

NOTES: All About Molecules

Name _____

Period _____

SPACING:



_____ = close together, patterned spacing



_____ = far apart, random spacing



_____ = even farther apart, random spacing

MOVEMENT, SPEED AND TEMPERATURE:

- All molecules _____.
- Cooler molecules move _____
- _____ molecules move faster
- Each time molecules collide, _____ occurs.
- This type of transfer is called _____.

DENSITY: [Calculation \rightarrow Density = Mass \div Volume]

Density is used to describe how _____ molecules are in an object or substance.

Molecules are **more dense** if they are _____

Molecules are **less dense** if they are _____



← Same volume →



more dense

less dense

TEMPERATURE AND DENSITY *Most of the time,**

_____ a substance causes molecules to get more dense.

_____ a substance causes molecules to get less dense.

**Not true for water - molecules in liquid water _____ when frozen.*