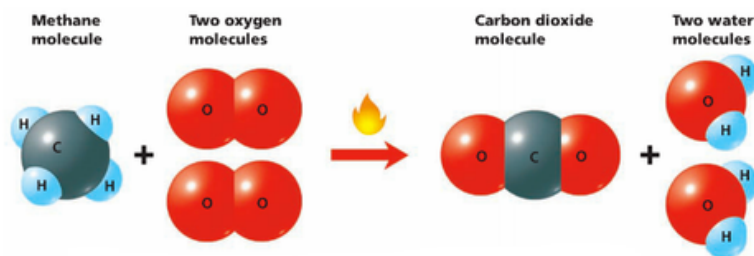


Intervention 1.3 & 1.6

Law of Conservation of Mass/Physical and Chemical Changes



Use the picture to the left to answer #1-4

1. What are the reactants?

2. What are the products?

3. In the above picture, how many Oxygen (O) ATOMS are in the reactants? _____ products _____?
4. In the above picture, how many Hydrogen (H) ATOMS are in the reactants? _____ products _____?
5. If **six** carbon atoms react with water to form sugar, how many carbon atoms are in the products? _____

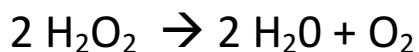
6. The formula for the reaction of NaCl and AgNO₃ is: $\text{NaCl} + \text{AgNO}_3 \rightarrow \text{NaNO}_3 + \text{AgCl}$

What are the reactants?

What are the products?

7. Draw the "Elephant's Toothpaste" demo that you watched in class. →→→

8. The chemical equation for Elephant's Toothpaste is:



a. What are the **reactants** in this reaction?

b. What are the **products** in this reaction?

9. How can the "Law of Conservation of Mass" can be seen in this reaction?

10. List the 4 KEYS to identify a chemical change (you can find these in your notes).

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Define the following and give an example

	Definition	Example
Physical Property		
Chemical Property		
Physical Change		
Chemical Change		

Draw a colored example for each and explain how it is an example of the term.

<p>Physical Property</p> <p>Explain:</p>	<p>Chemical Property</p> <p>Explain:</p>
<p>Physical Change</p> <p>Explain:</p>	<p>Chemical Change</p> <p>Explain:</p>