

6 types  
of rxns

Name: \_\_\_\_\_

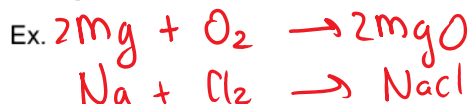
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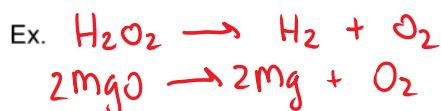
**Chemical Reactions:**

Lesson 13 – Types of Chemical Reactions

**1) Synthesis:  $A + B \rightarrow AB$**



**2) Decomposition:  $AB \rightarrow A + B$**



**3) Single Replacement:  $A + BC \rightarrow B + AC$**



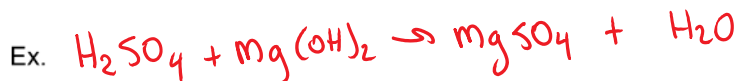
Single Replacement:  
 $A + BC \rightarrow B + AC$  when A is a metal  
 $A + BC \rightarrow C + BA$  when A is a non-metal

**4) Double replacement:  $AB + CD \rightarrow CB + AD$**



Ex.

**5) Neutralization: Acid + Base  $\rightarrow$  Salt + Water**



**6) Combustion: Organic Compound + Oxygen Gas  $\rightarrow$  Carbon Dioxide + Water**

$\hookrightarrow$  Has C and H Balance Hint: C, H, O

