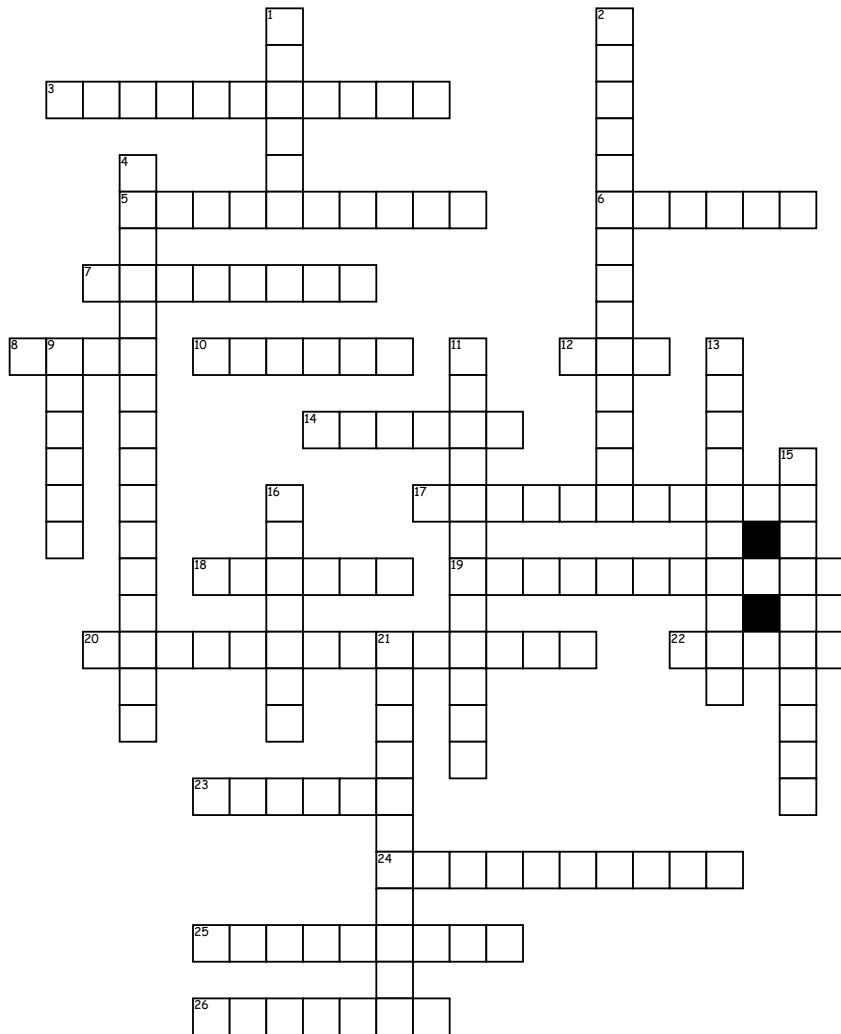


Name: _____

Date: _____

Phase Change Review Crossword



Across

3. The change from liquid to gas.
 5. Heat is transferred by movement of a heated fluid such as air or water.
 6. The particles in a solid move _____ than those in a liquid.
 7. Gas does not have a _____ shape or volume.
 8. _____ is the total energy of moving particles in matter.
 10. The state of matter that results from condensation.
 12. The state of matter where forces of attraction are the weakest.
 14. When particles move faster and further apart due to the addition of heat, the volume is said to _____.
 17. _____ is the measure of average energy of moving particles in matter.

18. The amount of space something takes up is called _____.
 19. When a solid changes directly into a gas.
 20. Making ice cube trays is a process of _____.
 22. A state of matter with a definite shape and volume.
 23. The particles in a liquid move _____ when energy is added.
 24. Gas can be _____ unlike solids and liquids.
 25. Both a liquid and a gas take the shape of their _____.
 26. Adding energy _____ the attraction between particles.

Down

1. Adding energy or removing energy causes a _____ in states of matter.

2. The states of matter can also be called _____.

4. An explanation for why things work or how things happen.
 9. Steam boils out of water because its particles gain this.
 11. The opposite of evaporation.
 13. _____ is the transfer of heat energy through solids.
 15. Frost on leaves are an example of _____.
 16. This happens during the phase change from solid to liquid.
 21. _____ is when lower temperature causes particles to move slower and come closer together, decreasing their volume.

Word Bank

evaporation	Heat	solidification	faster	energy	change
scientific theory	liquid	gas	Temperature	definite	container
Convection	contraction	condensation	deposition	solid	expand
compressed	sublimation	volume	phases of matter	weakens	Conduction
melting	slower				