**Common Polyatomic Ions**

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| **Name(s)** | **Formula(s)** | **Name(s)** | **Formula(s)** |
| Ammonium | NH4+ | Iodate | IO3- |
| Acetate | CH3COO- | Nitrate | NO3- |
|  | C2H3O2- | Nitrite | NO2- |
| Bromate | BrO3- | Oxalate | C2O42- |
| Bicarbonate | HCO3- | Perchlorate | ClO4- |
| Bisulfate | HSO4- | Periodate | IO4- |
| Bisphosphate | HPO42- | Permanganate | MnO4- |
| Carbonate | CO32- | Peroxide | O22- |
| Chlorate | ClO3- | Phosphate | PO43- |
| Chlorite | ClO2- | Phosphite | PO33- |
| Chromate | CrO42- | Silicate | SiO44- |
| Cyanide | CN- | Sulfate | SO42- |
| Dichromate | Cr2O72- | Sulfite | SO32- |
| Hydroxide | OH- | Thiocyanate | SCN- |
| Hypochlorite | ClO- | Thiosulfate | S2O32- |

**Covalent Compound Prefixes**

|  |  |
| --- | --- |
| Mono = 1 | Hexa = 6 |
| Di = 2 | Hepta = 7 |
| Tri = 3 | Octa = 8 |
| Tetra = 4 | Nona = 9 |
| Penta = 5 | Deca = 10 |

**Roman Numerals**

|  |  |
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| I = 1 | VI = 6 |
| II = 2 | VII = 7 |
| III = 3 | VIII = 8 |
| IV = 4 | IX = 9 |
| V = 5 | X = 10 |