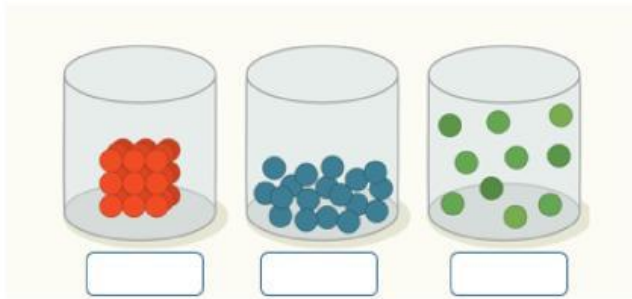


The Three States of Matter

Fill-in-the-blank:

1. Particles in _____ are close together but not as close as solids.
2. The particles in a solid are closely packed and _____.
3. Particles in _____ have no fixed shape but they do have a fixed volume.
4. When Particles get more energy, they _____.

Label the diagram below with the correct state of matter



Gas

Liquid

Solid

Multiple Choice:

1. Which state of matter are the particles far apart?
 - a. Liquid
 - b. Gases
 - c. Solids
2. Can the particles in a solid be compressed?
 - a. Yes
 - b. No
3. Do the particles in a solid flow?
 - a. No
 - b. Yes
4. What is it called when particles have enough energy to break free of their bonds and solid turns to liquid?
 - a. Melting Point
 - b. Boiling Point
 - c. Evaporating Point
5. What are the 3 states of matter?
 - a. Rain, smoke, and fire
 - b. Solids, liquids, and gases
 - c. Clouds, gas, water
6. What is the fourth state of matter?
 - a. Steam
 - b. Boiling Water
 - c. Plasma
7. Which state of matter has its particles in a regular lattice structure?
 - a. Solid
 - b. Gas
 - c. Liquids
8. What point do the particles break the bond altogether and liquid evaporates into a gas?
 - a. Melting Point
 - b. Boiling Point
 - c. Flooding Point

Solid, Liquid, Gas, or Plasma?

Oxygen - _____

Bricks - _____

Stars - _____

Water - _____

Ice - _____

Helium - _____

Milk - _____

Paper - _____

Hydrogen - _____

Chlorine - _____

Lightning - _____

Rock - _____

Pencil - _____

The Sun - _____

Juice - _____

Steam - _____

Coin - _____

Glass - _____

Oil - _____

Fire - _____

Nuclear Fireball - _____