## Phase Changes Study Guide (6.P.2.2) Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## Phases of Matter:

\_\_\_\_\_\_\_ Matter that has definite volume and shape. The molecules are packed together tightly and move slowly.

\_\_\_\_\_\_\_ Matter that has definite volume but not shape. Since the molecules are loosely packed and move with greater speed, it can flow and spread.

\_\_\_\_\_\_\_ Matter that has no definite volume or shape. The molecules are so loosely arranged and move so rapidly that they will fill their container.

## Phase Change Descriptions

## Word Bank

## Boiling Condensation Deposition Evaporation

## Freezing Melting Sublimation Vaporization

1) The change from solid to liquid. \_\_\_\_\_\_\_\_\_\_

2) The change from liquid to solid. \_\_\_\_\_\_\_\_\_\_



3) The change from liquid to gas. \_\_\_\_\_\_\_\_\_\_

4) Vaporization from the surface of a liquid. \_\_\_\_\_\_\_\_\_\_

5) Vaporization from within as well as from the surface of a liquid. \_\_\_\_\_\_\_\_\_\_

6) The change from gas to liquid. \_\_\_\_\_\_\_\_\_\_

7) The change from solid to gas. \_\_\_\_\_\_\_\_\_\_

8) The change from gas to solid. \_\_\_\_\_\_\_\_\_\_

**Phase Change Diagram - Fill in the phase changes in the blank provided.**

