

# Physical Properties

TEKS: 3.7A,B  
TEKS: 4.7A,B,C  
TEKS: 5.7A,B,C,D



# Volume

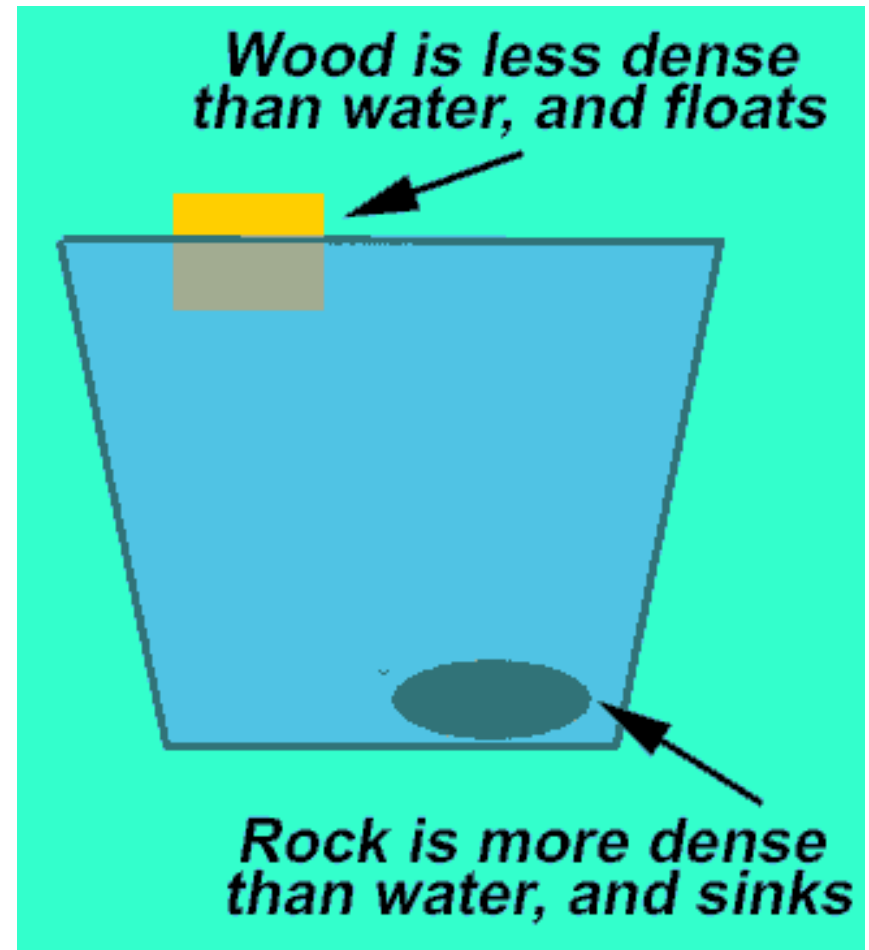


The amount of mass in a given volume measured in liters.

**A 2 liter bottle of coca cola always holds the same amount of liquid.**

# Density

The amount of matter in a certain volume.



# Buoyancy



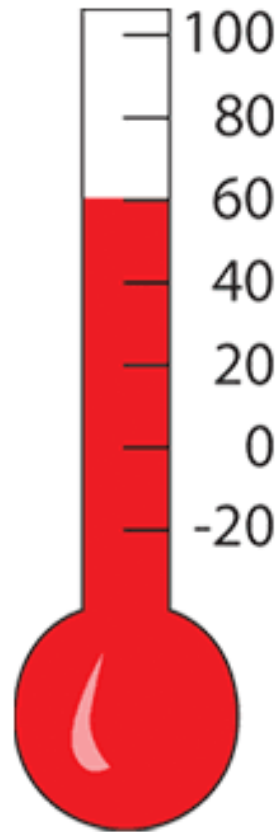
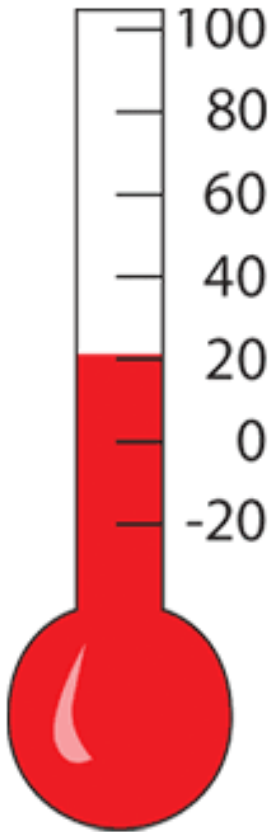
The ability of matter to float in liquid or gas.

