**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**HONORS Ionic Practice #3 – Transition Metals**

**Fill in the chart below.**

**Be sure you pay attention to the endings! (Is it an element or polyatomic ion)**

|  |  |  |  |
| --- | --- | --- | --- |
| Compound Name | **WRITE CHARGES HERE:** | **CAN THE NUMBERS BE REDUCED?** | **CROSS CHARGES TO GET FORMULA:**  |
| 1. Copper (I) Chlorine
 |  |  |  |
| 1. Iron (III) Sulfide
 |  |  |  |
| 1. Zinc (II) Iodide
 |  |  |  |
| 1. Tin (IV) Selenide
 |  |  |  |
| 1. Palladium (IV) Bromide
 |  |  |  |
| 1. Nickel (II) Carbonate
 |  |  |  |
| 1. Chromium (III) Sulfate
 |  |  |  |
| 1. Silver (I) Nitrate
 |  |  |  |
| 1. Titanium (II) Phosphate
 |  |  |  |
| 1. Scandium (III) Hydroxide
 |  |  |  |
| 1. Manganese (IV) Sulfate
 |  |  |  |
| 1. Copper (II) Iodide
 |  |  |  |
| 1. Zinc (II) Hydroxide
 |  |  |  |
| 1. Iron (II) Phosphate
 |  |  |  |
| 1. Silver (I) Sulfate
 |  |  |  |

**YOU WILL NOT BE REQUIRED TO NAME THESE COMPOUNDS. YOU JUST NEED TO BE ABLE TO WRITE THE FORMULA!**