**Know Your Ions, part 2**

Name and date:

Referring to your Periodic Table, your textbook, and the Internet, fill in the missing Names, Symbols, and Formal Charge in the table below.

Cations Anions

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Formula | Charge | Name | Formula | Charge |
|  | NH4 |  | Acetate |  | -1 |
| Cadmium |  |  |  | CO3 |  |
| Chromium (II) |  |  |  | HCO3 |  |
| Chromium (III) |  |  |  | SO4 |  |
|  | Ca | +2 |  | SO3 |  |
|  | Mg |  | Phosphate |  |  |
|  | Sr |  | Phosphite |  |  |
|  | Ba |  | Cyanide |  | -1 |
|  | Al | +3 |  | MnO4 | -1 |
| Ferrous |  | +2 |  | OH |  |
| Ferric |  | +3 | Nitrate |  |  |
|  | Pb | +2 | Nitrite |  |  |
|  | Pb | +4 |  | CrO4 | -2 |
| Lithium |  |  |  | Cr2O7 | -2 |
| Sodium |  |  | Hypochlorite |  |  |
| Potassium |  |  | Chlorate |  |  |
| Cuprous | Cu |  |  | F | -1 |
| Cupric | Cu |  | Chloride | Cl |  |
|  | Ag |  |  | Br |  |
|  | Au |  |  | I |  |
| Zinc |  |  | Oxide |  |  |
| Cadmium |  |  | Sulfide |  |  |
| Mercurous | Hg |  | Oxalate |  |  |
| Mercuric | Hg |  | Peroxide |  |  |
|  | H3O | +1 |  |  |  |
|  | H | +1 |  |  |  |