

Name:

Partner:

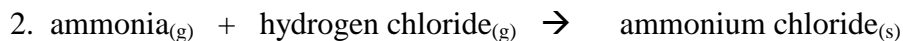
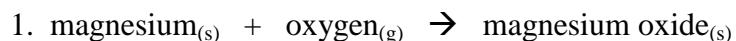
Reactions Lab Hand-In

Data Table 1: Observations

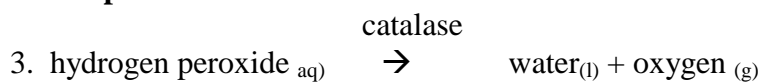
Reaction #	Reactants	Observations (Evidence for Reaction)
Combination Reactions – Instructor Demonstration		
1	Mg + O ₂	
2	NH ₃ + HCl	
Decomposition Reaction		
3	H ₂ O ₂	
Complete Combustion of Organic fuel reaction		
4	CH ₄ + O ₂	
5	C ₂ H ₅ OH + O ₂	
Single Replacement Reactions		
6	Zn + CuSO ₄	
7	Mg + HCl	
Double Replacement Precipitation Reactions		
8	CuSO ₄ + NaOH	
9	CaCl ₂ + Na ₂ SO ₄	
10	K ₂ CO ₃ + CaCl ₂	
Double Replacement Gas forming Reactions		
11	K ₂ CO ₃ + HCl	
12	H ₂ SO ₄ + Na ₂ CO ₃	
Double Replacement Neutralization Reactions		
13	HNO ₃ + NaOH	
14	H ₂ SO ₄ + NaOH	

Results: Translate and balance each word description chemical reaction.

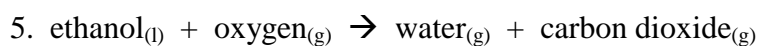
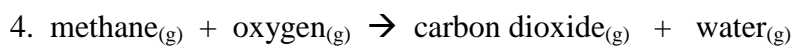
Combination Reactions



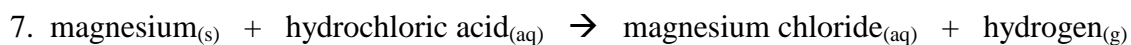
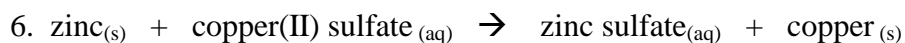
Decomposition Reactions



Complete Combustion of Organic Fuel Reactions

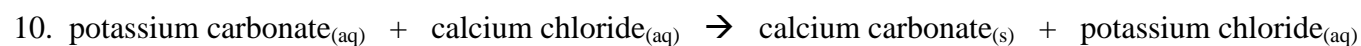
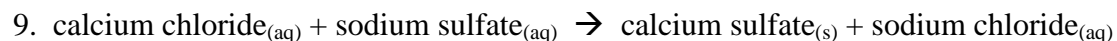
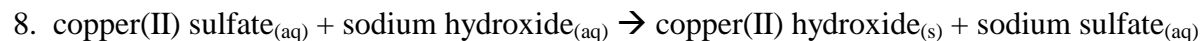


Single-Replacement Reactions

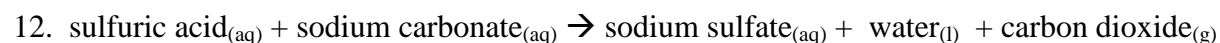
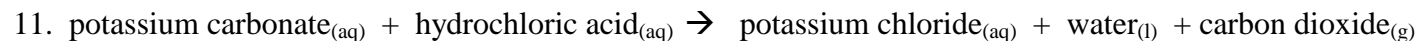


Double-Replacement Reactions

A. Precipitation Reaction



B. Gas Forming Reactions



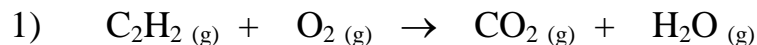
C. Neutralization Reactions



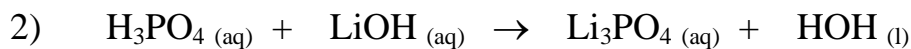
Conclusion: List some indicators of chemical reactions:

Questions

Balance and Classify the following chemical reactions:



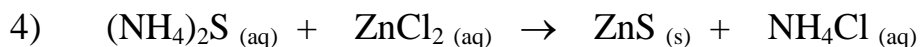
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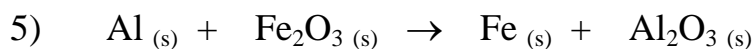
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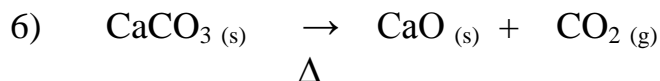
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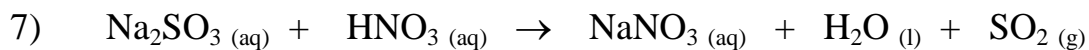
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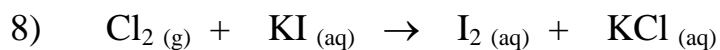
Classification: _____



Classification: _____



Classification: _____



Classification: _____