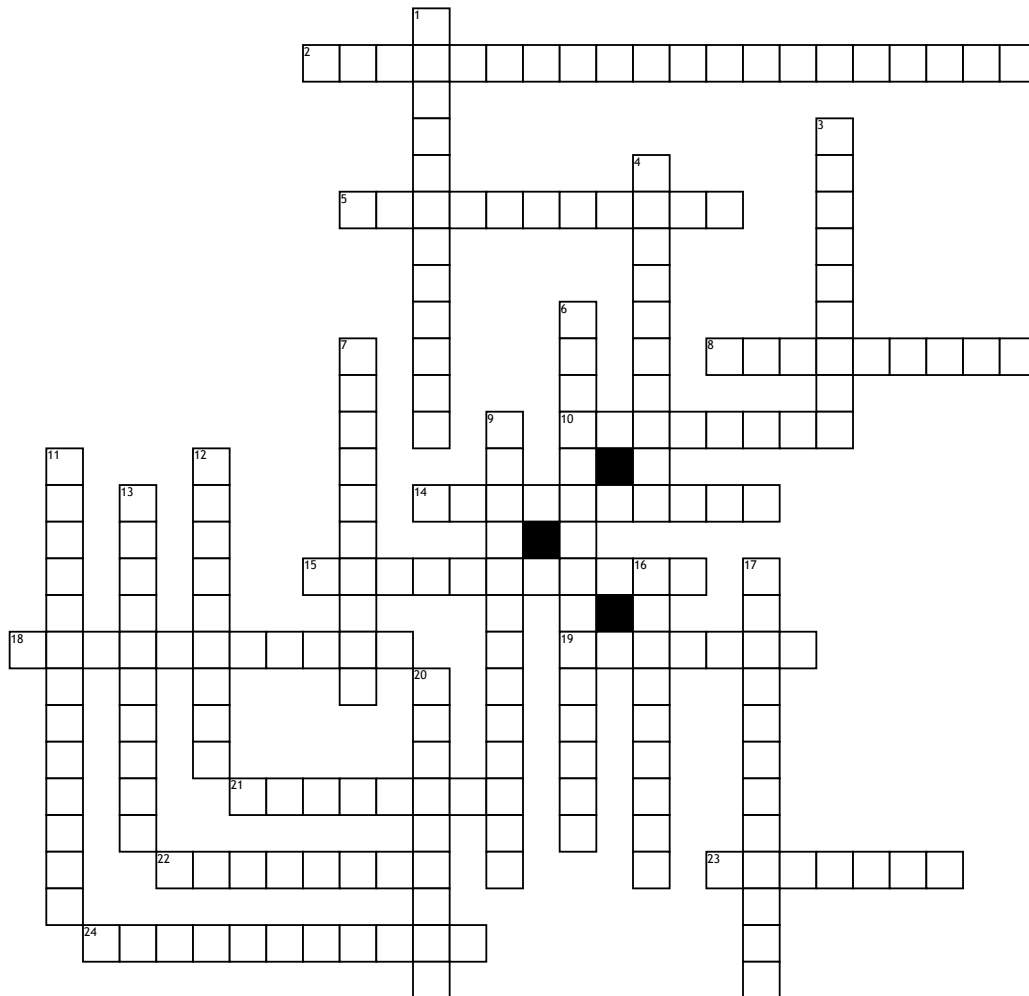


Name: _____

Date: _____

Cell Organelles



Across

- 2. system of membranes that extend throughout much of the cytoplasm
- 5. provide structural support to the cell and may be involved in movement
- 8. network of thin threads
- 10. contains digestive enzymes
- 14. holes on nuclear envelope
- 15. appear to allow a direct bridge of cytoplasm from one cell to another
- 18. plastids that produce and store other pigments that impart color
- 19. fluid-filled sacs in the membrane that may contain a wide variety of dissolved substances

- 21. tiny structures which manufacture proteins
- 22. consists mostly of fibers of cellulose
- 23. substances stored in vacuoles
- 24. trapped light energy converted to chemical energy

Down

- 1. a stack of membranous sacs in which various molecules are manufactured
- 3. cylindrical bundles of microtubules that seem to give rise to the longer spindle
- 4. fluid that fills the space in the nucleus
- 6. lack a true membrane-enclosed nucleus

- 7. a structureless fluid in the remaining portion of the cytoplasm
- 9. involved in movement and attached to other cells
- 11. powerhouse of the cell
- 12. prominent structure within the nucleus
- 13. served to store starch
- 16. contain various enzymes not involved with digestion
- 17. completely covers the entire cell and serves to hold it together
- 20. membrane of a vacuole

Word Bank

Endoplasmic Reticulum
 Chromoplast
 Crystal
 Microbody
 Cell Wall
 Microfilament

Centriole
 plasmodesma
 Chloroplast
 Chromatin
 Ribosome
 Microtubule

Vacuole
 Golgi Complex
 Mitochondrion
 Cell Membrane
 Lysosome
 Tonoplast

Leucoplast
 Hyaloplasm
 Nuclear Envelope
 Nuclear Pore
 Nuclear Sap
 Nucleolus