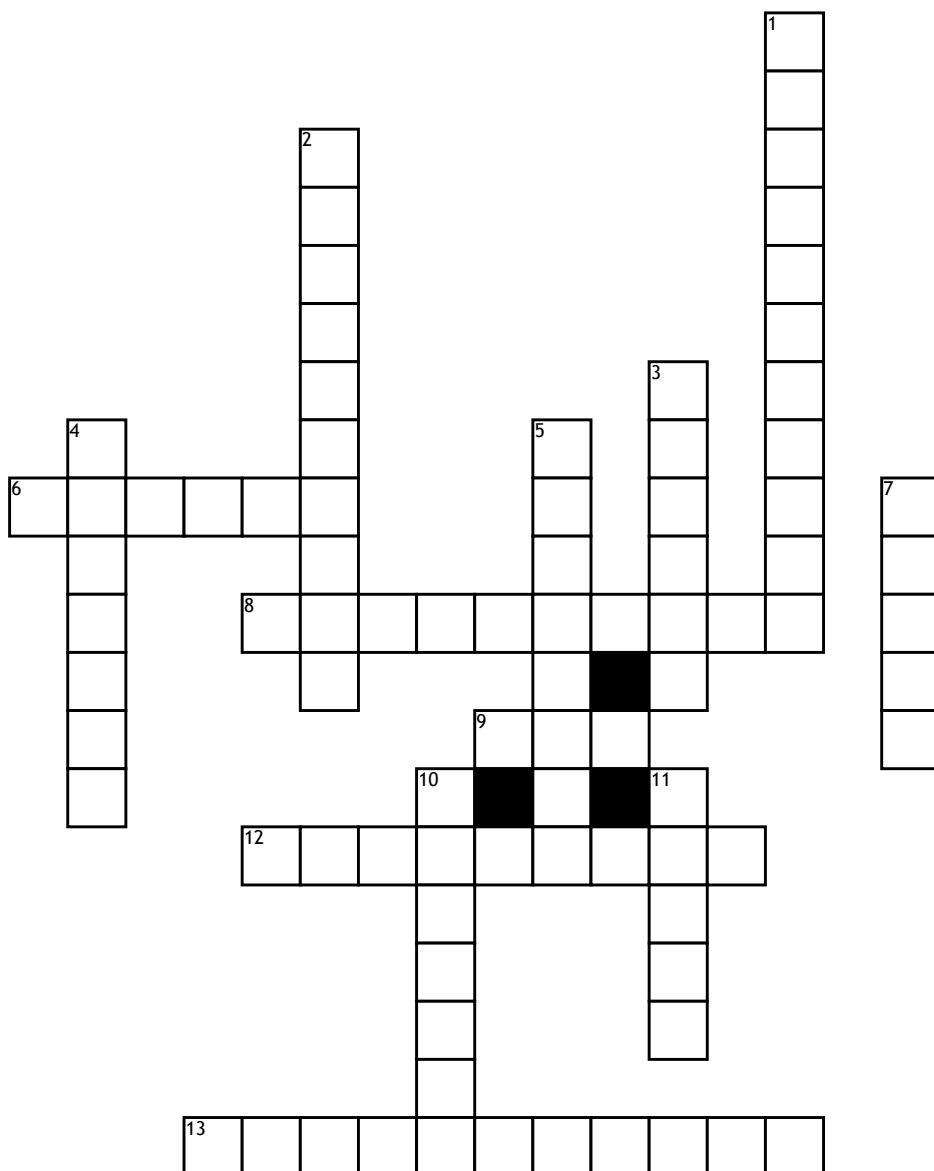


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Matter - Changes and Properties



## Across

6. The gravitational force exerted on an object.

8. The transfer of thermal energy by the movement of particles from one part of a material to another.

9. Matter that has no definite volume and no definite shape.

12. The transfer of thermal energy by electromagnetic waves.

13. The measure of the average kinetic energy of the particles in a material.

## Down

1. The process of changing directly from a solid to a gas.

2. The transfer of thermal energy due to collisions between particles.

3. Matter with a definite volume but no definite shape.

4. The mass per unit volume of a substance.

5. A starting substance in a chemical reaction.

7. Any substance that can flow and take the shape of the container that it holds.

10. Matter that can vary in composition.

11. Matter that has a definite shape and a definite volume.