

NAME: _____ PERIOD: _____

ACTIVITY #15 – CLASSIFYING CHEMICAL REACTIONS

PURPOSE:

OBSERVATIONS:

REACTANTS	OBSERVATIONS
Mg + O ₂	
H ₂ O + CO ₂	
C ₆ H ₁₂ O ₆	
Fe + CuSO ₄	
PbNO ₃ + NaI	
Zn + HCl	

REPORT:

- 1) What evidence is there that a chemical reaction took place?

- 2) Which reaction produced a precipitate?

3) Write a complete equation for each of the reactions.

$\text{Mg} + \text{O}_2 \rightarrow$
$\text{H}_2\text{O} + \text{CO}_2 \rightarrow$
$\text{C}_6\text{H}_{12}\text{O}_6 \rightarrow$
$\text{Fe} + \text{CuSO}_4 \rightarrow$
$\text{PbNO}_3 + \text{NaI} \rightarrow$
$\text{Zn} + \text{HCl} \rightarrow$

4) Identify each of the reactions that took place.

$\text{Mg} + \text{O}_2 \rightarrow$
$\text{H}_2\text{O} + \text{CO}_2 \rightarrow$
$\text{C}_6\text{H}_{12}\text{O}_6 \rightarrow$
$\text{Fe} + \text{CuSO}_4 \rightarrow$
$\text{PbNO}_3 + \text{NaI} \rightarrow$
$\text{Zn} + \text{HCl} \rightarrow$

CONCLUSION: