

REACTANTS AND PRODUCTS

Chemical Equation: We know that chemical equations have reactants and products.

- **Reactants** are **used up** in chemical reactions.
- **Products** are **created** in chemical reactions.

Choose the correct word (reactant or product) that best fits each description.

Question	Answer
Found on the left side of the equation.	
In the equation $\text{Na} + \text{Cl} \rightarrow \text{NaCl}$, it's the NaCl molecule.	
Molecules that enter into a chemical reaction.	
You witness a chemical reaction. Afterwards, you see water vapor has condensed on the sides of the container. Water must be a	
Found on the right side of the equation.	
Molecules that decrease during a chemical reaction.	
In the equation $\text{Na} + \text{Cl} \rightarrow \text{NaCl}$, it's the Na and the Cl molecules.	
Molecules that are formed in a chemical reaction.	
Molecules that increase during a chemical reaction.	
The statue of liberty is made of copper. Over the years it has reacted with oxygen to create a copper oxide, which is what makes it green. Copper and oxygen are examples of...	

Formula:

Read the following scenario. Then drag each word and symbol into the correct spot in the formula.

When car engines run, they often produce toxic gases such as carbon monoxide (CO). Modern cars use a device called a catalytic converter to reduce the amount of carbon monoxide released into the environment. The catalytic converter combines carbon monoxide and oxygen (O_2) to form carbon dioxide (CO_2). While too much carbon dioxide can harm the environment, this gas is less toxic than carbon monoxide.



Reactants			Products		
CO					