**Writing Ionic Compound Formulas ½ Sheet In-Class Practice**

*Complete the following table – you will need to write the charges of the ions first so you can do the cross over and down! Don’t forget to simplify!*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **zinc** | **iron (II)** | **iron (III)** | **gallium** | **silver** | **lead (IV)** |
| **chloride** | ZnCl2 |  |  |  |  |  |
| **nitrate** |  |  |  |  |  |  |
| **oxide** |  | FeO |  |  |  |  |
| **nitride** |  |  |  |  |  |  |
| **sulfate** |  |  |  |  |  |  |

*Complete the following practice problems – write the ions first, then write the completed (simplified if necessary) chemical formula. (see example for how to set it up!)*

1. vanadium (III) selenide \_ \_\_V+3 Se-2 🡪 V2Se3\_\_\_
2. copper (II) chloride \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. lithium acetate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. beryllium oxide \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. sodium sulfate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. ammonium nitrate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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