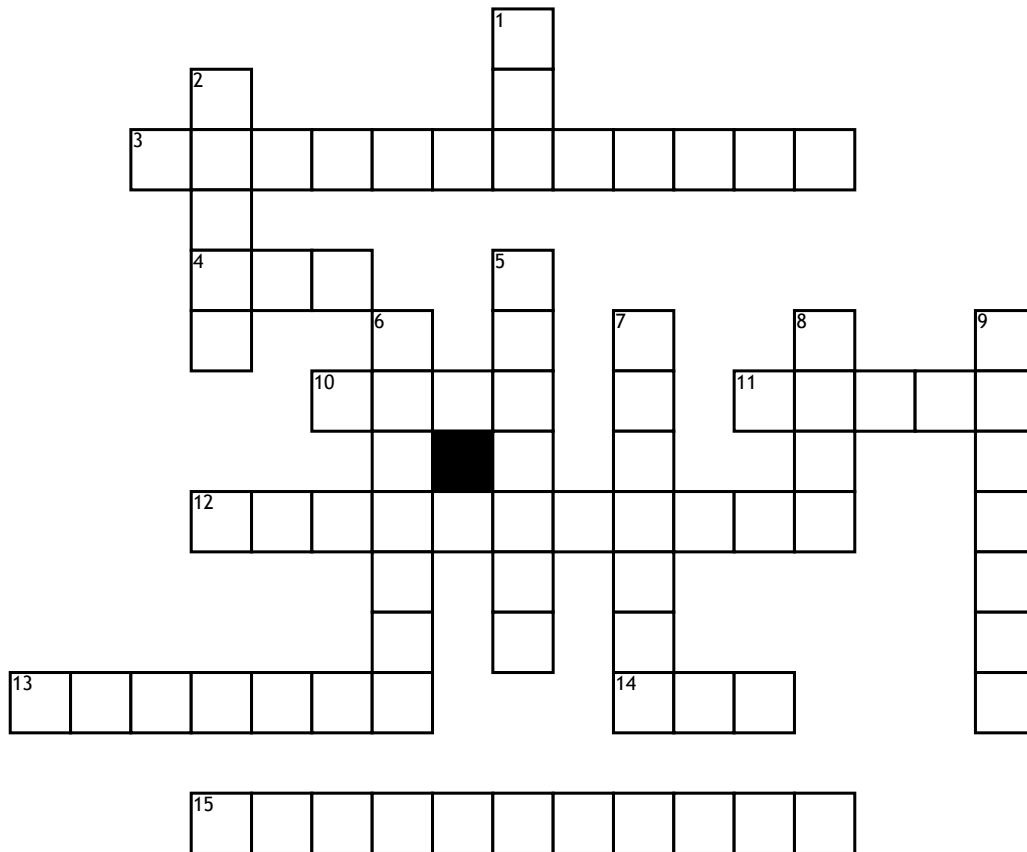


States of Matter



Across

3. The change in state from a gas to a liquid is called _____.

4. Water, in solid form is _____.

10. Condensation occurs when particles in a gas _____ enough thermal energy to form a liquid.

11. Water in the form of a gas is called _____.

12. The change in state from a solid to a gas is called _____.

13. In most pure substances, melting occurs at a specific temperature called the _____ point

14. When atoms are in this state of matter, they fly around freely

15. The change in state from a liquid to a gas is called _____.

Down

1. Conforms to the shape of its container but also expands to fill the container

2. In this state of matter the particles are closely packed together

5. The physical state of state of a substance is related to its _____ energy

6. When Evaporation takes place throughout a liquid, it is called _____.

7. The change in state from a solid to a liquid is called _____.

8. Sublimation occurs when the surface particles of a solid _____ enough energy to become a gas.

9. At 0 degrees Celcius, water _____.

Word Bank

gas

condensation

gain

ice

sublimation

melting

melting

gas

thermal

vapor

freezes

lose

solid

evaporation

boiling