

Wkst: 8B

NAME Key

### NAMING COMPOUNDS

DIRECTONS: Write the names for the following compounds in the space provided. Use Roman numerals where appropriate. Use covalent prefixes where appropriate.

\* Circle the number of the covalent compounds (two nonmetals).

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|--|---|
| 1. KOH <u>Potassium Hydroxide</u>  | 17. HgO <u>Mercury II Oxide</u>   |
| 2. NH <sub>4</sub> NO <sub>3</sub> <u>Ammonium Nitrate</u>                               | ⑱ SO <sub>3</sub> <u>Sulfur tri-oxide</u>                                     |
| 3. LiCl <u>Lithium chloride</u>  | ⑲ SO <sub>2</sub> <u>Sulfur di-oxide</u>                                      |
| 4. NaC <sub>2</sub> H <sub>3</sub> O <sub>2</sub> <u>Sodium Acetate</u>                  | ⑳ P <sub>4</sub> O <sub>10</sub> <u>tetra-phosphorus<br/>deca-oxide</u>       |
| ⑤ PCl <sub>3</sub> <u>Phosphorus tri-chloride</u>  | 21. Na <sub>2</sub> CO <sub>3</sub> <u>Sodium Carbonate</u>                   |
| ⑥ N <sub>2</sub> O <sub>5</sub> <u>Di-Nitrogen Penta-Oxide</u>                           | 22. (NH <sub>4</sub> ) <sub>3</sub> PO <sub>4</sub> <u>Ammonium Phosphate</u> |
| 7. Pb(OH) <sub>2</sub> <u>Lead II Hydroxide</u>  | ⑳ N <sub>2</sub> O <u>Di-Nitrogen Oxide</u>                                   |
| 8. FeCl <sub>3</sub> <u>Iron III chloride</u>  | ㉑ N <sub>2</sub> O <sub>3</sub> <u>Di-Nitrogen tri Oxide</u>                  |
| 9. K <sub>2</sub> SO <sub>4</sub> <u>Potassium Sulfate</u>                               | ㉒ SiCl <sub>4</sub> <u>Silicon tetra chloride</u>                             |
| 10. NaClO <sub>3</sub> <u>Sodium Chlorate</u>  | 26. SnI <sub>4</sub> <u>Tin IV Iodide</u>                                     |
| 11. NH <sub>4</sub> Cl <u>Ammonium chloride</u>  | 27. Co(NO <sub>2</sub> ) <sub>2</sub> <u>Cobalt II Nitrite</u>                |
| 12. Ba(C <sub>2</sub> H <sub>3</sub> O <sub>2</sub> ) <sub>2</sub> <u>Barium Acetate</u> | ㉓ AsCl <sub>4</sub> <u>Arsenic tetra chloride</u>                             |
| 13. (NH <sub>4</sub> ) <sub>2</sub> S <u>Ammonium Sulfide</u>                            | ㉔ AsCl <sub>5</sub> <u>Arsenic PentaChloride</u>                              |
| 14. CuCl <sub>2</sub> <u>Copper II chloride</u>  | 30. LiBr <u>Lithium Bromide</u>   |
| 15. Zn <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> <u>Zinc Phosphate</u>                | 31. MgCl <sub>2</sub> <u>Magnesium Chloride</u>                               |
| ⑲ CO <sub>2</sub> <u>Carbon Di-oxide</u>   | 32. H <sub>2</sub> SO <sub>4</sub> <u>Hydrogen Sulfate</u>                    |