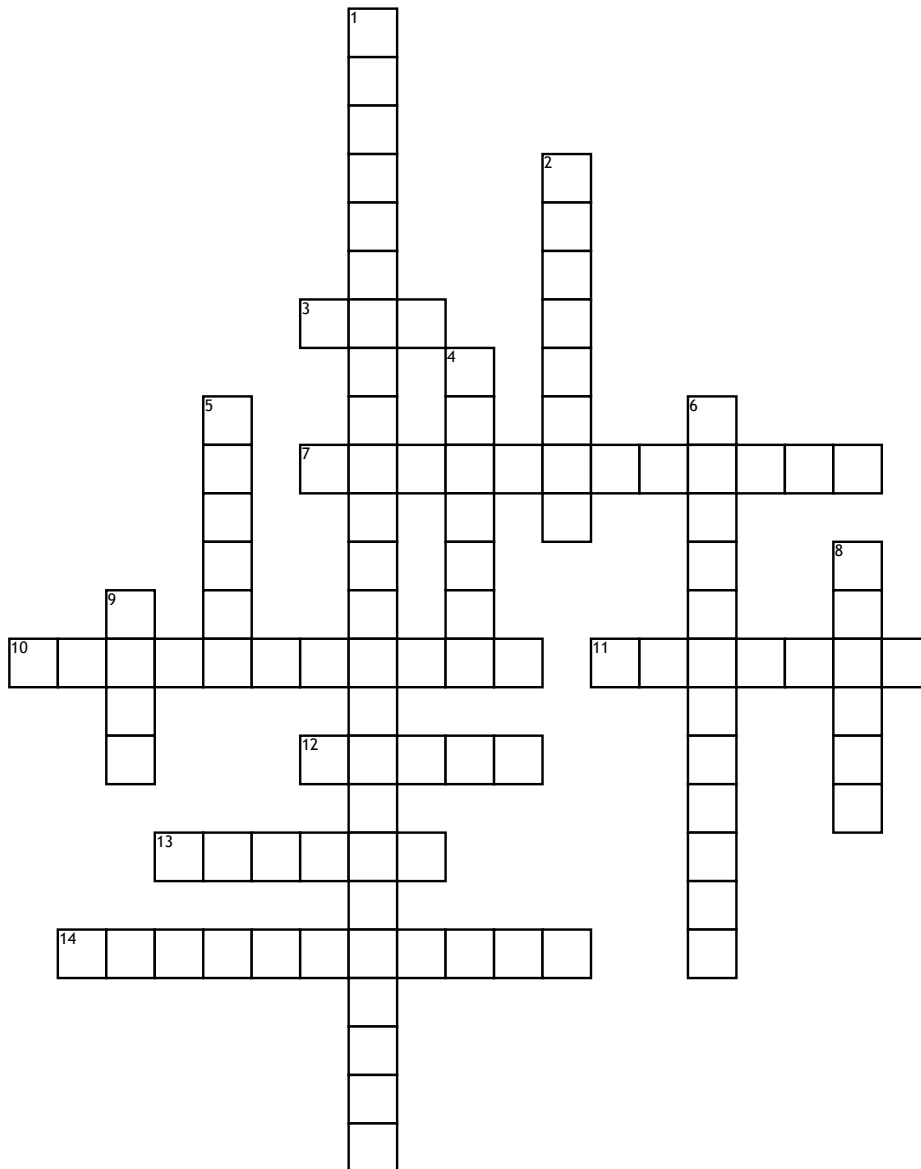


Name: \_\_\_\_\_

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

# Madeline Blatz



## Across

3. Matter that does not have a definite shape or volume has particles that move at high speeds in all directions

7. The temperature at which a liquid boils

10. Matter can undergo a phase change, shifting from one to another

11. Mass of an object divided by its volume

12. Matter with a definite shape and has tightly packed particles that move mainly by vibrating

13. Matter with a definite volume but no definite shape that can flow from one place to another

14. Chemical process where a solid turns into a gas without going through a liquid stage

## Down

1. The process that takes place when a liquid changes to gas

2. Change of matter from a liquid state to a solid state

4. Change of matter from a solid state to a liquid state

5. The amount of space that a substance or object occupies

6. Change of matter a liquid state

8. Anything that takes up space and has mass

9. The measure of the amount of matter in an object