*Fill in the following table. Remember, the prefixes tell you the quantity.*

**Covalent Compounds Practice**

Name:

Date:

Blk:

Science 10-*Chemistry*

|  |  |  |  |
| --- | --- | --- | --- |
| **Compound Name** | **Compound Formula** | **Compound Name** | **Compound Formula** |
| carbon monoxide |  | boron trichloide |  |
| carbon tetrachloride |  | carbon tetraiodide |  |
| carbon dioxide |  | boron trichloride |  |
| sulphur dioxide |  | carbon tetrafluoride |  |
| sulphur trioxide |  | selenium trioxide |  |
| diphosphorous trioxide |  | nitrogen trifluoride |  |
| dihydrogen dioxide |  | sulphur dichloride |  |
| selenium trioxide |  | nitrogen dioxide |  |
| carbon tetrafluoride |  | dinitrogen tetroxide |  |

*Write the formula for the following:*

hydrogen\_\_\_\_\_\_\_\_\_\_\_ oxygen\_\_\_\_\_\_\_\_\_ nitrogen\_\_\_\_\_\_\_\_\_\_ chlorine\_\_\_\_\_\_\_\_\_\_

fluorine\_\_\_\_\_\_\_\_\_\_ iodine\_\_\_\_\_\_\_\_\_\_ bromine\_\_\_\_\_\_\_\_\_\_

What should you always remember about the above elements when writing chemical formulae and reactions?

*Fill in the following table with compound names. Remember the prefixes.*

|  |  |  |  |
| --- | --- | --- | --- |
| **Compound Formula** | **Compound Name** | **Compound Formula** | **Compound Name** |
| **CO** |  | **NO** |  |
| **CO2** |  | **N2O4** |  |
| **SO2** |  | **CS2** |  |
| **NO2** |  | **PCl3** |  |
| **N2O2** |  | **PBr5** |  |
| **SO3** |  | **P2O5** |  |
| **CCl4** |  | **C3H8** |  |