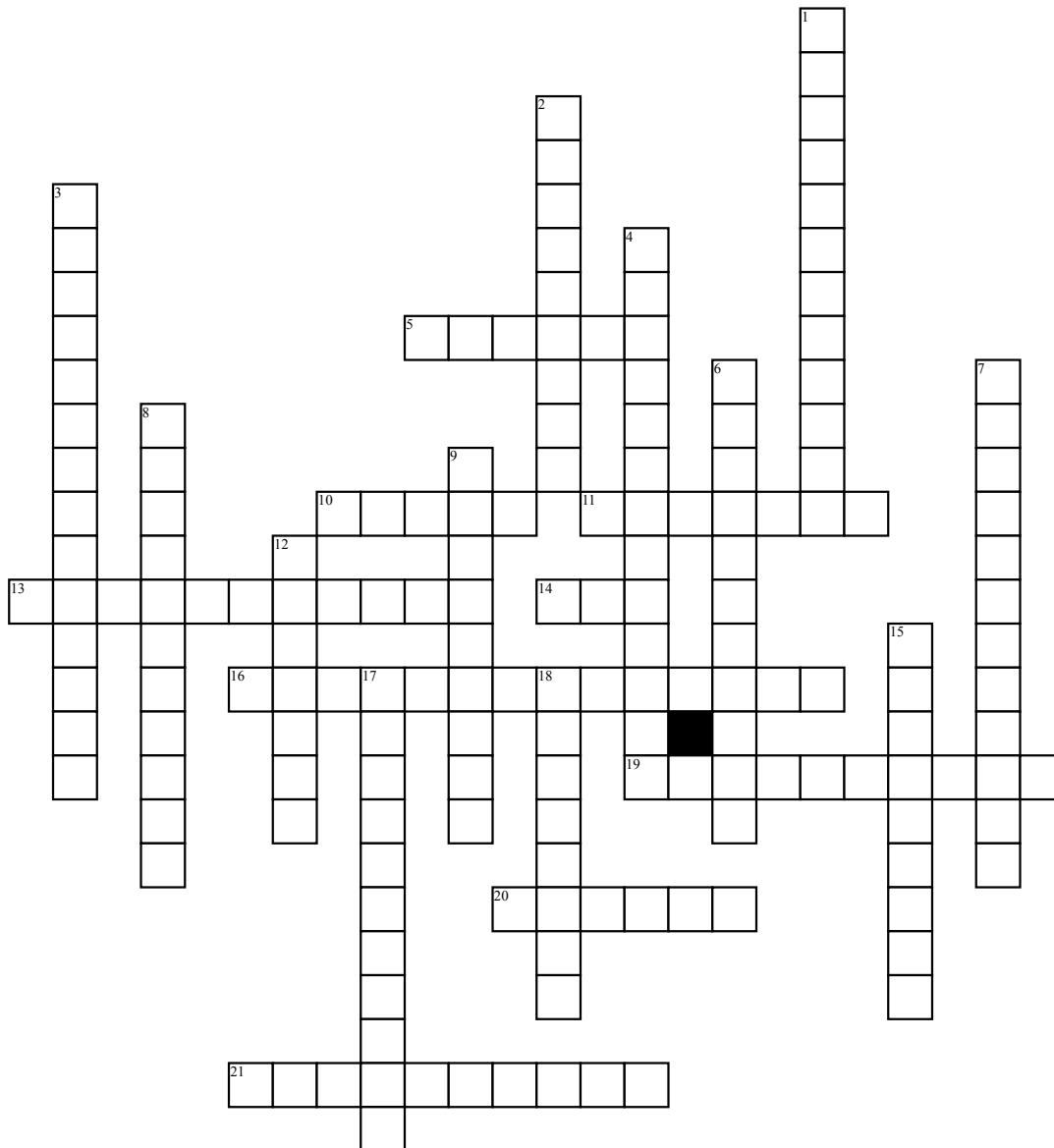


Name: _____

Date: _____

Period: _____

States of Matter Vocabulary



Across

5. The state of matter that does not have a definite shape or volume and whose particles have broken apart

10. The state in which matter has a definite shape and volume

11. Vaporization that occurs throughout a liquid

13. The term used to describe a physical or a chemical change in which energy is absorbed

14. The state in which matter changes both shape and volume

16. The physical forms in which a substance can exist; states can include solid, liquid, gas, and plasma

19. The term that's used to describe a physical or a chemical change in which energy is released or removed

20. The state in which matter takes the shape of its container and has definite volume

21. The law that states for a fixed amount of gas at a constant pressure, the volume of a gas increases as its temperature increases

Down

1. The change of state from a liquid to a gas; includes boiling and evaporation

2. The law that states for a fixed amount of gas at a constant temperature, the volume of a gas increases as its pressure decreases

3. The force acting on particles at the surface of a liquid that causes the liquid to form spherical drops

4. The conversion of a substance from one physical form to another

6. The change of state from a solid directly into a gas

7. The temperature at which a gas becomes a liquid

8. Vaporization that occurs at the surface of a liquid below its boiling point

9. A liquid's resistance to flow

12. The change of state from a solid to a liquid

15. A solid composed of atoms or molecules that are in no particular order

17. A measure of how hot (or cold) something is; specifically, a measure of the average kinetic energy of the particles in an object

18. The change of state from a liquid to a solid