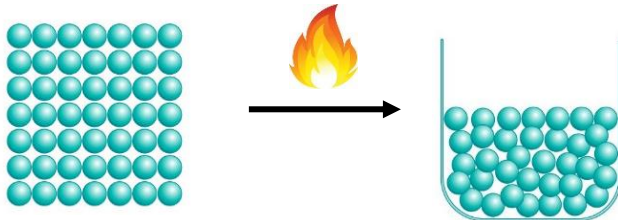




**I. Identify the phase change below and label the states.**

**(condensation, melting, freezing, evaporation)**

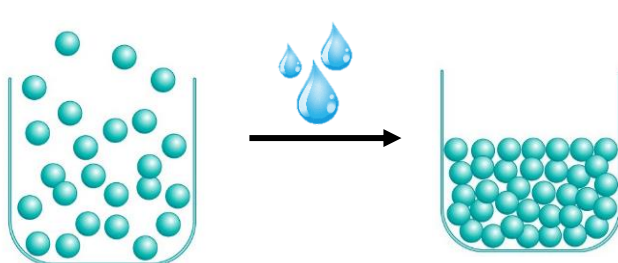
1.



Phase change:

\_\_\_\_\_

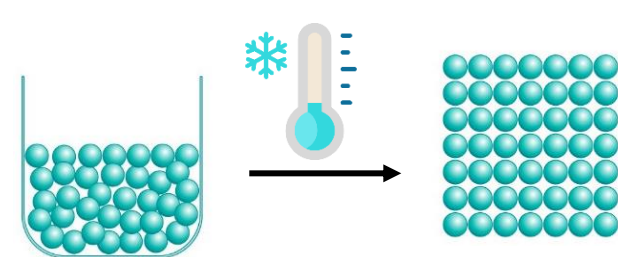
2.



Phase change:

\_\_\_\_\_

3.



Phase change:

\_\_\_\_\_

**II. Complete the given relationship and give reasons.**

1. Solvent: water :: \_\_\_\_\_ : lemon juice

\_\_\_\_\_

2. Souring of milk: chemical change :: Crushing a can : \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. Liquid: soda water :: Gas : \_\_\_\_\_

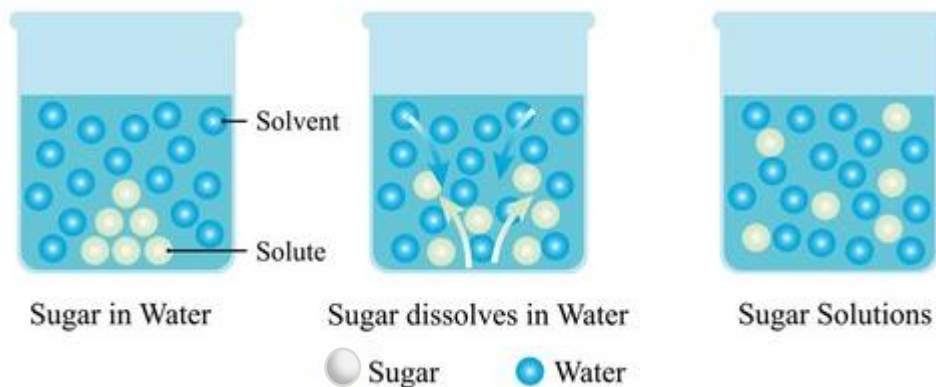
\_\_\_\_\_

**III. Match the following.**

Column A	Column B
1. Baking a cake	a. Produces light, heat, and new gases.
2. Microscope	b. The shape changes, but the chemical structure stays the same.
3. Explosion of fireworks	c. Heat causes ingredients to form a new substance.
4. Aquatic Ecosystems	d. An instrument used to see molecules.
5. Cutting a fruit	e. Oxygen dissolved in the water

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_ 5. \_\_\_\_\_

**IV. Use the diagram given below to answer the following questions.**



1. Why are there empty spaces in the solvent?

2. What happens to the level of the solvent when the solute is added to it?

**V. Look at the picture below. Label the items as solid, liquid, and gas.**

