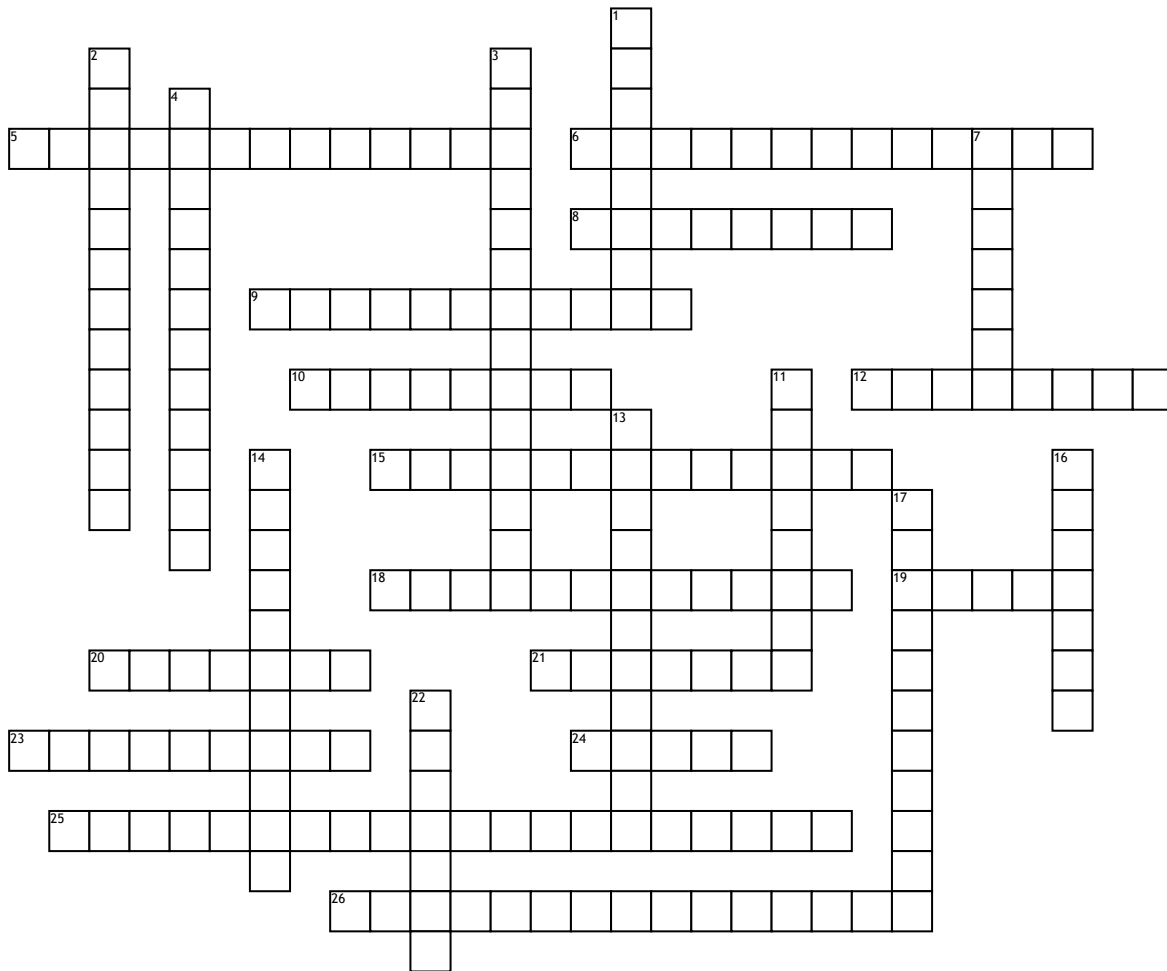


Name: \_\_\_\_\_

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

# Bacteria



## Across

- 5. some cells photosynthesize and others fix nitrogen
- 6. bacterial virus
- 8. hairlike appendages
- 9. moderate archaea
- 10. carries the DNA for antibiotic resistance
- 12. carries the DNA for making a pilus
- 15. polymer made of sugar and protein that provides structure to cell wall
- 18. bacteriophages carry genes from one bacteria to another

- 19. movement away from a stimulus

- 20. our domain
- 21. small ring of DNA
- 23. helps bacteria withstand harsh conditions
- 24. Temperature and pH are two factors that can \_\_\_\_ bacterial reproduction
- 25. combining of DNA from 2 sources
- 26. must use oxygen

## Down

- 1. gives rise to genetic diversity
- 2. thick but simple cell walled bacteria

- 3. uptake of DNA from the environment
- 4. the relationship between bacteria and human skin
- 7. equally related to bacteria and eukarya
- 11. bacterial chromosome can be found here
- 13. direct transfer of DNA between 2 bacterial cells
- 14. bacteria and archaea
- 16. adhesive layer that protects against dehydration
- 17. bacterial killers
- 22. F plasmid becomes integrated into host cell genome