

## ELEMENT

An element is the simplest substance. There are many unique elements but they are all different and cannot be broken down any further and still have their own characteristics.



An element is like a flavor of ice cream, there are many different flavors but each is unique and cannot be substituted for another; if you want chocolate ice cream you have to pick the flavor chocolate.

## ATOM

An atom is the building block of all matter.

An atom is the basic unit of an element.

An atom is made of subatomic particles.



A scoop of ice cream is like an atom. It contains all of the characteristics of an element in **one unit**.

## MOLECULES

A molecule is 2 or more atoms that are chemically bound.



A molecule is like an ice cream cone with multiple scoops of ice cream. These scoops can be the same or different flavors so long as there are **more than 2 scoops**.

## COMPOUND MOLECULE

A compound molecule is a molecule (2 or more atoms) that is made of 2 or more elements.



A Compound molecule is like an ice cream cone with multiple scoops of differently flavored ice cream.

**At least 2 scoops**

**AND 2 flavors!!**