

Name: \_\_\_\_\_

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# PHASE CHANGE WORKSHEET

*On the line at the left, write the term that best matches each description below:*

condensation

phase change

volatile

vaporization

melting

equilibrium vapor pressure

melting point

sublimation

deposition

\_\_\_\_\_ sublimation

1) conversion of solid directly into a gas

\_\_\_\_\_ condensation

2) opposite of vaporization

\_\_\_\_\_ melting point

3) temperature at which solid and liquid phases exist in equilibrium.

\_\_\_\_\_ phase change

4) conversion of a substance from one of the three states of matter to another

\_\_\_\_\_ vaporization

5) change from a liquid to gas

\_\_\_\_\_ equilibrium vapor pressure

6) pressure exerted by a constant number of gas molecules in equilibrium with their liquid phase

\_\_\_\_\_ volatile

7) description of a liquid that evaporates easily, with a low boiling point and high vapor pressure

\_\_\_\_\_ deposition

8) transformation of a gas directly into a solid

\_\_\_\_\_ melting

9) phase change from a solid to a liquid

# Chemistry Study Guide Phase Changes Answers

**Martin Silberberg, Libby Weberg**



## Chemistry Study Guide Phase Changes Answers:

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