# Hardness



The ability of one substance to scratch another substance.

# Temperature



A measure of the amount of heat present.

# Magnetism



The ability to attract iron.

# Mass



The amount of matter in a substance.



# Solid



A state of matter with a definite shape and volume.

# Dissolving



The apparent disappearance of one material in another when mixed.

# Liquid

A state of matter that has a definite volume but no definite shape.

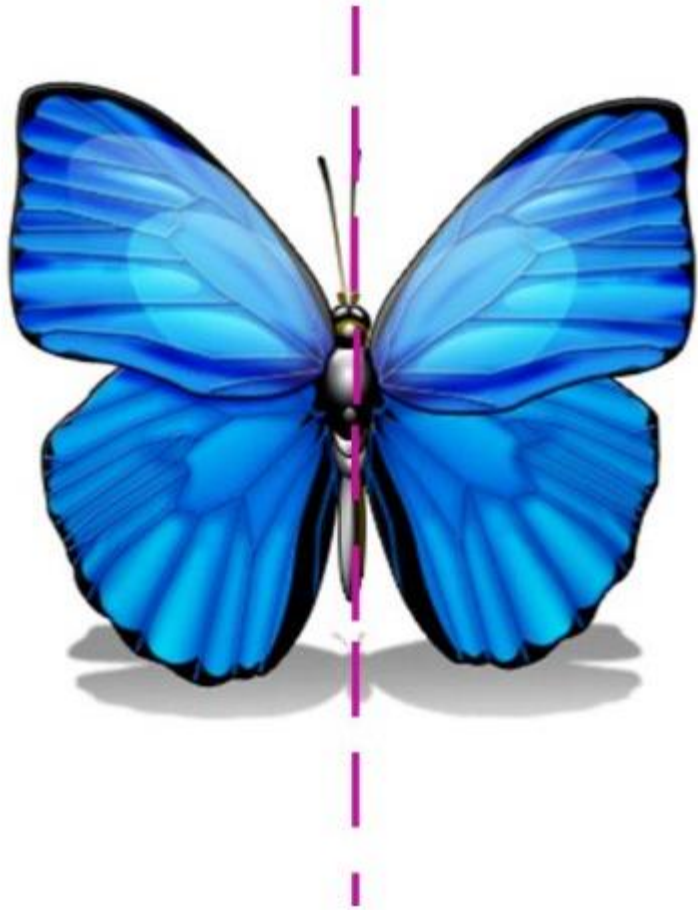


# Gas



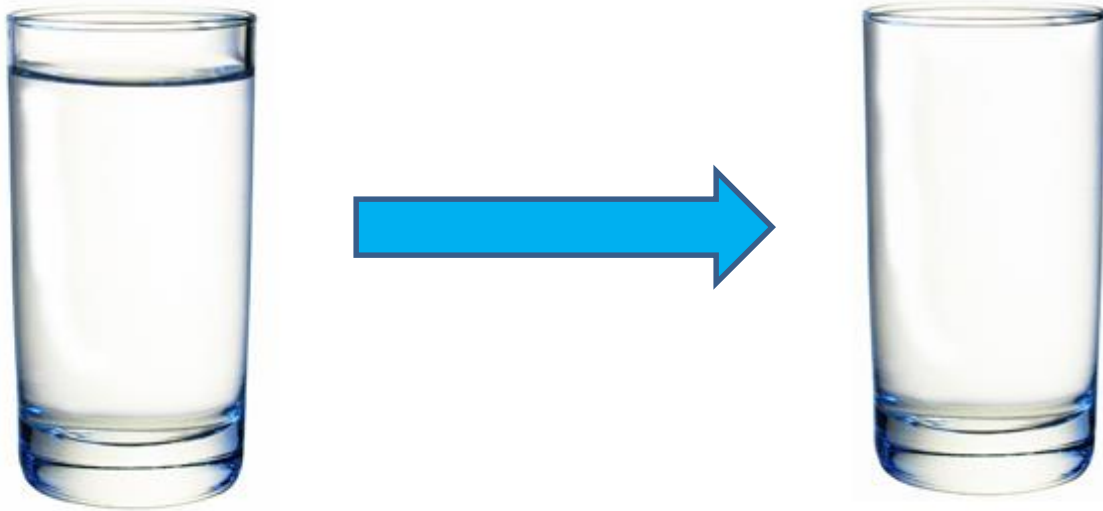
A state of matter with no definite volume or shape.

# Symmetry



Dividing an object  
into 2 equal halves.

# Evaporation



The process through which a liquid changes to a gas.

# Retain



The ability to hold in materials such as water.

# Condensation

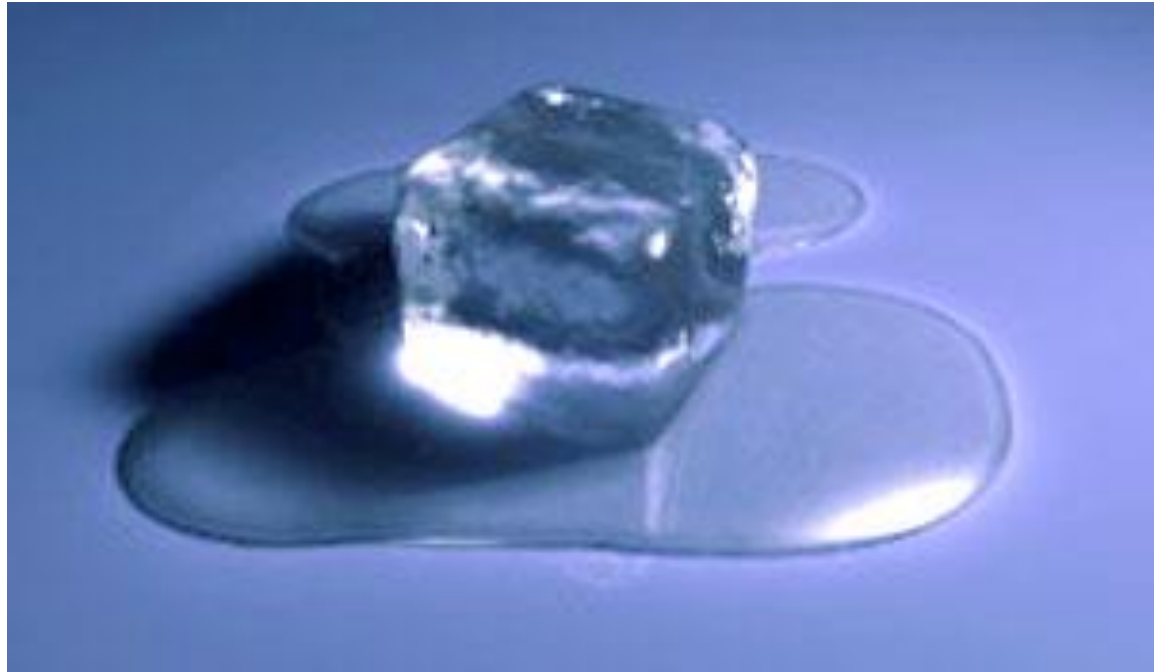


The process through which a gas changes to a liquid.



# Melting

The process through which a solid changes to a liquid.



