Chemistry – Writing Ionic Formulas Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Write the chemical formula for when the following elements bond.

1. Sr and O 6. B and N

2. K and Br 7. Cs and P

3. Be and F 8. Li and I

4. Li and S 9. Ca and P

5. Ca and O 10. Al and Cl

Write the chemical formula for the following elements and polyatomic ions

1. Mg and Sulfate 6. K and sulfite

2. Na and hydroxide 7. Ca and cyanide

3. B and phosphate 8. Ba and chlorite

4. Ca and nitrate 9. Mg and phosphate

5. Li and nitrite 10. Fr and carbonate

Write the chemical formula the when the following transition metals and elements bond.

1. Fe (III) and N

2. Os (VI) and O

3. Cu (I) and S

4. Mo (III) and Se

5. Ni (II) and N

Mixed Practice

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| 1. Sodium and chlorine | 9. Nickel (II) and sulfate |
| 2. Magnesium and Bromine | 10. Ammonium and hydroxide |
| 3. Calcium and hydroxide  | 11. Silver (II) and chlorine |
| 4. Lithium and sulfate | 12. Barium and oxygen  |
| 5. Magnesium and phosphate | 13. Mercury (III) and sulfur  |
| 6. Lead(IV) and Nitrate | 14. Potassium and bromine |
| 7. Iron (III) and sulfate  | 15. Copper (I) and oxygen  |
| 8. Copper (II) and hydroxide | 16. Tin (IV) and nitrate  |