

Chemistry Name _____ Block _____ Date _____

Group Members: _____

Chemical Equations

Write balanced chemical equations for each of the following reactions.

1. Aluminum nitrate + sodium hydroxide \rightarrow aluminum hydroxide + sodium nitrate

2. Potassium chlorate \rightarrow potassium chloride + oxygen

3. Phosphoric acid (H_3PO_4) + magnesium hydroxide \rightarrow magnesium phosphate + water

4. Ammonium nitrite \rightarrow nitrogen + water

5. Ammonia (NH_3) + oxygen \rightarrow nitrogen monoxide + water

6. Barium chloride + sodium sulfate \rightarrow sodium chloride + barium sulfate

7. Iron(III) oxide + carbon monoxide \rightarrow iron + carbon dioxide

8. Calcium oxide + diphosphorus pentoxide \rightarrow calcium phosphate

9. magnesium chloride + silver nitrate \rightarrow magnesium nitrate + silver chloride

10. sodium carbonate + sulfuric acid (H_2SO_4) \rightarrow sodium sulfate + carbon dioxide + water

11. Aluminum hydroxide + acetic acid \rightarrow aluminum acetate + water

12. Lead(II) nitrate + copper(II) sulfate \rightarrow lead(II) sulfate + copper(II) nitrate