



**Directions:** Predict the products for each reaction, balance, write the type of reaction and name the products formed.

1. Strontium and Iodine  $\rightarrow$

\_\_\_\_\_

Type of reaction: \_\_\_\_\_

Name of product/s formed: \_\_\_\_\_

2. \_\_\_\_\_  $\text{Mg}(\text{OH})_2$  + \_\_\_\_\_  $\text{H}_3\text{PO}_4 \rightarrow$  \_\_\_\_\_

Type of reaction: \_\_\_\_\_

Name of product/s formed: \_\_\_\_\_

3. \_\_\_\_\_  $\text{Mg}$  + \_\_\_\_\_  $\text{Zn}(\text{NO}_3)_2 \rightarrow$  \_\_\_\_\_

Type of reaction: \_\_\_\_\_

Name of product/s formed: \_\_\_\_\_

4. Silver (I) carbonate decomposes into silver (I) oxide and carbon dioxide when it is heated.

\_\_\_\_\_

Type of reaction: \_\_\_\_\_

Name of product/s formed: \_\_\_\_\_

5. \_\_\_\_\_  $\text{Na}$  + \_\_\_\_\_  $\text{HOH} \rightarrow$  \_\_\_\_\_

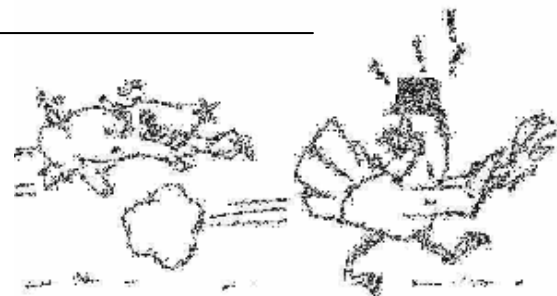
Type of reaction: \_\_\_\_\_

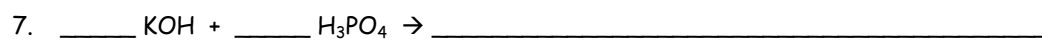
Name of product/s formed: \_\_\_\_\_

6. \_\_\_\_\_  $\text{H}_2\text{O}_2 \rightarrow$  \_\_\_\_\_

Type of reaction: \_\_\_\_\_

Name of product/s formed: \_\_\_\_\_





Type of reaction: \_\_\_\_\_

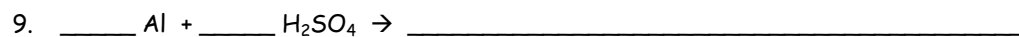
Name of product/s formed: \_\_\_\_\_

8. When metallic iron is dropped into hydrochloric acid, bubbles of hydrogen gas and aqueous iron (III) chloride are produced.

\_\_\_\_\_

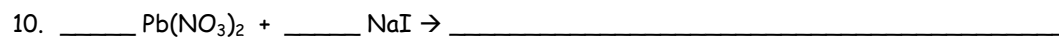
Type of reaction: \_\_\_\_\_

Name of product/s formed: \_\_\_\_\_



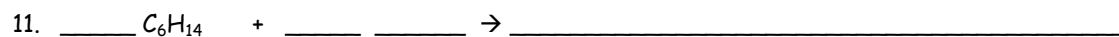
Type of reaction: \_\_\_\_\_

Name of product/s formed: \_\_\_\_\_



Type of reaction: \_\_\_\_\_

Name of product/s formed: \_\_\_\_\_



Type of reaction: \_\_\_\_\_

Name of product/s formed: \_\_\_\_\_

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: In order to be **SUCCESSFULL** on  
: this test you need to know how to  
: write chemical formulas and be  
: able to name chemical compounds!!!  
: .....