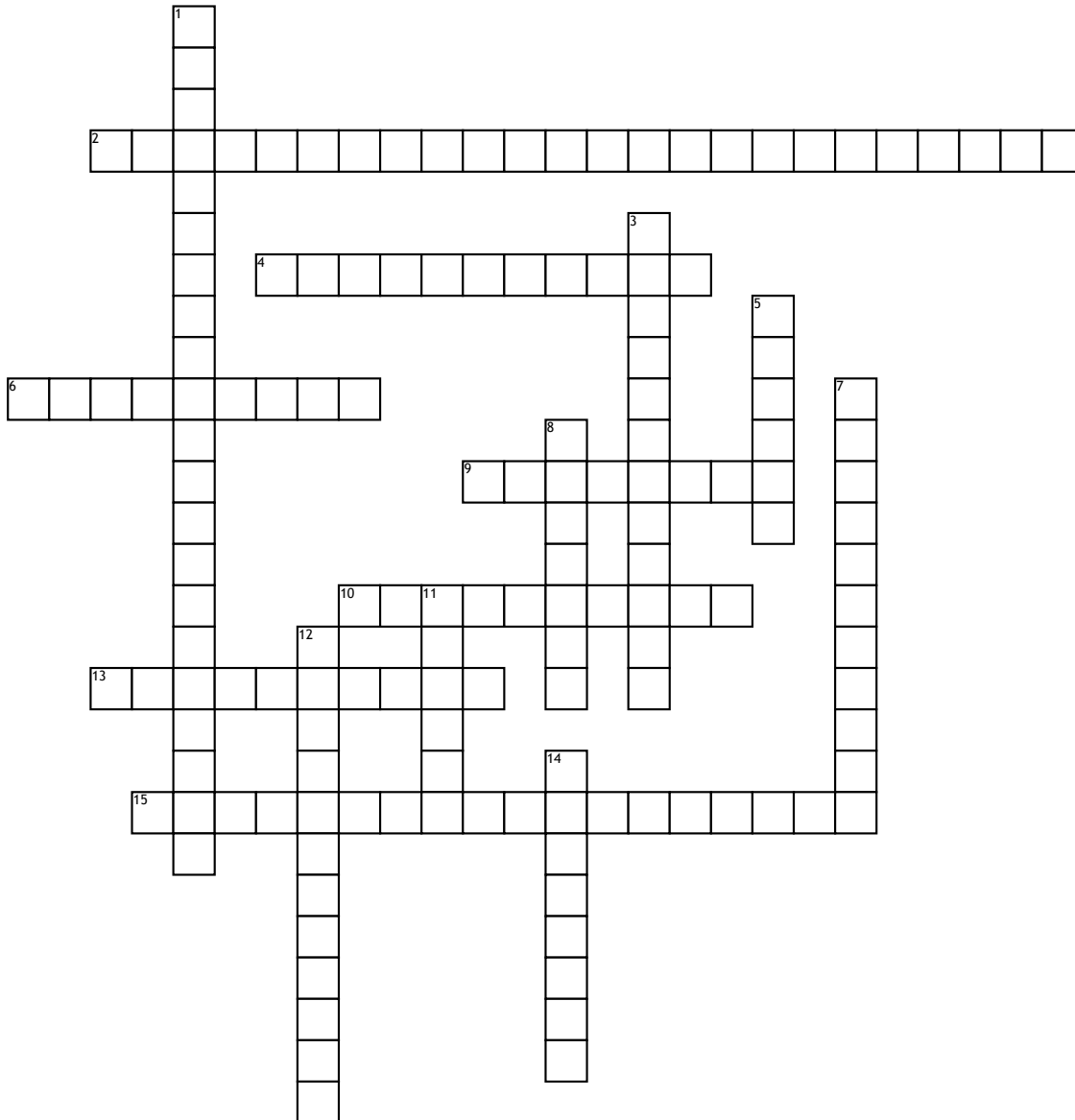


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Matter



## Across

- 2. Means that when matter is heated up it expands.
- 4. Liquid to gas.
- 6. States that if you decrease the volume (amount of space) of a container of gas, the pressure of the gas will increase.
- 9. Is the amount of force matter pushes on an amount of space.
- 10. Gas to solid.

13. States that the volume (amount of space) of a gas increases with increasing temperature.

15. The amount of energy needed to change a material from the liquid state to the gas state.

## Down

- 1. This theory states that all matter is made up of atoms that are in constant motion.
- 3. Gas to liquid.

5. Any object that has mass and takes up space.

7. Solid to gas.

8. Solid to liquid.

11. A gas-like mixture of charged particles that move very fast due to the extreme amount of heat energy.

12. The amount of energy needed to change a material from a solid to the liquid state.

14. Liquid to solid.