

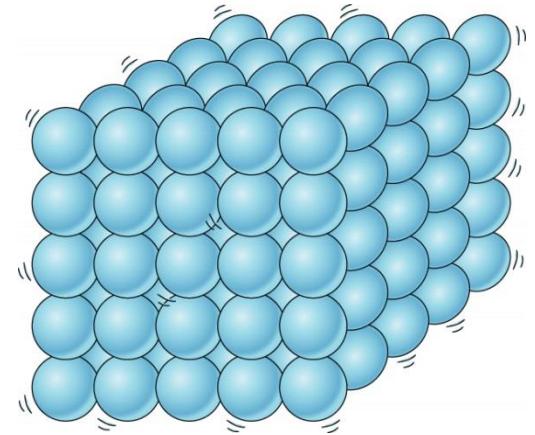
matter

Anything that has mass and takes up space.



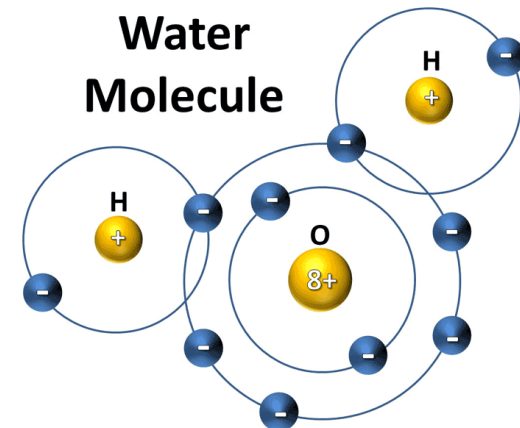
particle

An invisible piece of matter.

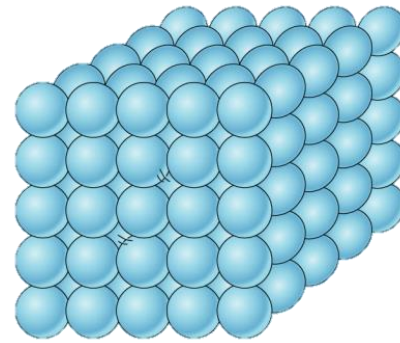


molecule

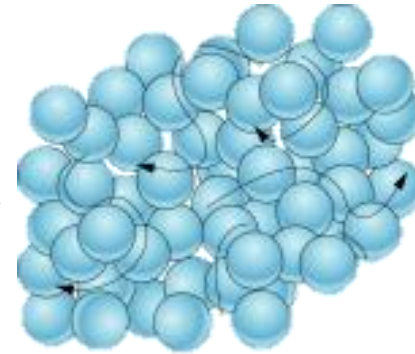
A group of atoms linked together



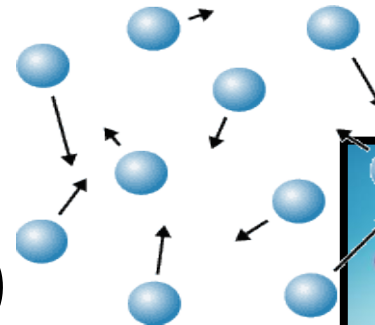
Solid Having a definite shape, mass, and volume.



liquid Having a definite mass and volume but no definite shape.



gas Having a definite mass but no definite shape or volume.



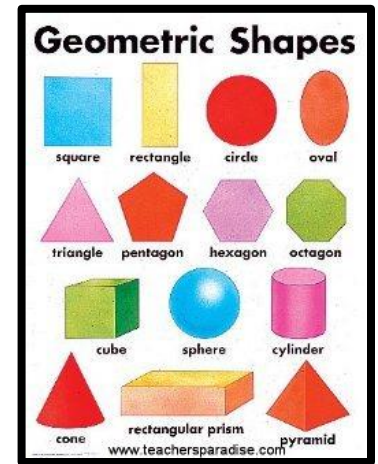
physical properties

Something that can be observed about an object using your senses.



shape

The outline of an object.



mass

The amount of matter in an object.



