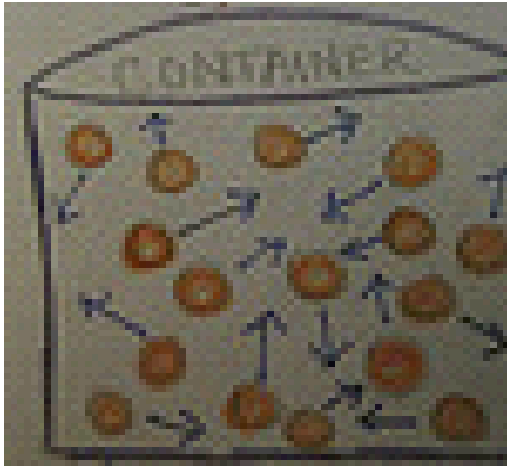


1. What is the phase of matter represented in this image?



- A. Solid
- B. Liquid
- C. Gas

2. In which phase of matter, are the particles able to move freely about each other but do not have a definite shape?



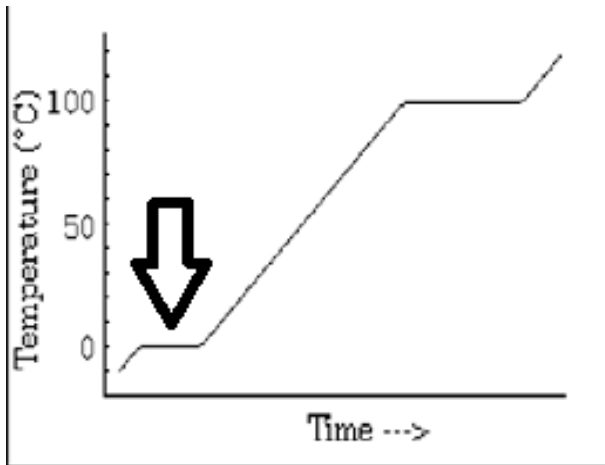
- A. Solid
- B. Liquid
- C. Gas

3. Which phase of matter has a definite volume and shape?



- A. Solid
  - B. Liquid
  - C. Gas
4. For a liquid to change to a solid the object must \_\_\_\_\_ energy
- a. Gain
  - b. Lose
5. For a liquid to change to a gas the object must \_\_\_\_\_ energy
- a. Gain
  - b. Lose
6. What happens to the speed of particles when they change from a liquid to a solid?
- a. Increase
  - b. Decrease
  - c. Stay the same
7. What happens to the boiling point of a substance as the pressure is decreased?
- a. Boiling point increases
  - b. Boiling point decreases

8. The temperature of the **liquid** water will \_\_\_\_\_ while the water is boiling?
- a. Increase
  - b. Decrease
  - c. Stay the same



9. What is happening in the graph above where the arrow is pointing?
- a. A solid is changing to a gas
  - b. a liquid is changing to a solid
  - c. a solid is changing to a liquid
  - d. a gas is changing to a solid