

Types of Chemical Reactions

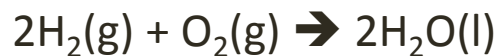
Target: Today I will be able to identify the five types of chemical reactions, and be able to classify a chemical reaction as one of the five. Pg. 99



Balancing Equations Using Models, Pg. 100

- For each of the following reactions, record the mass of the reactants and the mass of the products.
- USE THE SAME BALLS, and don't include the sticks.
- Draw a table
- Work with your lab partner(s)

Table, Pg. 100



	Reactants	Products
Mass:		
Drawing:		
$\text{N}_2(\text{g}) + 3\text{H}_2(\text{g}) \rightarrow 2\text{NH}_3(\text{g})$		
	Reactants	Products
Mass:		
Drawing:		
$\text{CH}_4(\text{g}) + 2\text{O}_2(\text{g}) \rightarrow \text{CO}_2(\text{g}) + 2\text{H}_2\text{O}(\text{l})$		
	Reactants	Products
Mass:		
Drawing:		

Homework



- Finish “Bag of Reaction” Lab – answer all questions in complete sentences and LEGIBLY
- HW: Read pp. 276-284
- Create a flowchart that organizes the similarities and differences between the five types of chemical reactions. This will serve as your study guide for assigning a chemical reaction to one or more reaction category. **Pg. 98**
- **Due Thursday, 1/16**
- **Note time spent in your study log.**

