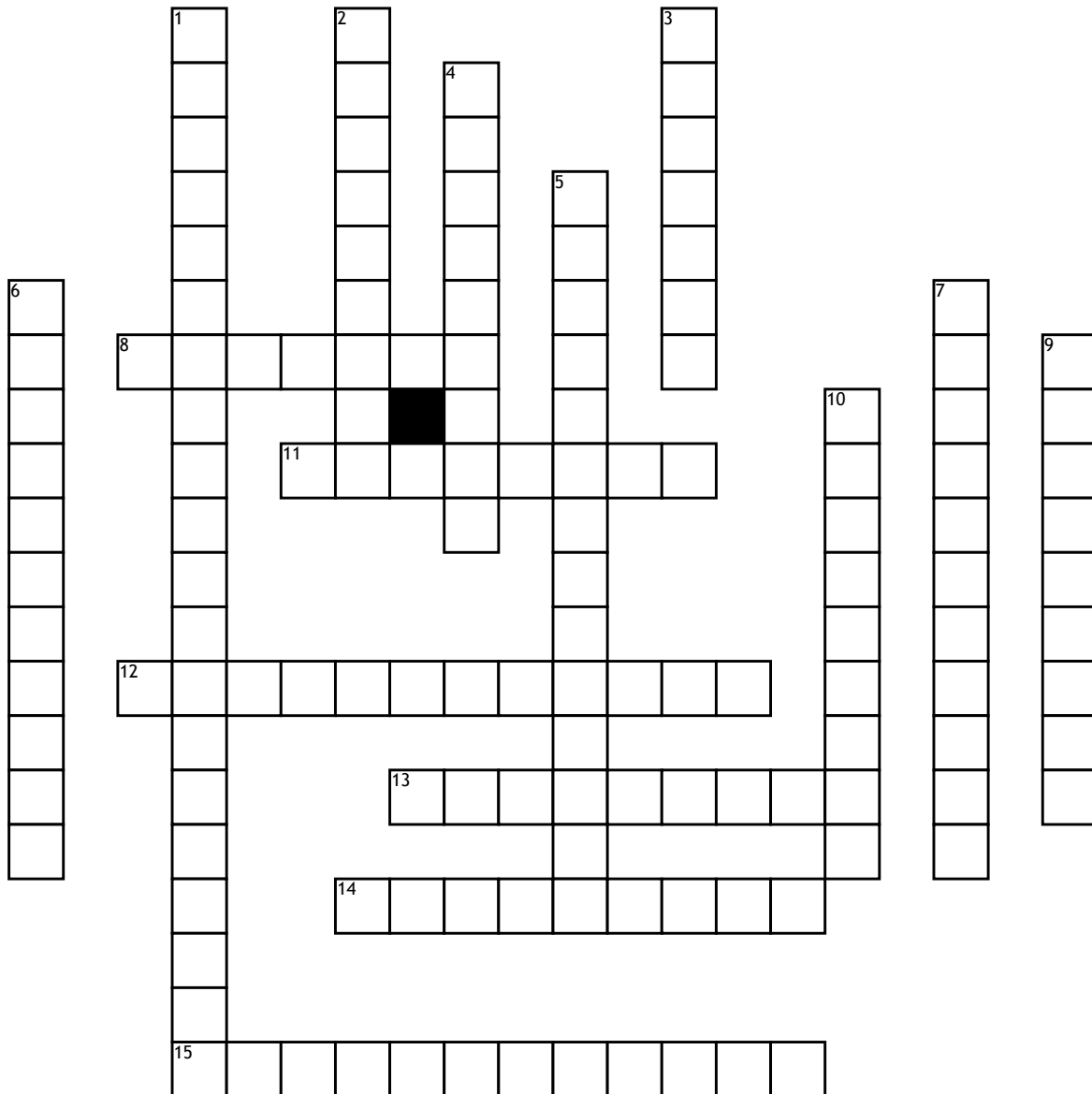


Name: _____

Date: _____

cells and cell organelles



Across

- 8. Stores materials.
- 11. Shapes, supports, and protects the cell.
- 12. Regulates materials entering and leaving cell; protects and supports the cell.
- 13. Organizes cell divisions.
- 14. Breaks down and recycles macro-molecules.

15. Converts chemical energy in food to usable compounds.

Down

- 1. Assembles proteins and lipids.
- 2. Encloses their DNA and has membrane based organelles.
- 3. Contains DNA.
- 4. Any of a number of organized or specialized structures within a living cell.

5. Modifies, sorts, and packages proteins and lipids for storage or transport out of the cell.

- 6. Convert solar energy to chemical energy stored in food.
- 7. Does not enclose DNA in nuclei.
- 9. Portion of the cell outside the nucleus.
- 10. Synthesizes proteins.