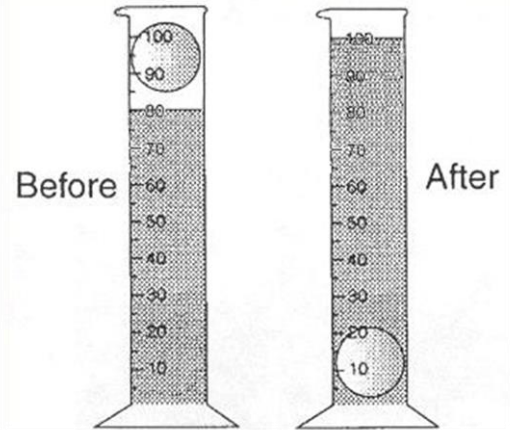
balance scale

A tool used to measure mass.



volume

The amount of space an object takes up.



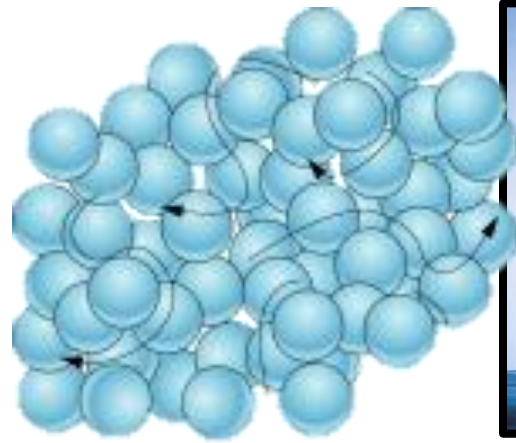
graduated cylinder

A tool used to measure volume.



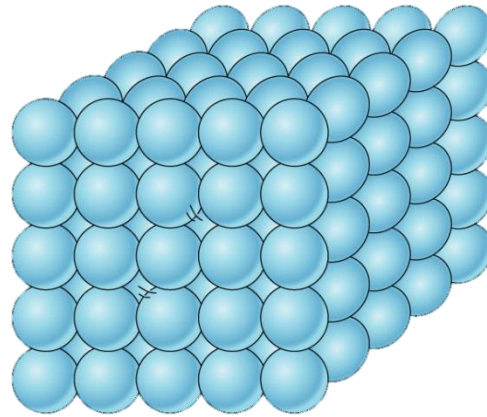
water

Liquid H_2O



ice

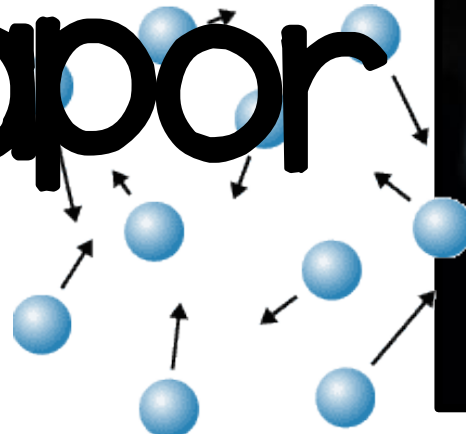
Solid H_2O



water

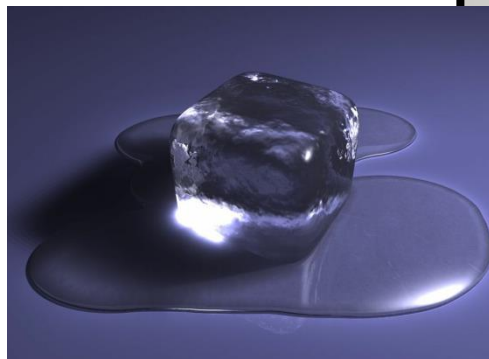
Gas H_2O

vapor



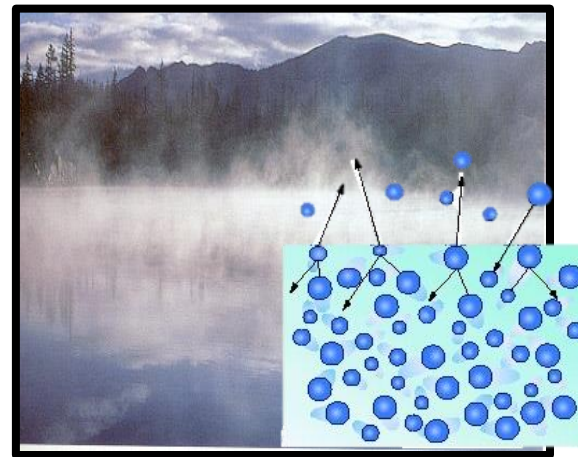
melt

To change from a solid to a liquid.



evaporation

To change from a liquid to a gas.



condensation

To change from a gas to a liquid.



freeze

To change from a liquid to a solid.



temperature

How hot or cold something is.

