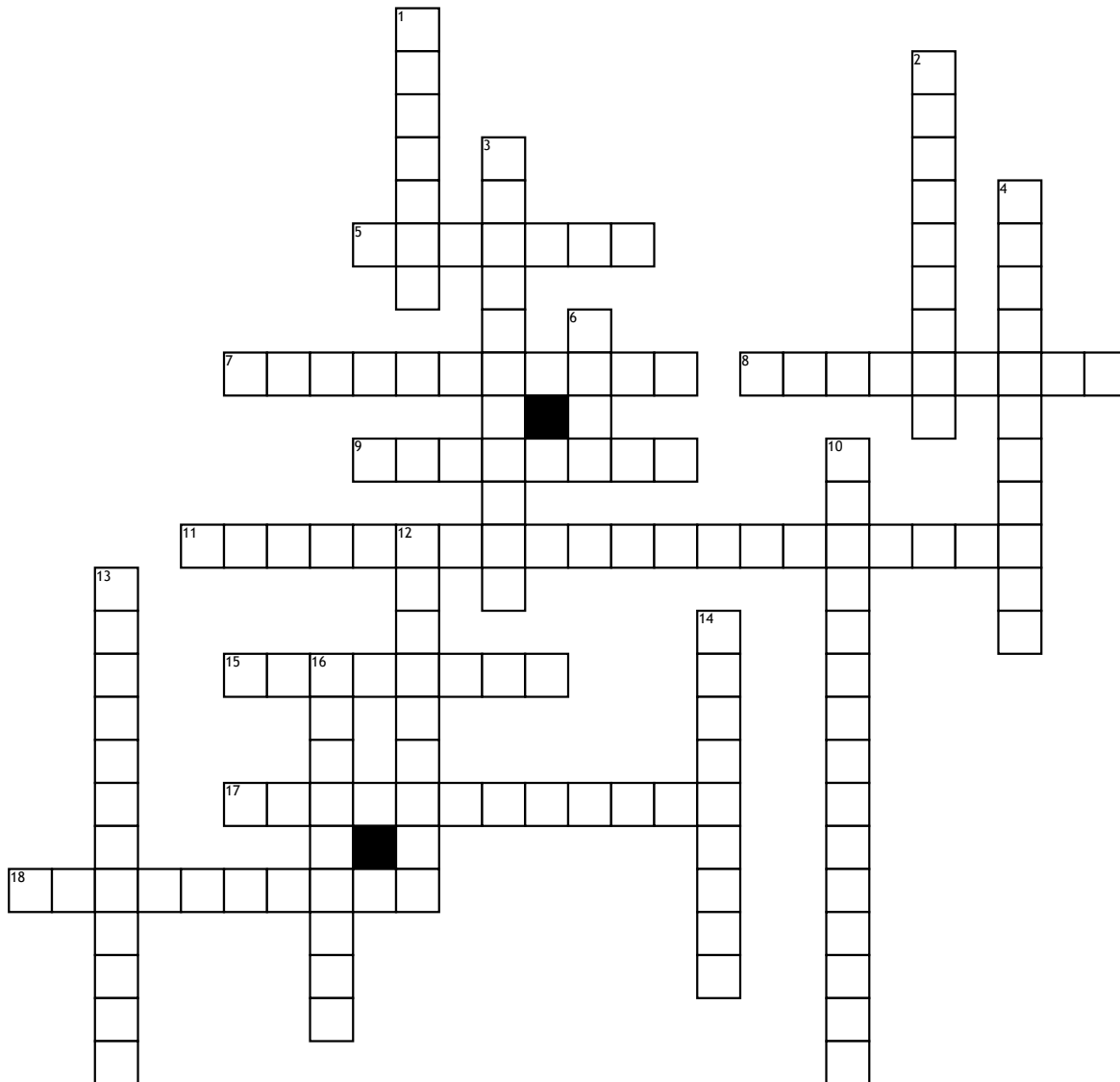


Name: _____

Date: _____

Functions of the organelles



Across

5. Serves as the control center for cell metabolism and reproduction

7. Packages and secretes the products of the cell

8. Sites of protein synthesis

9. Gives the cell its shape and provides protection; not found in animal cells

11. Serves as a pathway for transport of materials throughout the cell; also associated with synthesis

15. Fluid filled organelles enclosed by a membrane; contains stored food or waste

17. Controls the movement into and out of cell

18. Involved in cell division in animal cells

Down

1. Site of production of ribosomes

2. watery material which contains many of the materials involved in cell metabolism

3. Site of photosynthesis

4. Rod-shaped bodies that carry genetic information

6. Hairlike structures with capacity for movement

10. Controls movement into and out of the nucleus

12. Involved in digestion of food within the cell

13. The "powerhouse" of the cell

14. A long, hairlike structure used for movement

16. During cytokinesis, the new cell wall that begins to form in the middle, dividing the two sides