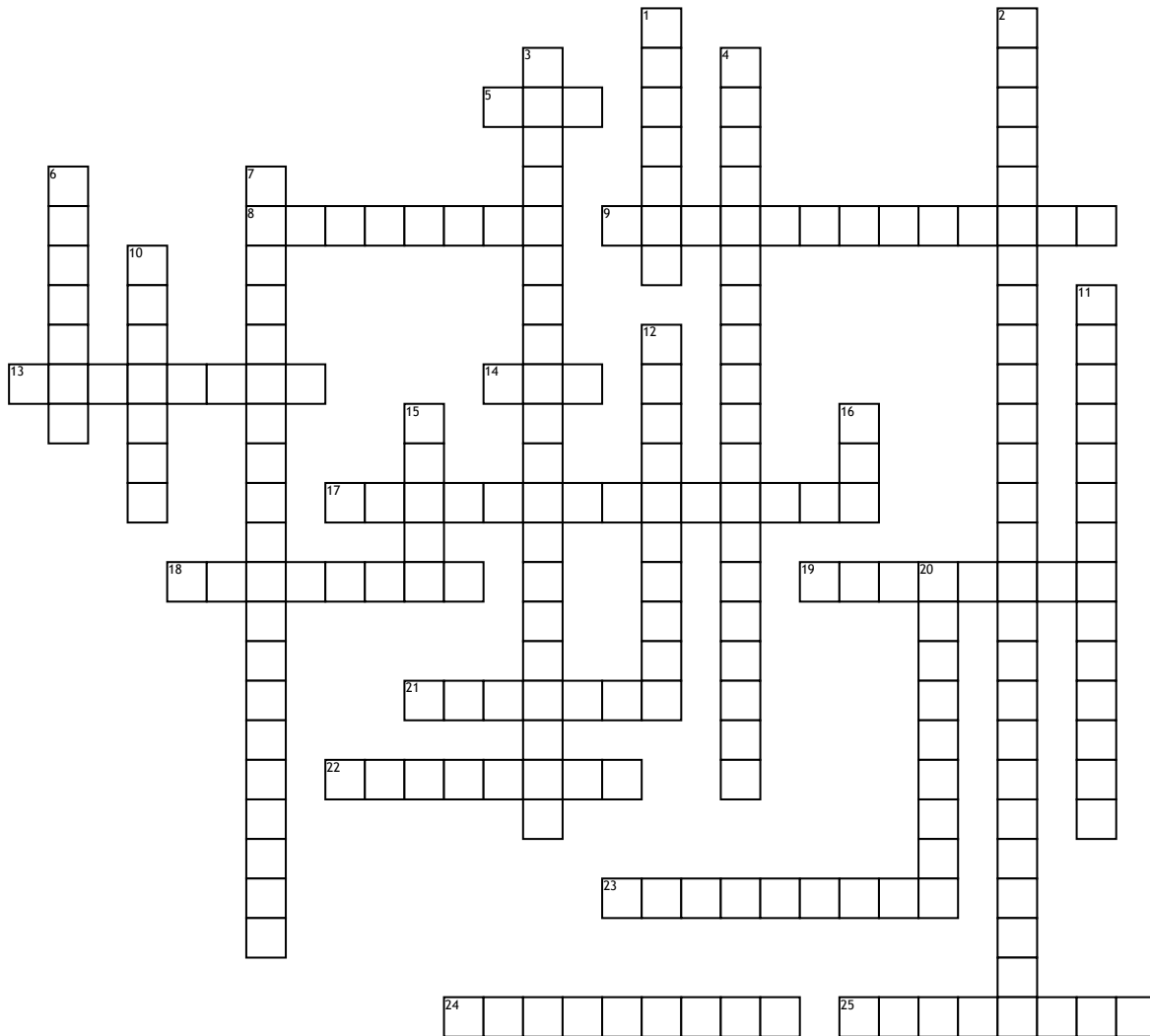


Name: \_\_\_\_\_

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

# IB Biology Terms



**Across**

- 5. Eukaryotic Ribosomes
- 8. DNA that is not associated with any other molecule
- 9. A form of asexual reproduction used by prokaryote cells
- 13. peptidoglycan that can protect and maintain cell shape
- 14. Membrane network that is studded with ribosomes
- 17. An assembly of vesicles and folded membranes located near the cell membrane
- 18. Region containing a single free circle of DNA
- 19. Site of protein synthesis
- 21. Any of a group of basic proteins found in chromatin

- 22. Membranous sacs filled with hydrolytic enzymes
  - 23. More complex, compartmentalized by membrane bound structures that perform specific roles
  - 24. long corkscrew shape that helps make the cell
  - 25. Type of biological cell
- Down**
- 1. An independent small area of DNA
  - 2. Displays enhanced depth to map objects in 3D
  - 3. Divisions in sections or categories
  - 4. Provide structure and biochemical support and surrounding cells
  - 6. Found in extreme environments like high temp, salt concentrations, or pH

- 7. A membrane network that may be bare (smooth), undertake secretory activities
- 10. Double membrane structure that stores DNA
- 11. Produce and secret substances onto an epithelial surface by way of a duct
- 12. Unicellular organisms with no nucleus that make up the Monera Kingdom
- 15. Protein filaments that help with cell adhesion
- 16. Prokaryote Ribosome
- 20. Specialized substructures within a cell that serve functions