

NAME:

PERIOD:

DATE:

DENSITY NOTES

THE FORMULA:

$$\text{DENSITY} = \frac{\text{MASS}}{\text{VOLUME}}$$

$$\text{DENSITY} = \text{MASS} \div \text{VOLUME}$$

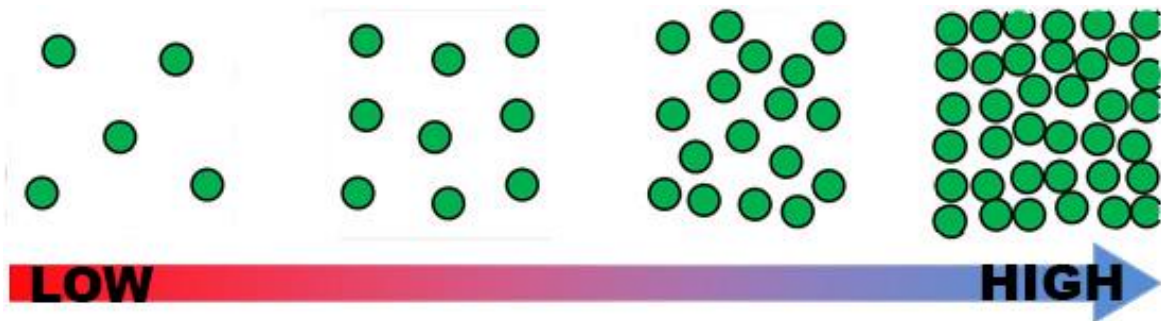
g/mL
(grams per milliliter)

THE UNITS

g/cm^3
(grams per cubic centimeter)

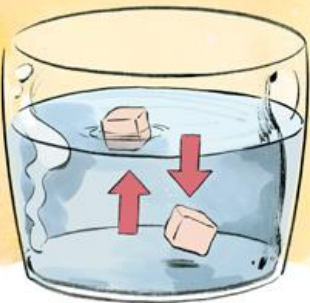
WHAT IT MEASURES

Density measures how crowded the particles are in a substance.



FLOATING & SINKING

Less dense substances float on more dense substances.



The cube that floats is less dense than the liquid.

The cube that sinks is more dense than the liquid.

DENSITY IS THE SAME THROUGHOUT A SUBSTANCE

The density of one piece is the same as the rest.

No matter how small the piece is.

