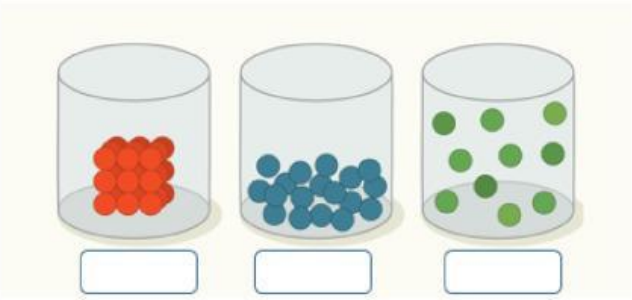
The Three States of Matter

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 it's 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

LIVEWORKSHEETS

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 - _____

LIVEWORKSHEETS