**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ # \_\_\_\_\_**

**Word Equations WS**

1. Sodium and sulfur combine to form sodium sulfide.

2. Carbon dioxide is formed from the elements carbon and oxygen.

3. Nitrogen trihydride is manufactured by combining hydrogen and nitrogen.

4. Calcium carbonate can be decomposed to form calcium oxide and carbon dioxide.

5. Water is the product of hydrogen and oxygen.

6. Copper (II) chloride and aluminum react to form copper and aluminum chloride.

7. Potassium reacts with water to form potassium hydroxide and hydrogen gas.

8. Aluminum and iron (III) oxide react to form aluminum oxide and iron.

9. Potassium chlorate decomposes to yield potassium chloride and oxygen.

10. Glucose (C6H12O6) combines with oxygen to produce water and carbon dioxide.

11. Carbon plus water yields carbon monoxide and hydrogen.

12. Ammonium nitrate decomposes to form dinitrogen monoxide and dihydrogen monoxide.

13. Iron and oxygen combine to form iron (III) oxide.

14. Copper plus silver (I) nitrate yields silver plus copper (II) nitrate.

15. Silver (I) nitrate and potassium sulfate combine to produce silver (I) sulfate and potassium nitrate.

16. Nitrogen trihydride plus oxygen yields nitrogen monoxide plus dihydrogen monoxide.

17. Magnesium combines with copper (II) nitrate to form copper and magnesium nitrate.

18. Potassium sulfate and water are produced when sulfuric acid (H2SO4) and potassium hydroxide are combined.