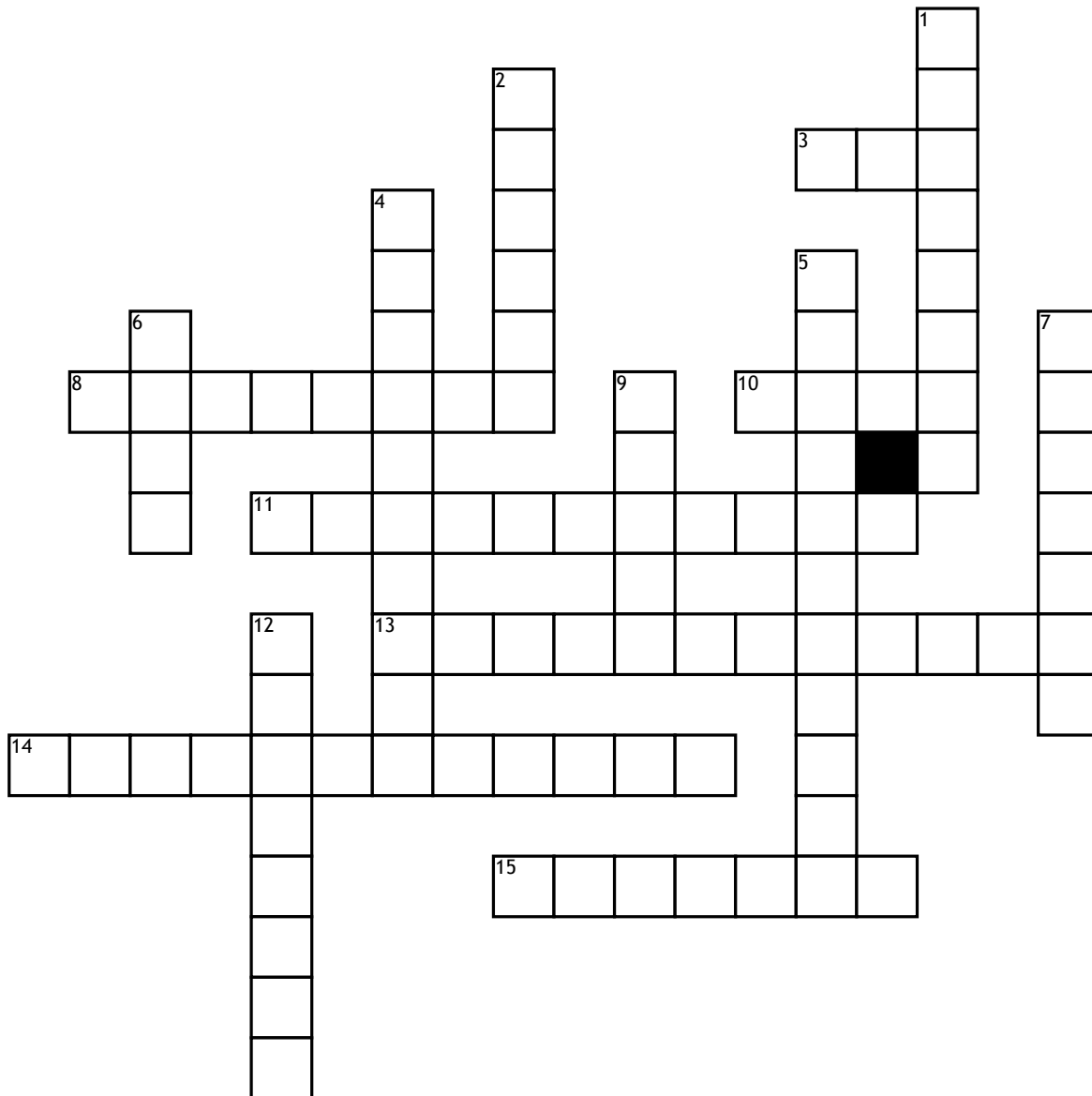


# Phase Changes



## Across

3. At the boiling point, the substance is changed from a liquid to a \_\_\_.
8. Heat is \_\_\_ by the substance as it condenses.
10. For any substance, its melting and freezing points are the \_\_\_ temperature.
11. \_\_\_ happens in all liquids at all temperatures.
13. When a gas is cooled, its temperature falls until it reaches the \_\_\_ point.

14. The phase change from gas to liquid.

15. The phase change from a solid to a liquid.

## Down

1. For any substance, heat must be \_\_\_ from surrounding objects to go from solid to liquid to gas
2. At the melting point, the substance begins to change from solid to \_\_\_.
4. No new \_\_\_ are formed when matter changed phases.

5. The slow phase change from liquid to gas.

6. \_\_\_ is absorbed by the substance as it melts.

7. The rapid phase change from liquid to gas.

9. Another term for physical state.

12. The phase change from liquid to a solid.