**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Common Compounds**

|  |  |  |  |
| --- | --- | --- | --- |
| **Ionic** | **Ions with Charges** | **Formula** | **Common Name**  **or Use** |
| sodium chloride |  | NaCl | table salt, rock salt |
|  |  |  | ice melter |
|  |  | NaOH |  |
| calcium carbonate |  |  |  |
|  |  | NH4OH |  |
|  |  |  | bleach |
|  |  | Fe2O3 |  |
| ammonium nitrate |  |  |  |
|  |  | NaHCO3 |  |
|  |  |  | epsom salts |
|  |  | H2O2 |  |
| calcium phosphate |  |  |  |
|  |  | CaSO4 ∙ 2H2O |  |
|  |  |  | lime (not the fruit!) |
| (IV) |  | TiO2 |  |
| zinc oxide |  |  |  |
|  |  | FeSO4 |  |
| magnesium hydroxide |  |  | milk of magnesia (antacid/laxative) |
|  |  | KNO3 |  |

|  |  |  |
| --- | --- | --- |
| **Acids** | **Formula** | **Common Name or Use** |
| hydrochloric acid |  |  |
|  | H2SO4 |  |
| sulfurous acid |  |  |
|  |  | carbonated water |
|  | H3PO4 |  |
| nitric acid |  |  |
|  | HC2H3O2 |  |
| perchloric acid |  |  |
|  |  |  |
| **Covalent** | **Formula** | **Common Name or Use** |
| carbon dioxide |  |  |
|  | CO |  |
|  | N2O4 |  |
| nitrogen trihydride |  |  |
|  | N2O |  |
|  |  | quartz, glass |
| titanium dioxide |  |  |
|  | SO3 |  |
|  | SF6 |  |
| diantimony pentoxide |  |  |