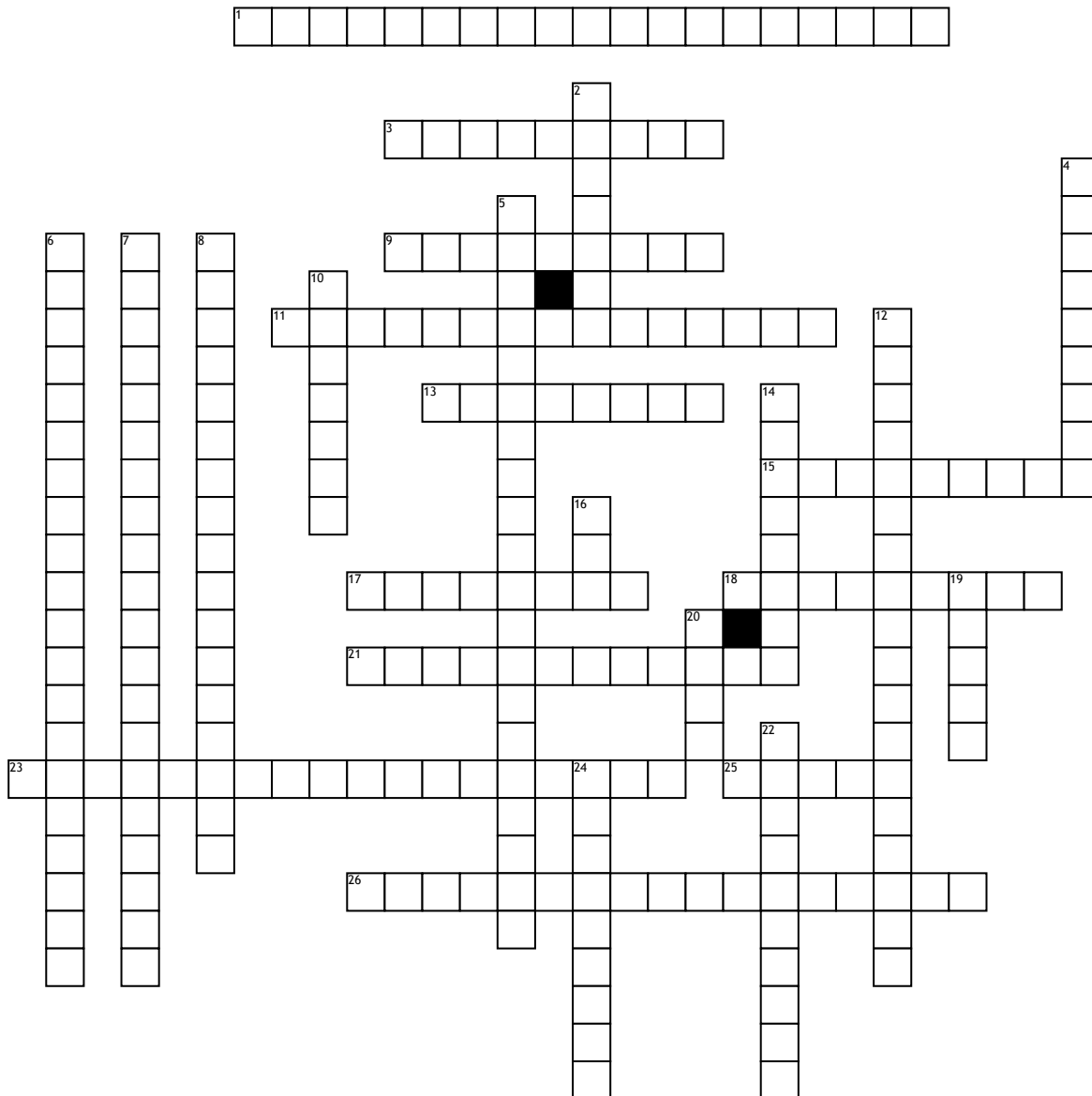


Name: \_\_\_\_\_

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

# Cell Crossword



## Across

1. Discovered living cells
3. Contains information for directing a cell's functions
9. Produces Protein
11. Surrounds the nucleus and materials pass in and out of the nucleus
13. Objects are viewed through this part on the microscope
15. Adjusts the amount of light passing through the slide and into the objective lens
17. Contains chemicals that break down large food particles into smaller ones
18. Where ribosomes are made

21. Barrier that surrounds a cell and controls which substances pass in and out of the cell

23. Focuses an image when it is viewed through high-power objective
25. Supports the object being viewed
26. Magnifies an image x4

## Down

2. Stores water, food, and other materials
4. The thick fluid region of the cell
5. Focuses the image when it is viewed through low-power objective
6. A maze of passageways in which proteins and other materials are carried from one part of the cell to another

7. Magnifies an image x10

8. Proved that plants have living cells in them

10. Contains the cell's genetic material in the form of DNA and controls many of the cell's activities

12. Magnifies an image x40

14. Separates the lens in the eyepiece from the objective lens below

16. Supports the body above the stage

19. Reflects through the stage mirror

20. Supports the microscope

22. Holds a slide in place on the stage

24. Holds the objective lenses above the stage and rotates so that all lenses may be used