Density and B*uoyancy*

Oct 19

Take a guess at what these terms mean.

You may have heard them before.



Density

- can be described as the crowdedness of the particles in a substance



- Scientifically, it is the amount of substance that occupies a particular space.

- Can be measured (Discussed later)

- A "heavy" substance has a high density
- A "light" substance has a low density



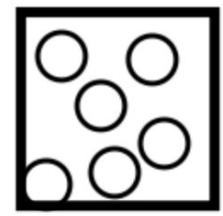


-According to the particle theory, different substances have different sized particles. The size of the particles determines the number of particles that can fit into a given space. Each substance has its own unique density, based on its particle size.



Liquid A

- small particles so many can fill the area



Liquid B

- Large particles so few fill the area

-Each substance has its own density