Name:_____ Per:___ Date:_____

Worksheet 2.6 – Phases of Matter

Instructions: Match the definitions with the correct vocabulary word.

_____ 1. Sublimation

_____ 2. Expansion

_____ 3. Deposition

_____ 4. Evaporation

_____ 6. Condensation

_____ 7. Contraction

_____ 9. Vaporization

_____ 10. Freezing

a) Cooling matter decreasing in KE does this

b) Change from gas to liquid phases

c) Energy required to change liquid into gas

d) Change from liquid to solid phases

e) Change from a gas to a solid phase

f) Change from boiling liquid to gas

g) Heat causing a rise in KE and volume

h) Change from solid to gas phase

i) A form of solid with no distinct pattern

j) Change from liquid to gas below the boiling point

11- 13. List the 3 steps of the Kinetic theory. (legibly!)

11.)

12.)

13.)

*Instructions: **WRITE** the correct letter answer in the space provided.*

_____ 14. This state of matter has an indefinite shape, but a definite volume.

a) solid b) liquid c) gas d) plasma

_____ 15. Which of the following is exactly the same as the freezing point?

a) boiling point b) melting point c) evaporation point d) none listed

_____ 16. This state is where gases contract into a liquid phase

a) evaporation b) vaporization c) condensation d) sublimation

_____ 17. When particles are cooled -

a) the KE increases b) the KE decreases c) the KE stays the same

TURN PAGE OVER

_____ 18. These particles have a definite shape and volume,

a) liquid b) gas c) solid d) plasma

_____ 19. When heating up matter, how do the particles react to the heat?

a) they slow down and strike with more force
b) they slow down and strike with less force
c) they speed up and strike with more force
d) they speed up and strike with less force

_____20. Which state of matter expands when heated and is easy to compress?

a) gas

b) liquid only

c) solid only

d) both b & c