

Name: _____ Date: _____ Period: _____

States of Matter

For each of the following, write either evaporation or condensation.

1. The process by which a substance changes from a liquid to a gas is called _____.
2. During _____ more molecules break free from a liquid than join it.
3. When more molecules join a liquid than leave, _____ takes place.
4. When molecules of water vapor collide and stick together in the air, _____ occurs.

Match the term with its example.

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|-----------------|---|
| 5. vaporization | a. A pot of water on a stove reaches its boiling point. |
| 6. evaporation | b. Liquid water changes into water vapor. |
| 7. boiling | c. Clouds form from water vapor in the sky. |
| 8. condensation | d. A puddle dries up after a rain shower. |

From the list below, choose the term that best completes each sentence.

evaporation	sublimation	melting	freezing
kinetic energy	vaporization	boiling	condensation

9. The higher the temperature of something, the greater its _____.
10. The change in state from gas to liquid is called _____.
11. The change in state from liquid to gas is called _____.
12. Gas bubbles forming throughout the liquid is called _____.
13. Liquid changing to gas only at the surface is called _____.
14. The change in state from solid to liquid is called _____.
15. The change in state from liquid to solid is called _____.
16. In _____ particles pass directly from solid to gas.