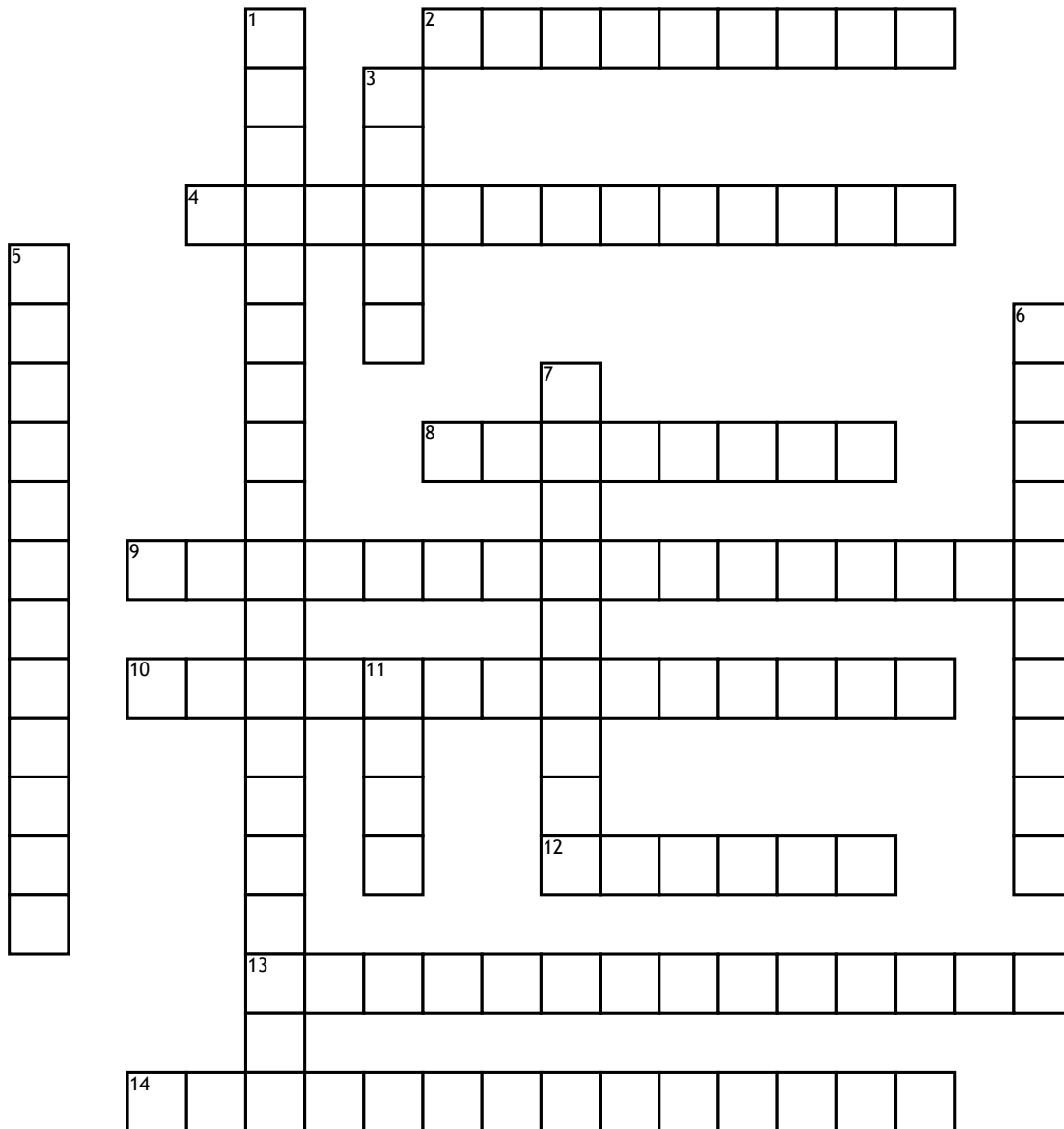


Name: \_\_\_\_\_

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

# states of matter



## Across

2. a liquids resistance to flow

4. the total amount of energy an object has

8. a force exerted on a surface divided by the total area over which the force is exerted

9. think of a force pump such as toothpaste, ketchup bottle, mustard and shampoo containers

10. a liquid that is able to attach itself to a surface

12. the ability to cause change

13. a change in the appearance of matter but nothing new is created

14. a change in matter where a brand new substance is created

## Down

1. states that the buoyant force on an object is equal to the weight of the fluid displayed by the object

3. a push or pull

5. a fluids (such as water) ability to make something float

6. how fast/slow molecules are moving

7. measurement of the average speed of all the molecules

11. the basic unit of matter