# Freezing



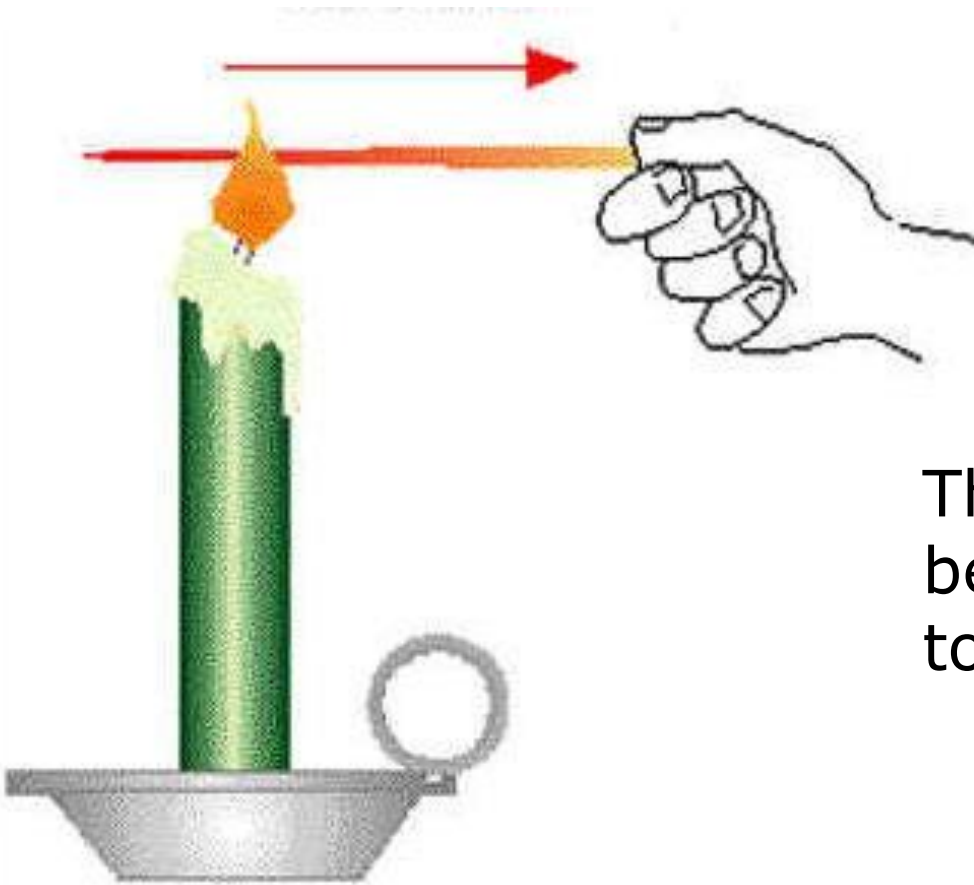
The process through which a liquid changes to a solid.

# Texture



The way an object feels when touched.

# Conduction



The movement of heat between objects that touch each other.

# Insulator

The ability of a substance to prevent electricity from flowing well.



