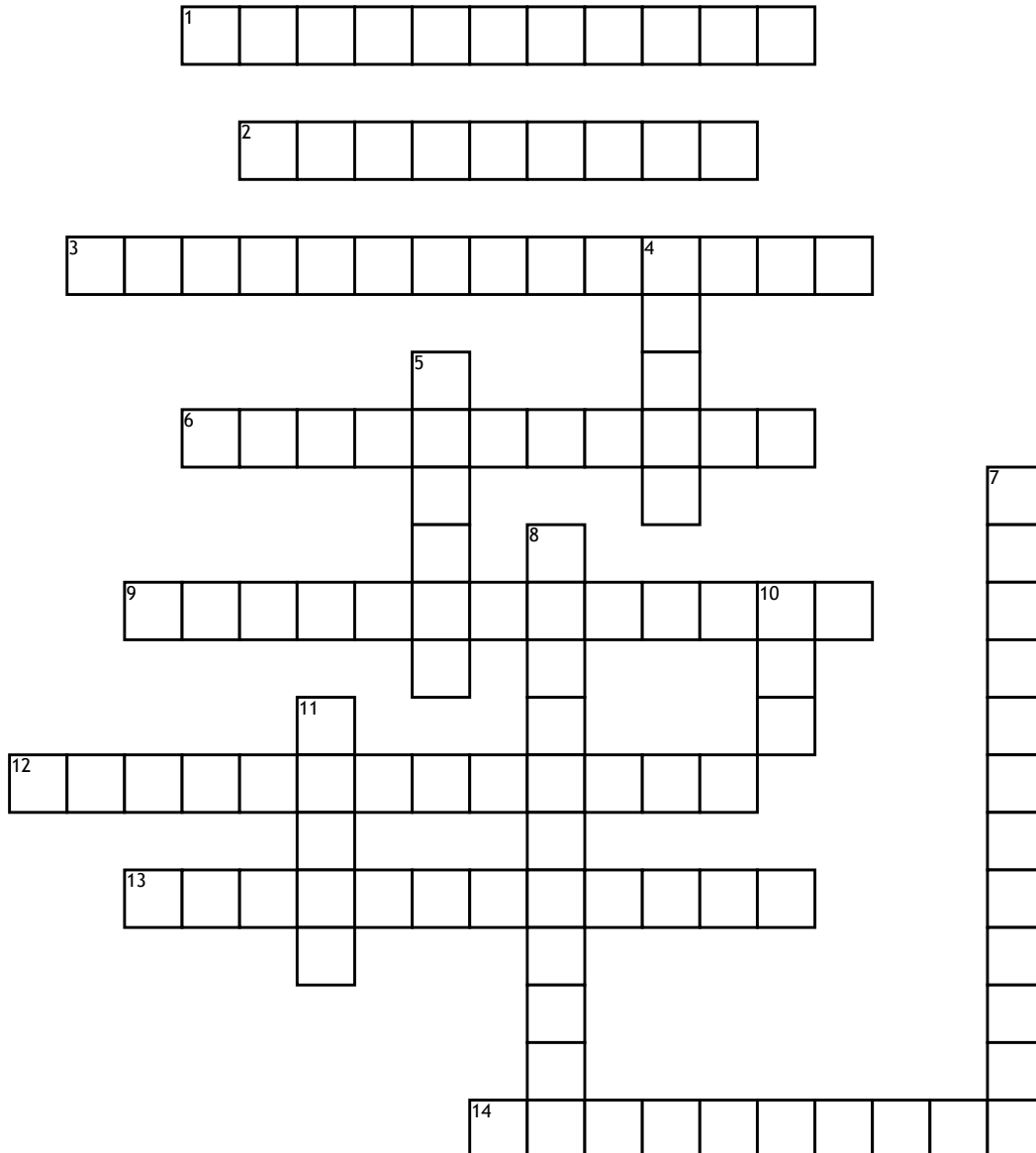


Name: \_\_\_\_\_

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

# States of Matter



## Across

1. Vaporization that occurs only at the surface of a liquid
2. Measurement of a liquid's resistance to flow
3. The uneven forces acting on the particles on the surface of a liquid
6. The change of state from a solid to a gas without going through the liquid state

9. The energy an object has due to its motion
12. The total potential and kinetic energies of an object
13. The change in state of a liquid into a gas
14. The change of state of a gas to a solid without going through the liquid state

## Down

4. Definite shape and volume

5. Definite shape no definite volume
7. The change of state from a gas to a liquid
8. Measure of the average kinetic energy of all the particles in an object
10. No definite shape and no definite volume
11. The gas state of a substance that is normally a solid or a liquid at room temperature