

Pressure

Notes

Definition:

is the force applied to a surface

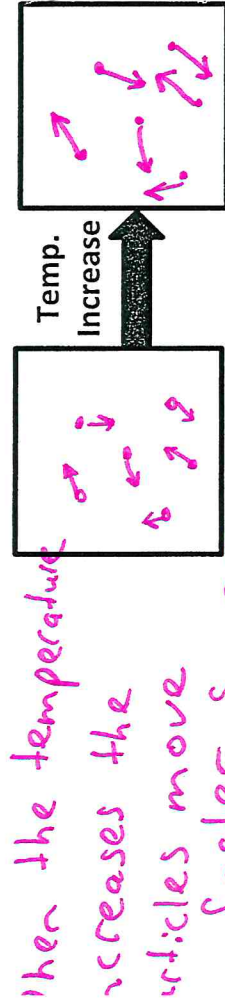
$$\text{Pressure} = \frac{\text{Force}}{\text{Area}}$$

Pressure can be affected by:

- Change in temperature

Description:

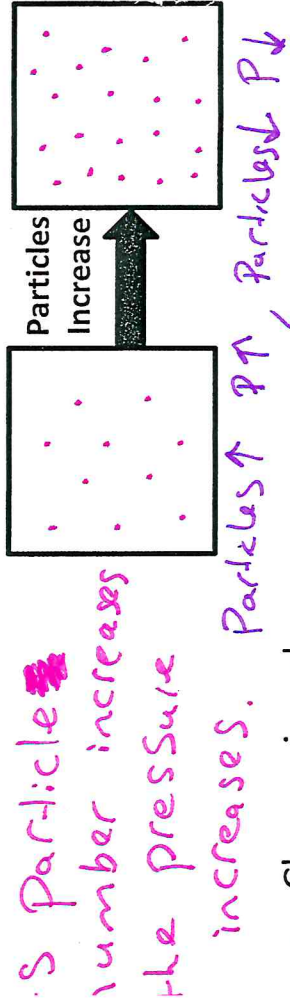
Particle Diagram:



- Number of particles

Description:

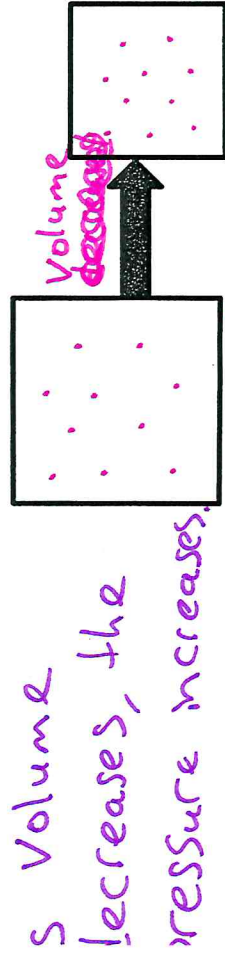
Particle Diagram:



- Change in volume

Description:

Particle Diagram:



$V \downarrow, P \uparrow$

$$\text{Pressure} = \frac{\text{Force}}{\text{Area}}$$

Notes

Definition:

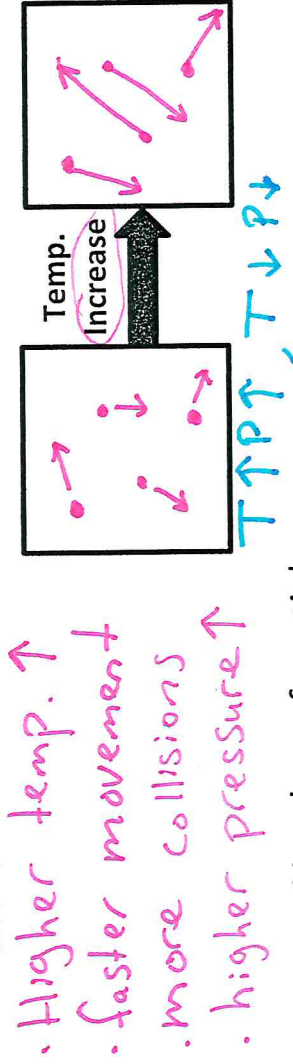
the force applied to a surface. Particles colliding with an object / "the walls of its container"

Pressure can be affected by:

- Change in temperature

Description:

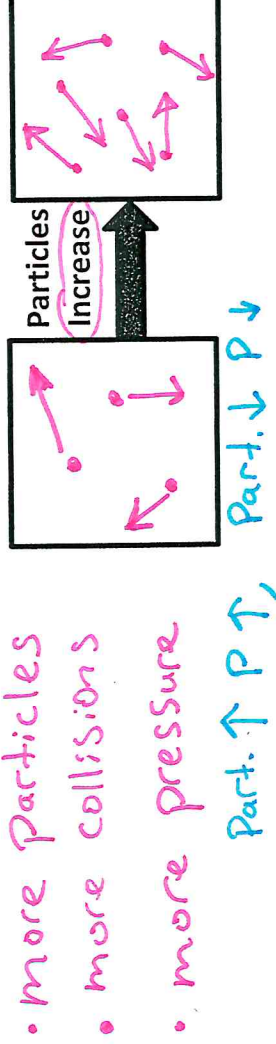
Particle Diagram:



- Number of particles

Description:

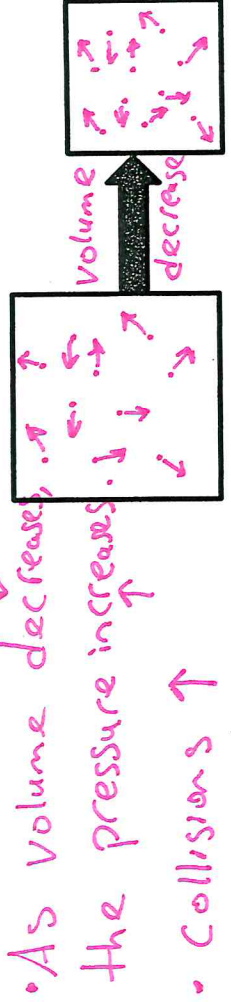
Particle Diagram:



- Change in volume

Description:

Particle Diagram:



$V \downarrow, P \uparrow$