# Mixture



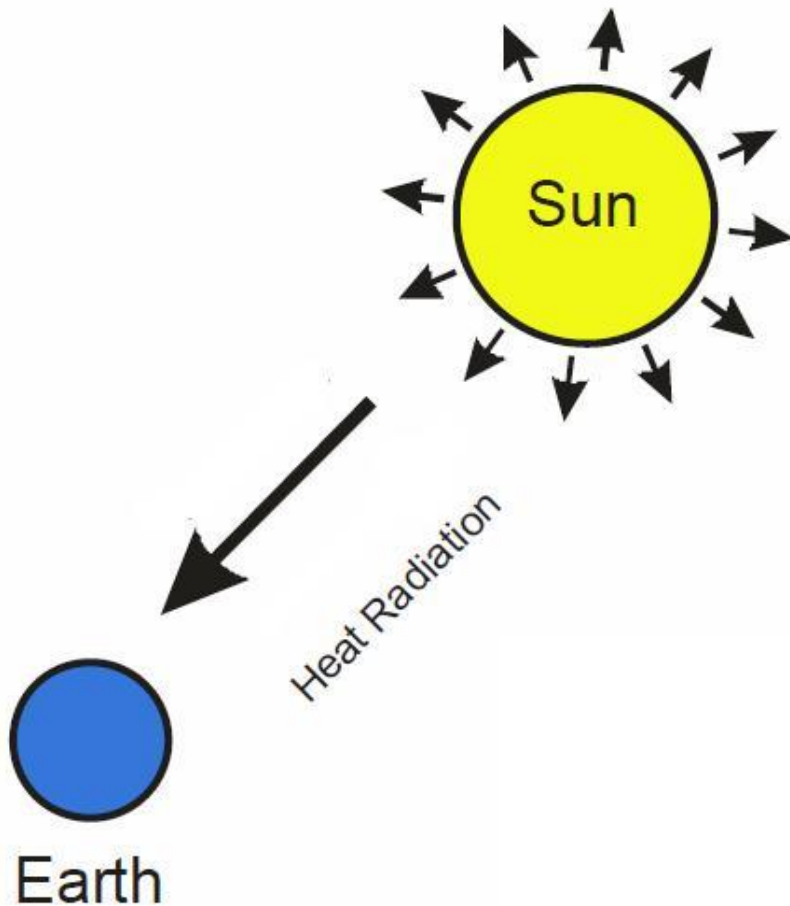
A combination of two substances in which each retains its physical properties.

# Solution

A substance dissolved in another to form a uniform substance.



