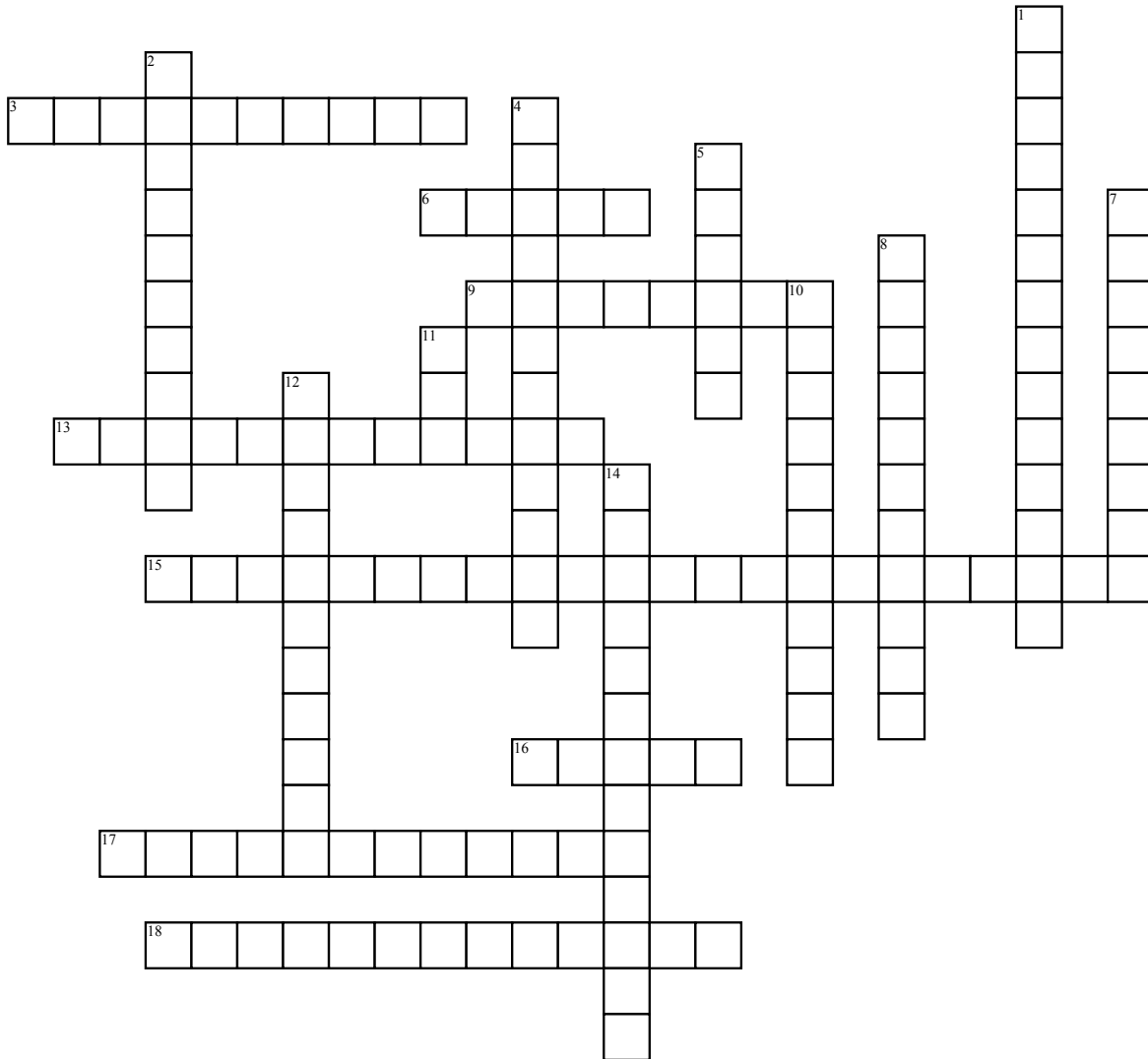


S, L, G



Across

- 3. the change of state of a gas to a solid without going through the liquid state
- 6. the gas state of a substance that is normally a solid or a liquid at room temperature
- 9. the amount of force applied per unit of area
- 13. a law that states the volume of a gas increases with increasing temperature, if the pressure is constant
- 15. an explanation of how particles in matter behave
- 16. matter that has a definite shape and a definite volume

- 17. the change of state from a gas to a liquid
- 18. the energy an object has due to its motion

Down

- 1. the uneven forces acting on the particles on the surface of a liquid
- 2. a law that states that the pressure of a gas increases if the volume decreases and pressure of a gas decreases if the volume increases, when temperature is constant
- 4. the change in state of a liquid into a gas
- 5. matter with a definite volume but no definite shape

- 7. a measurement of a liquid's resistance to flow
- 8. the change of state from a solid to a gas without going through the liquid state
- 10. vaporization that occurs only at the surface of a liquid
- 11. matter that has no definite volume and no definite shape
- 12. a measure of the average kinetic energy of all the particles in an object
- 14. the total potential and kinetic energies of an object