO1-** | **hypochlorite** |
| **ClO21-** | **chlorite** |
| **ClO31-** | **chlorate** |
| **ClO41-** | **perchlorate** |
| **OH1-** | **hydroxide** |
| **CN1-** | **cyanide** |
| **C2H3O21-** | **acetate** |
| **MnO41-** | **permanganate** |
| **CO32-** | **carbonate** |
| **HCO31-** | **bicarbonate (hydrogen carbonate)** |
| **SO42-** | **sulfate** |
| **SO32-** | **sulfite** |
| **HSO41-** | **bisulfate** |
| **HSO31-** | **bisulfite** |
| **CrO42-** | **chromate** |
| **Cr2O72-** | **dichromate** |
| **O22-** | **peroxide** |
| **C2O42-** | **oxalate** |
| **PO43-** | **phosphate** |
| **HPO42-** | **hydrogen phosphate** |
| **H2PO41-** | **dihydrogen phosphate** |
| **SiO44-** | **silicate** |



**3+ 4+/- 3- 2- 1- Stable**

**2+**

**1+**



 