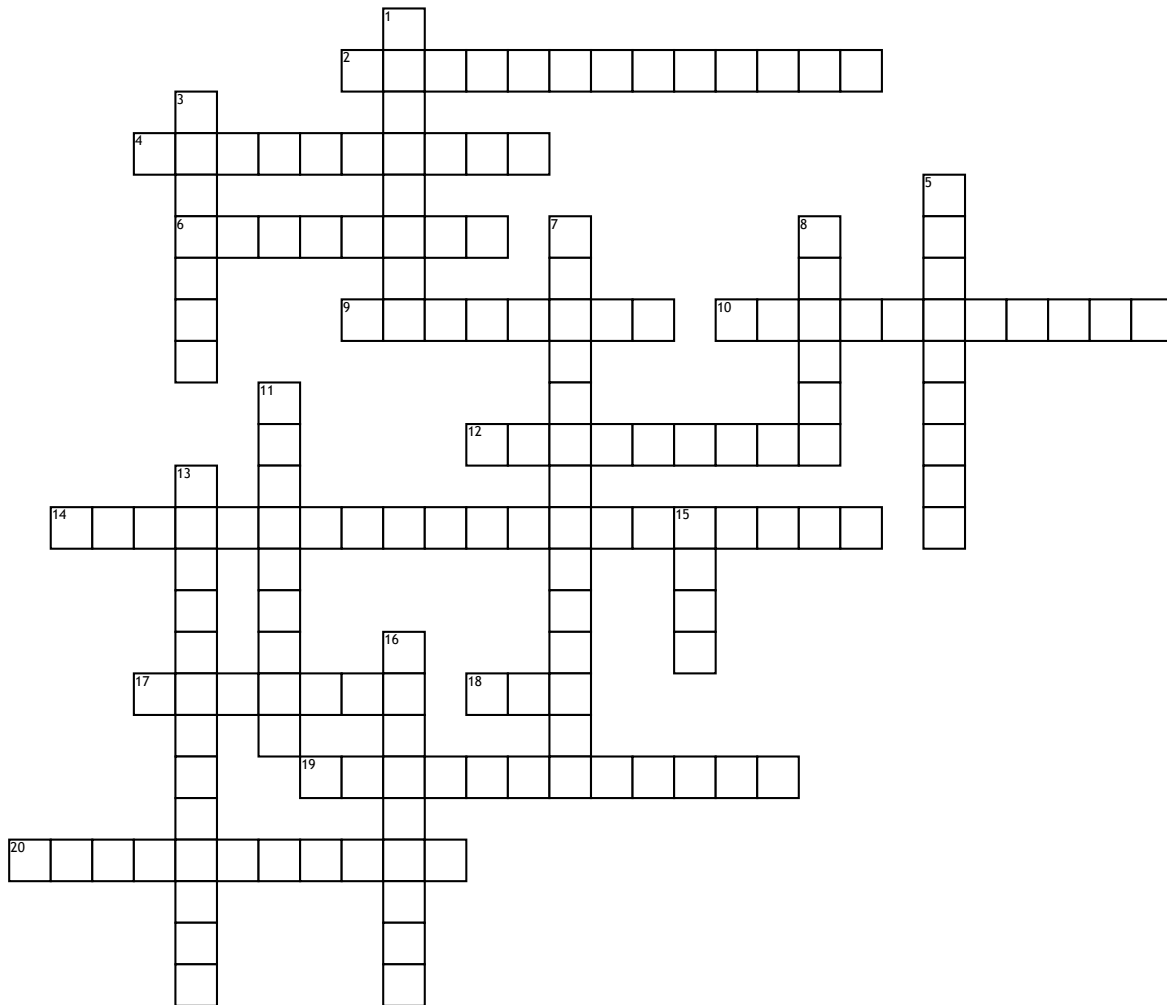


Name: \_\_\_\_\_

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

# Plant Cells and Animal Cells



## Across

2. converts fuel particles into usable energy; has an outer and inner membrane

4. \_\_\_\_\_ cells contain a nucleus and membrane bound organelles

6. vesicles that digest excess organelles, bacteria, and food particles

9. thick, rigid mesh of fibers outside the plasma membrane; protects and gives support to plant cells

10. capture and convert light energy to chemical energy in plant cells

12. tail-like structure that aids in locomotion and eating

14. membrane system of folded sacs that are the site for making proteins and lipid

17. large, membrane bound storage compartment

18. cell's genetic material

19. supporting network of long, thin protein fibers that form a framework for the cell; supports organelles

20. \_\_\_\_\_ cells without a nucleus or other membrane bound organelles

## Down

1. make proteins

3. directs cell processes; contains the cell's DNA

5. semi-fluid material inside the plasma membrane

7. flexible boundary that controls movement of substances into and out of the cell

8. hair-like structures that aid in locomotion and sweep substances along surfaces

11. part of the nucleus that makes ribosomes

13. flattened stack of membranes that packages proteins for redistribution outside the cell

15. basic structural unit of life

16. microtubules that play a role in cell division