

Name: _____

Date: _____

- 1 What are the states of matter?
 - A solid, liquid, and gas
 - B magma, pumice, and rock
 - C matter, mass, and volume

- 2 What is the solid form of water?
 - A carbonated water
 - B ice
 - C soup

- 3 What can cause matter to change states?
 - A heat
 - B light
 - C sound

- 4 What happens when water freezes?
 - A nothing
 - B it contracts
 - C it expands

- 5 What is it called when a liquid changes into a gas?
 - A condensation
 - B evaporation
 - C transmission

- 6 What is it called when a gas changes into a liquid?
 - A condensation
 - B liquidation
 - C mutation

- 7 What is energy of motion?
 - A potential energy
 - B matter energy
 - C kinetic energy

- 8 What does the Kinetic Theory of Matter state?
 - A all particles of matter are in constant, random motion
 - B all particles of matter are motionless
 - C energy can be transferred but not destroyed

- 9 Which particles have the most kinetic energy?
- A water particles
 - B ice particles
 - C water vapor particles
- 10 Which particles have the least kinetic energy?
- A water particles
 - B ice particles
 - C water vapor particles
- 11 The point at which a liquid changes to a gas is called _____.
- A melting point
 - B boiling point
 - C condensation point
 - D evaporation point
- 12 A liquid can change to a gas through _____.
- A evaporation
 - B freezing
 - C melting
 - D sublimation
- 13 Thermal energy must be _____ when a liquid changes to a _____.
- A lost; gas
 - B gained; solid
 - C lost; solid
 - D increased; solid