

Properties of matter

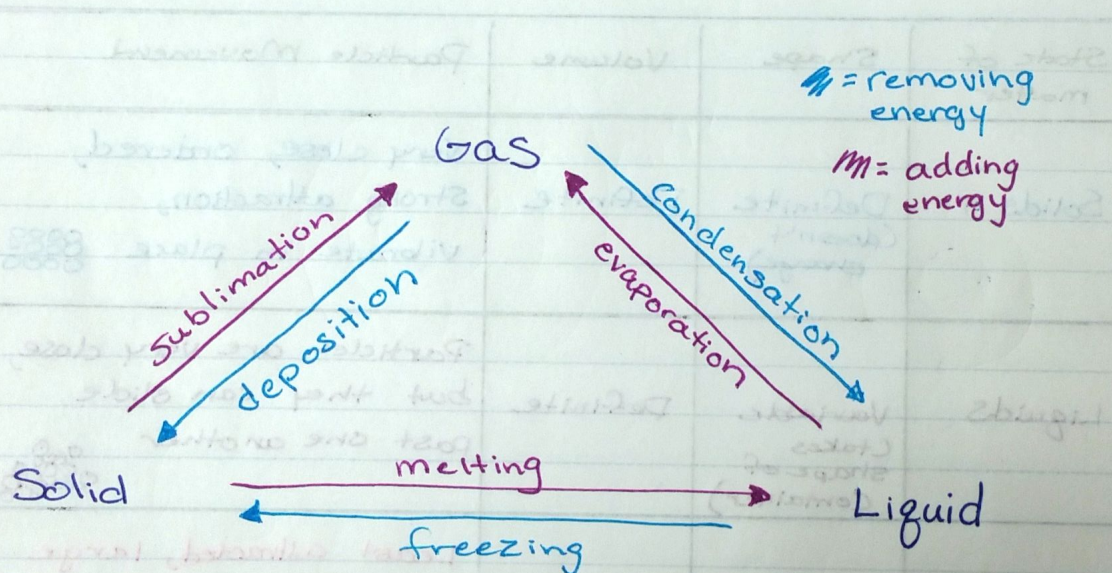
Surface tension (liquids) = force that acts on the particles at the surface of a liquid

- creates beads of water droplets
- different liquids have different tensions

Viscosity = liquids resistance to flow (high=honey, low=water)

Temperature:

- higher the temperature the faster matter's particles move, lower temperature = slower
- higher the temperature = higher energy



Physical Property = a property of a substance that can be observed without changing it
ex: color, texture, weight, volume, shape, melting point

Chemical Property: a property that can only be observed by changing the identity of a substance
ex: flammability, how it reacts with other substances