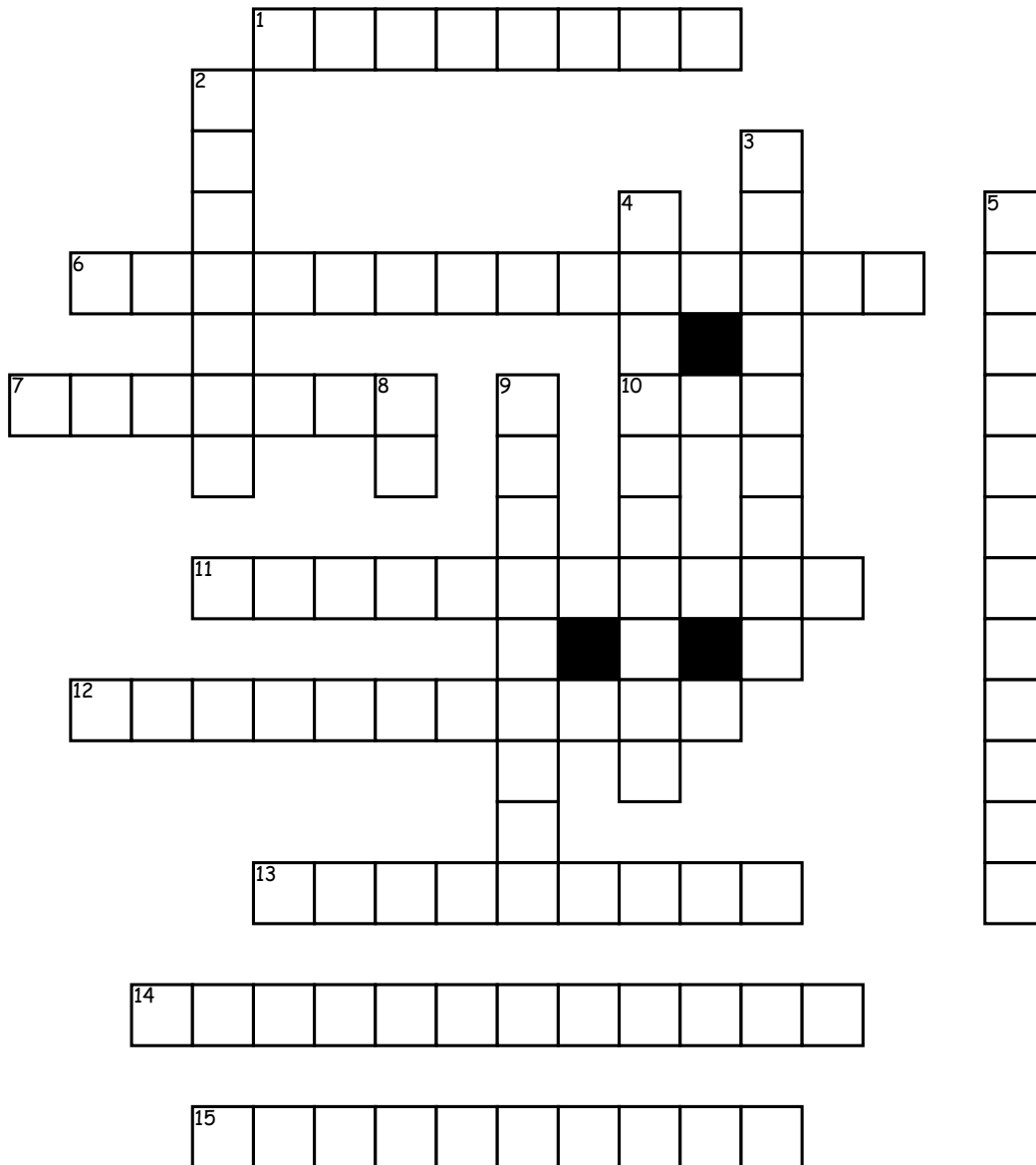


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Cell Part/Organelles



## Across

1. A rigid outer layer that surrounds the cells of plants and other organisms

6. Receives proteins and other substances from the ER, packages them, and sends them to other parts of the cell or to the outside of the cell.

7. Stores water, food and other materials

10. Energy

11. Captures energy from sunlight and changes it into a form of energy cell's can use to make food.

12. Does not have an organized nucleus

13. Contain substances that break down larger food particles into smaller food particles.

14. Controls which substances pass into and out of the cell

15. Have an organized nucleus that acts as the nuclear envelope for the cell

## Down

2. The Cell's control center

3. Thick, clear gel-like fluid that moves constantly within a cell.

4. Tiny cell structures that carry out specific functions within the cell

5. Convert energy stored in food to make energy the the cell can use to live and function

8. An organelle with a network of membranes that produce many substances. Ribosomes

9. Small organelles that produce proteins