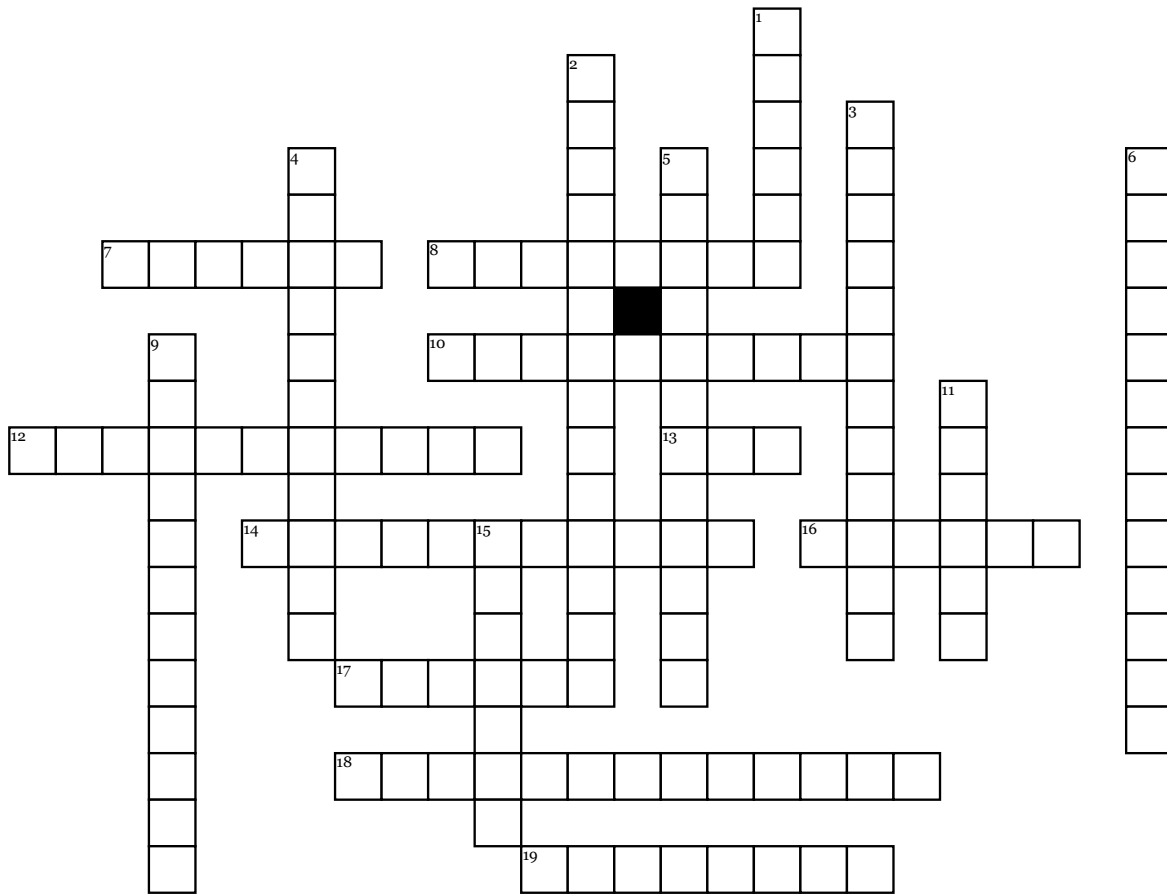


# States of Matter Crossword Puzzle



**Across**

- 7. the state of matter that does not have a definite shape or volume and whose particles have been broke apart
- 8. change from a liquid to a solid
- 10. change of state from a gas directly to a solid
- 12. vaporization that occurs at the surface of a liquid below its boiling point
- 13. state in which matter has changes in both shape and volume
- 14. change of state from a solid directly to a gas

- 16. the state of matter which takes the shape of its container
- 17. anything that has mass and takes up space
- 18. the change of a substance from one physical state to another
- 19. the amount of force exerted per unit area of a surface

**Down**

- 1. vaporization occurs throughout a liquid
- 2. the physical forms of matter, which include solid, liquid, and gas
- 3. change of state from a gas to a liquid

- 4. a measure of how hot (or cold) something is; specifically, a measure of the average kinetic energy of the particles in an object
- 5. the temperature at which a liquid boils and turns to vapor
- 6. temperature at which a liquid becomes a solid
- 9. the change of state from a liquid to a gas
- 11. a measure of the size of a body or region in three-dimensional space
- 15. change from a solid to a liquid