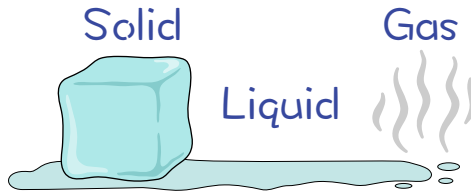


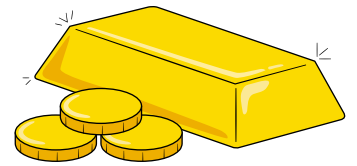
## Atom

The smallest part of an element that still behaves like that element.



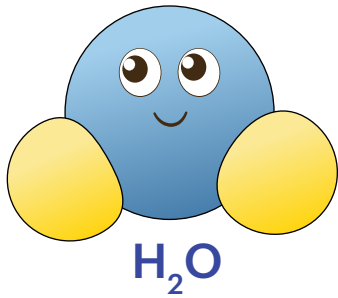
## Matter

Anything that takes up space and can be weighed.



## Element

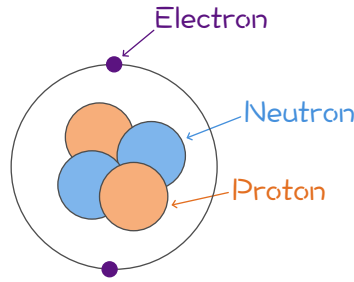
There are 118 known elements. Each element is made of one type of atom.



## Compound

A substance made of 2 or more elements

Sing the song for +1 points!



## Subatomic Particle

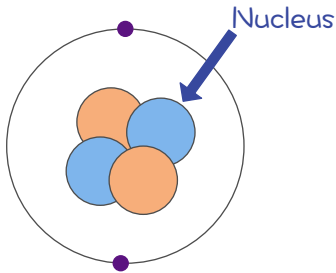
A particle that is smaller than an atom!

Sing the neutron song for +1 points!



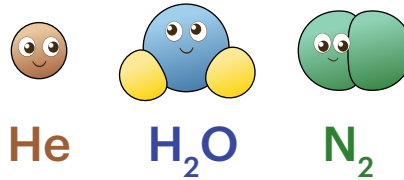
## Isotope

A version of an element with a specific mass.



## Nucleus

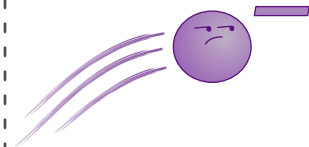
The positively charged center of the atom. Made of protons and neutrons.



## Molecule

The smallest part of a substance that has all the properties of that substance

Sing the electron song for +1 points!



## Electron

A negatively charged subatomic particle.



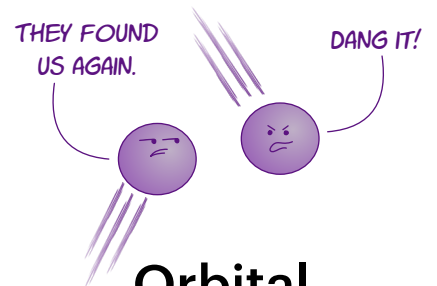
## Proton

A subatomic particle in the nucleus with a positive charge



## Neutron

A subatomic particle in the nucleus with no charge.



## Orbital

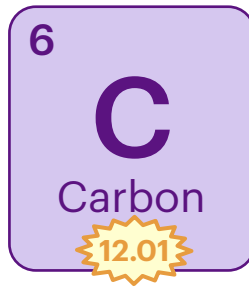
Orbitals show where an electron or pair of electrons are most likely to be.





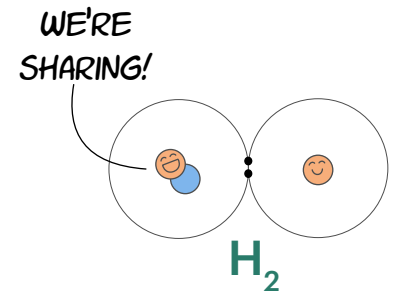
## Atomic Number

The number of protons in an atom.



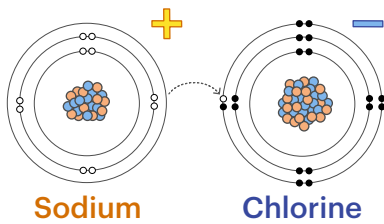
## Atomic Mass

The average number of protons and neutrons.



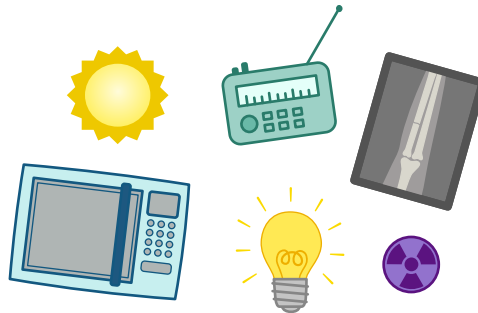
## Covalent Bond

When two atom share a pair of electrons



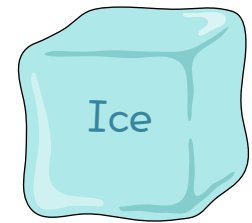
## Ionic Bond

A bond between oppositely-charged ions.



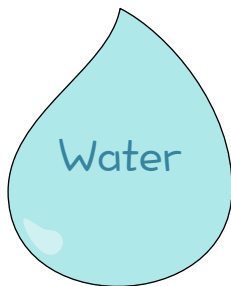
## Radiation

Energy such as radio waves, microwaves, heat, light, x-rays, or gamma waves.



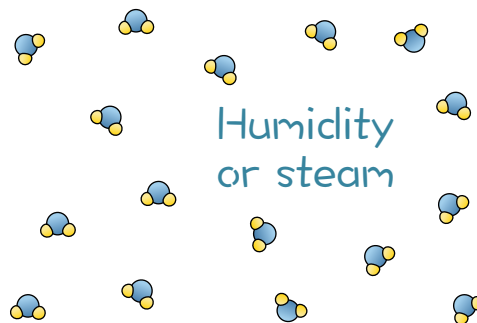
## Solid

Matter that maintains a fixed volume and shape



## Liquid

Matter that maintains its volume but adopts the shape of its container.



## Gas

Matter that expands to occupy the shape and volume of its container.



## Endothermic

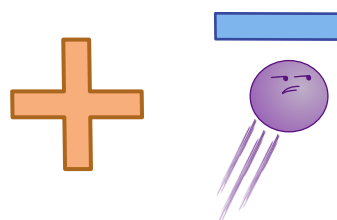
A process where heat is required or absorbed



## Exothermic

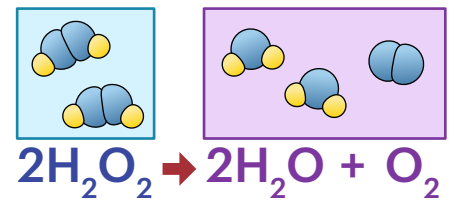
A process where heat is produced or released.

Sing the electron song for +1 points!



## Ion

An atom that has positive or negative charge.



## Reactants & Products

The molecules before and after a chemical reaction takes place.