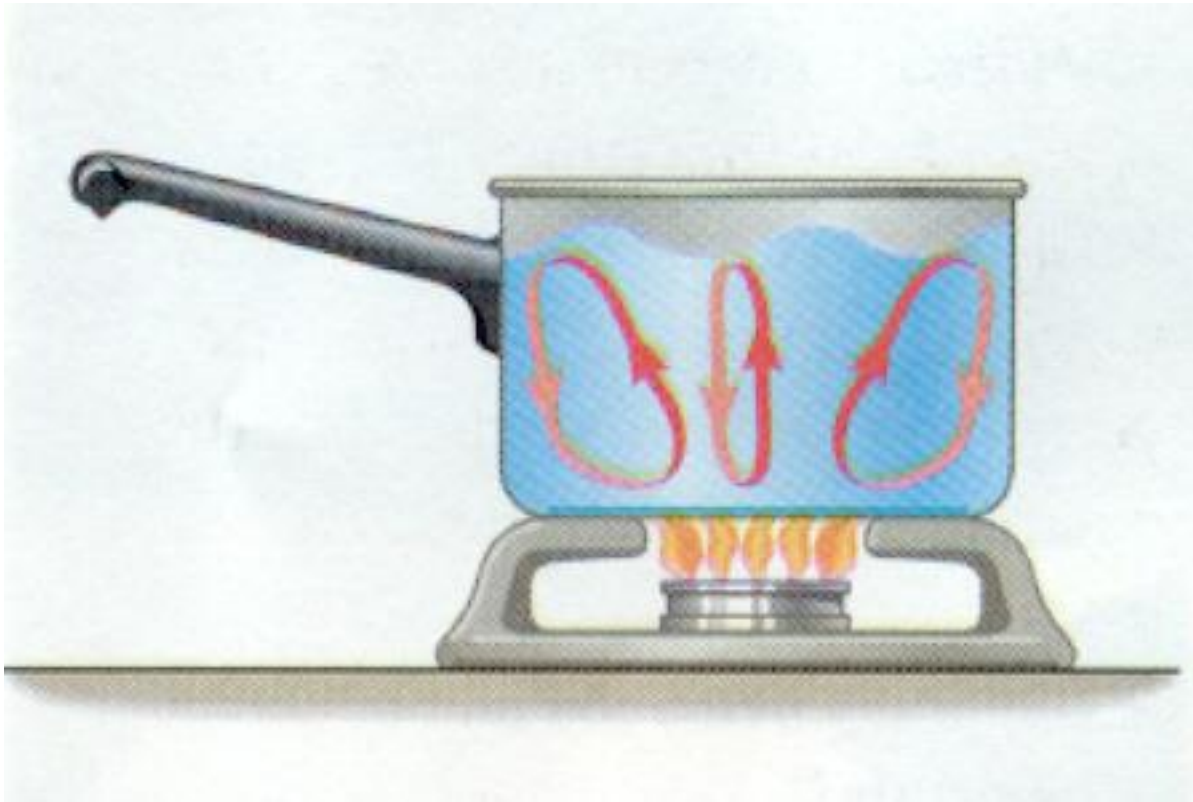
# Radiation



The transfer of heat energy through air and space as waves.

