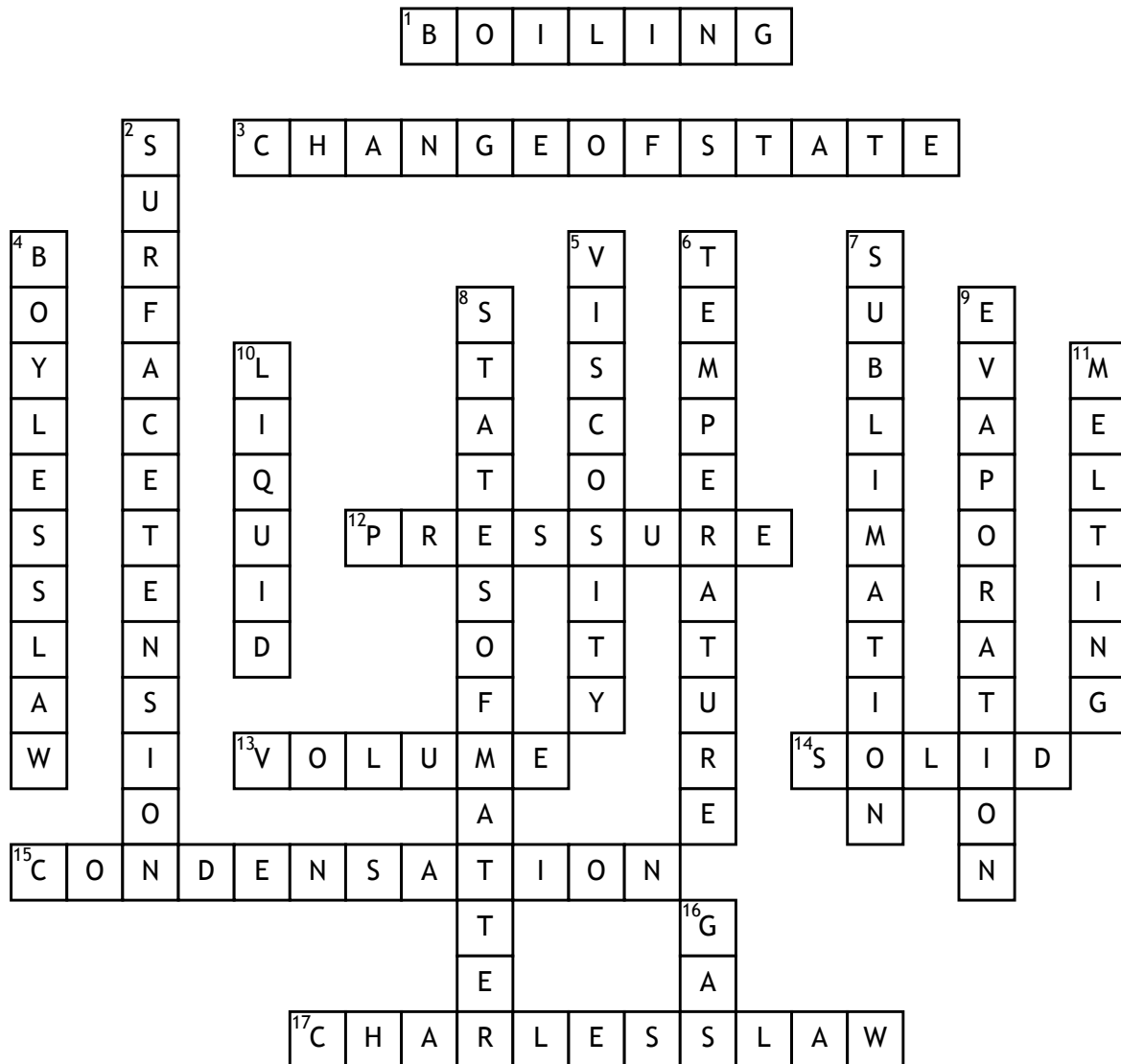


Name: _____

Date: _____

States of Matter



Across

1. The change of a liquid to a vapor, or gas throughout the liquid
3. Change of a substance from one physical form to another
12. Amount of force exerted on a given area of surface
13. The amount of space an object takes up
14. State of matter with a definite shape and volume
15. Change of state from a gas to a liquid

17. States that as the as the temperature of a gas increases, its volume increases by the same amount

Down

2. Force that acts on the particles at the surface of a liquid
4. States that as the pressure of a gas increases, its volume decreases by the same amount
5. A liquids resistance to flow
6. Measure of how fast the particles in an object are moving

7. Change of state in which a solid changes directly into gas

8. Physical forms in which a substance can exist

9. Change of a substance from liquid to gas

10. State of matter that has a definite volume, but it takes the shape of its container

11. Change of state from a solid to a liquid

16. State of matter that has no definite shape or volume