

CLASSIFICATION OF TYPES OF REACTIONS

NAME _____ PERIOD _____

- ***Write and balance the equations for each reaction.***
- ***Classify each reaction by type. More than one classification may apply.***

1. potassium chlorate $\rightarrow$ potassium chloride + oxygen

Type _____

2. aluminum nitrate + sodium hydroxide $\rightarrow$ aluminum hydroxide + sodium nitrate

Type _____

3. ammonium nitrite $\rightarrow$ nitrogen + water

Type _____

4. iron(III) bromide + ammonium sulfide $\rightarrow$ iron(III) sulfide + ammonium bromide

Type _____

5. calcium oxide + diphosphorus pentoxide $\rightarrow$ calcium phosphate

Type _____

6. aluminum + copper(II) chloride $\rightarrow$ aluminum chloride + copper

Type _____

7. calcium hydroxide + nitric acid $\rightarrow$ calcium nitrate + water

Type_____

8. bromine + magnesium iodide $\rightarrow$ magnesium bromide + iodine

Type_____

9. sodium bicarbonate $\rightarrow$ sodium oxide + carbon dioxide + water

Type_____

10. aluminum + oxygen $\rightarrow$ aluminum oxide

Type_____

11. iron + silver acetate $\rightarrow$ iron(II) acetate + silver

Type_____

12. sodium hydroxide + sulfuric acid $\rightarrow$ sodium sulfate + water

Type_____

13. aluminum chloride + sulfuric acid $\rightarrow$ aluminum sulfate + hydrogen chloride

Type_____