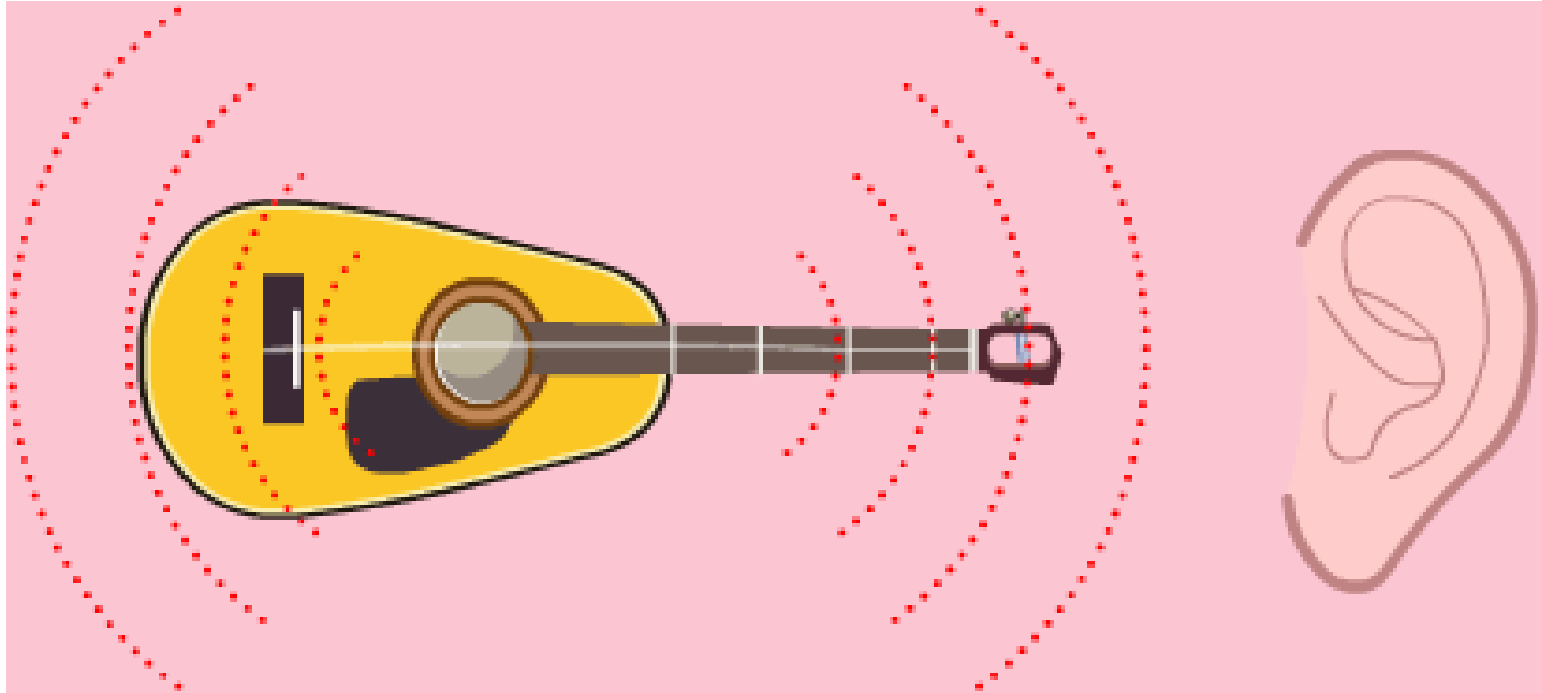


# Convection



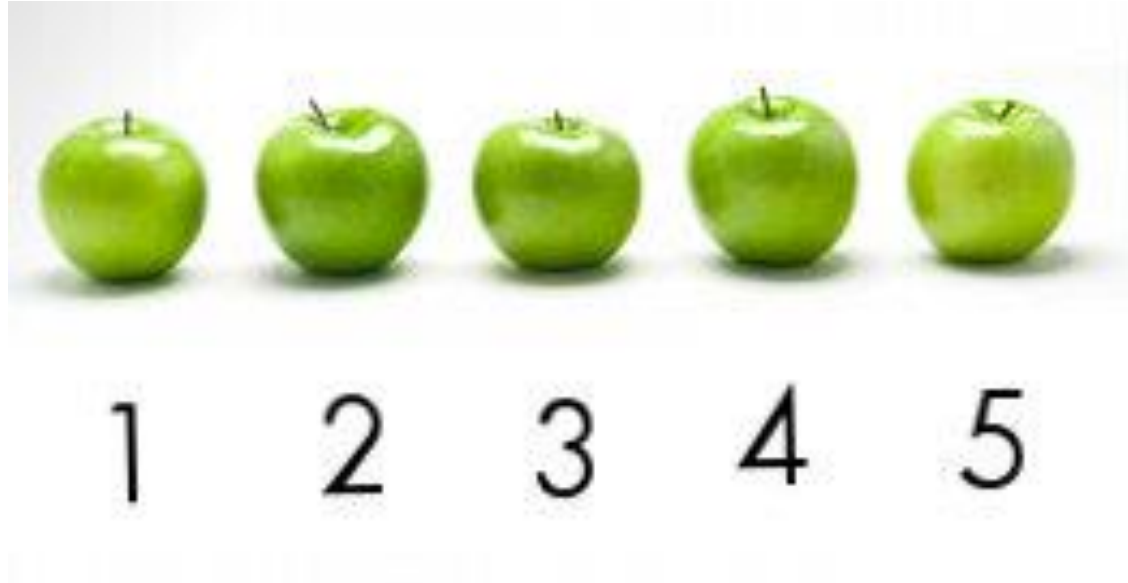
The movement of heat energy through liquids and gases in currents.

# Sound



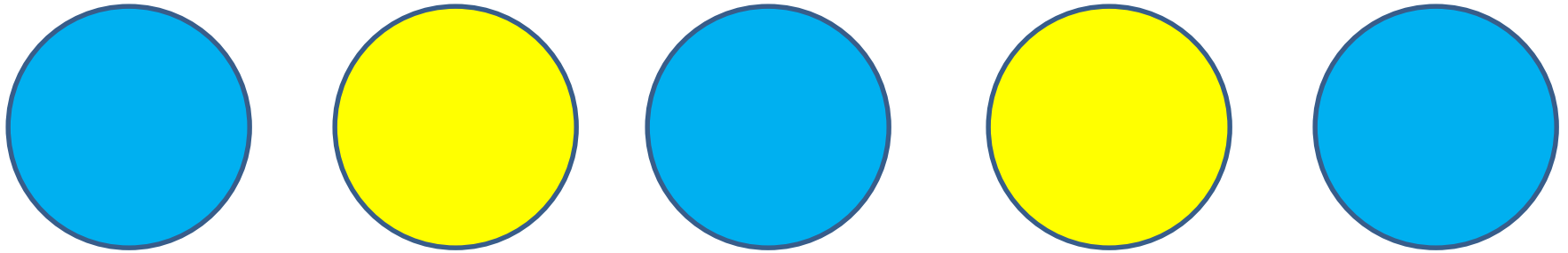
A form of energy produced by vibrating objects.

# Quantity



The number of something.

# Pattern



A recognizable, repeated series.

# Cycle

A pattern that has no beginning or end.

