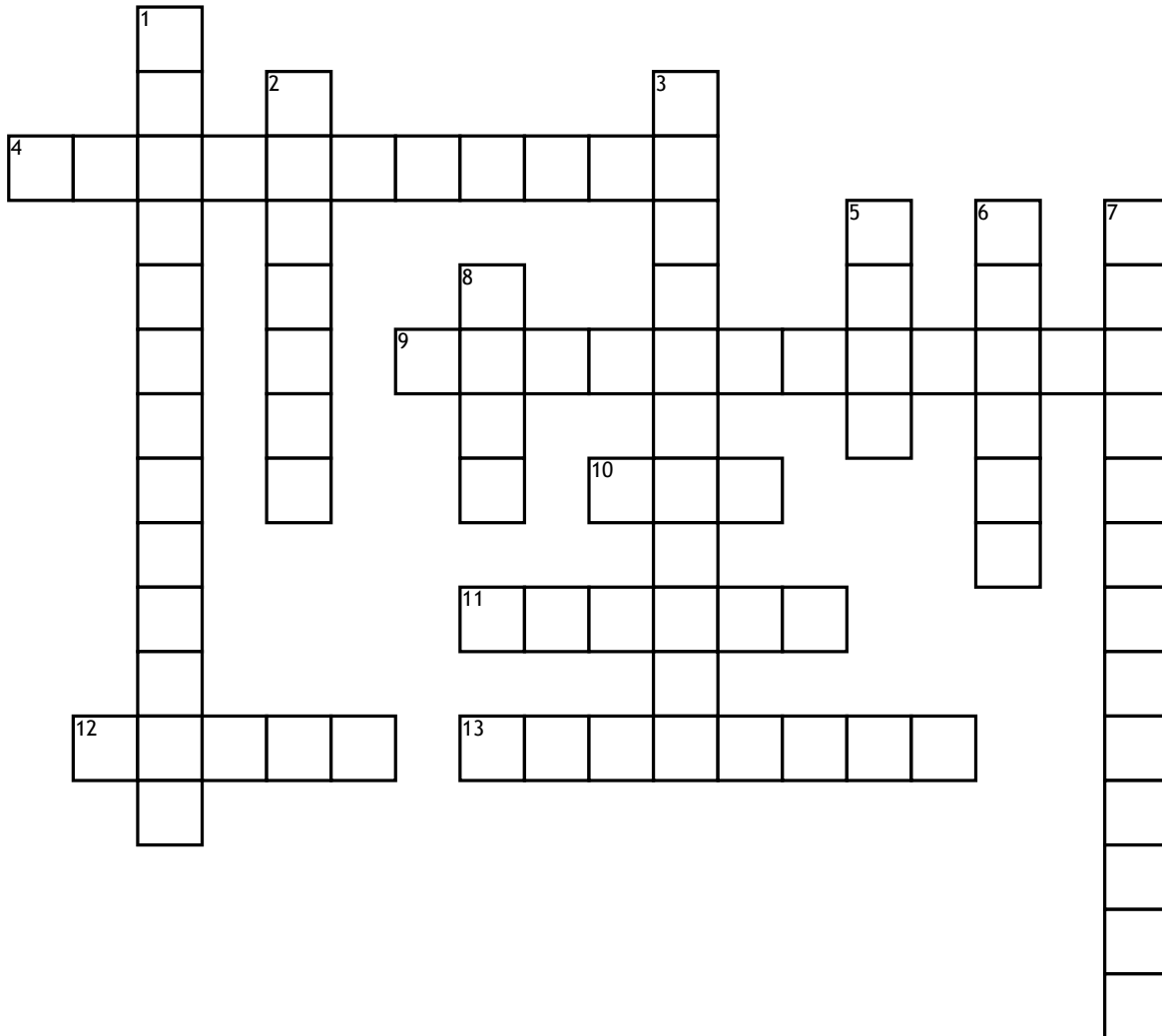


Phase Changes



Across

4. When matter changes from one state of matter to another, we say it underwent a _____.

9. Changing from a gas to a liquid

10. When a liquid gains enough energy to go to the next phase, it becomes this.

11. When a solid melts, it becomes this state of matter.

12. When water freezes, it becomes this.

13. Changing from a liquid to a solid

Down

1. Changing from a liquid into a gas

2. Changing from a solid to a liquid

3. During a phase change, _____ does not change

5. During a phase change, the amount of _____ needed changes

6. In order for a solid to turn into a liquid, energy must be _____.

7. The higher the temperature of something, the greater its _____.

8. In order for a liquid to change into a solid, energy must be _____.