

Phases Of Matter Worksheet

- 1) What is the normal boiling point of a liquid?
- 2) Why can different substances be in different phases at room temperature?
- 3) Why can gases fill the containers they occupy?
- 4) When ice is heated its temperature does not rise until all of it is melted. Explain what is happening to the heat being absorbed.
- 5) When water boils, the temperature remains constant. What is happening to the heat?
- 6) Under what conditions will a gas liquefy?
- 7) What is the difference between evaporation and boiling?
- 8) When a substance exists as a liquid or solid under ordinary conditions, its gas phase is called a _____.
- 9) Why is evaporation of water from your skin a cooling process?
- 10) Condensation raises the temperature of the vapor (True or False).
- 11) How does a pressure cooker work?
- 12) In order for a gas to condense to a liquid, the attraction between its molecules _____.
- 13) What is the critical temperature?