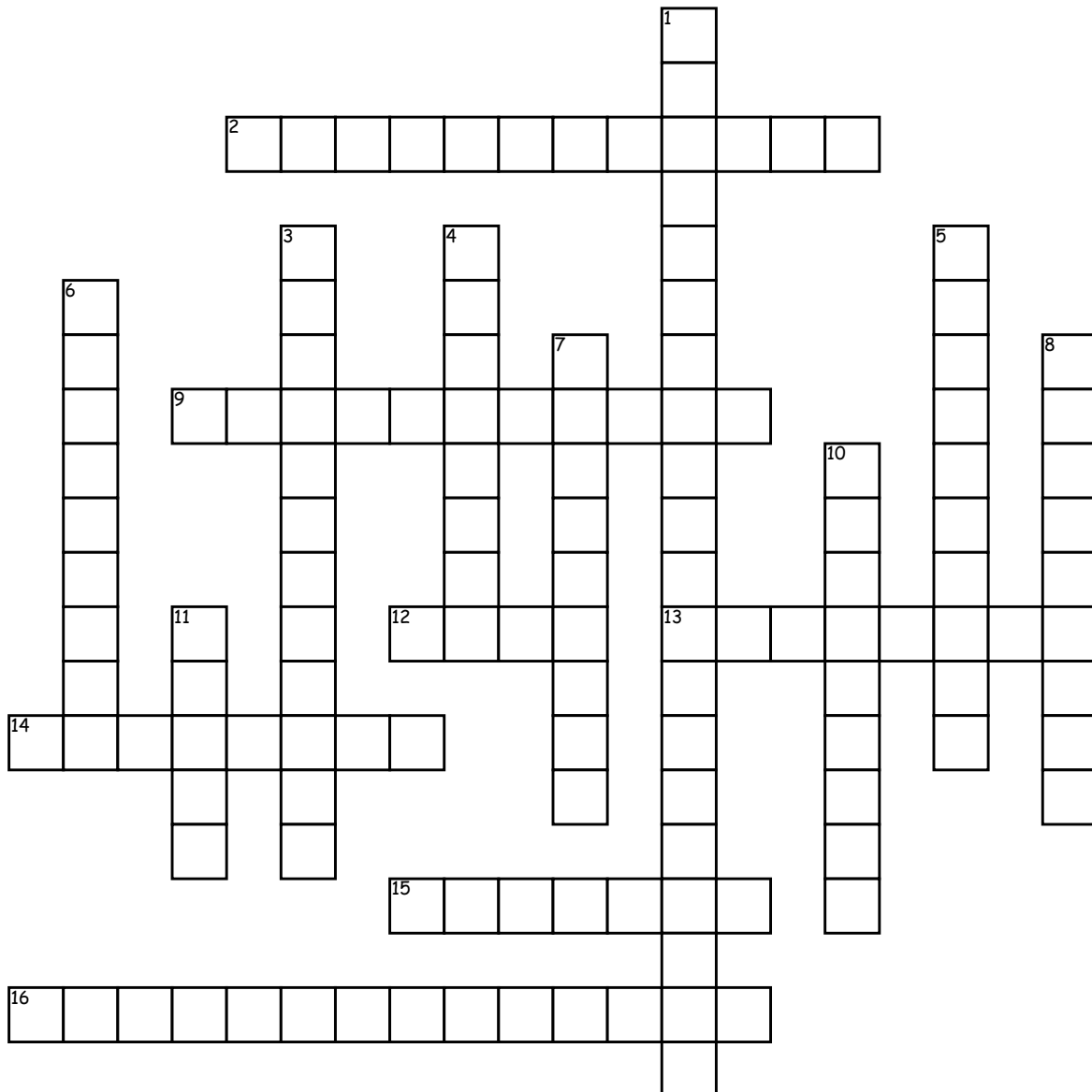


Name: _____

Date: _____

CELLS



Across

2. Powerhouse of the cell, organelle that is the site of ATP (energy) production.

9. They capture energy from sunlight and use it to produce food for the cell

12. The basic unit of life

13. Tiny grainlike structures used to make proteins

14. A rigid layer of nonliving material that surrounds the cells of plants and some other organisms

15. The cell's control center, it directs all cell activities

16. modifies proteins and sends them to their appropriate destinations

Down

1. They carry proteins and other materials from one part of the cell to another

3. The outside boundary of a cell that controls which substances can enter or leave a cell

4. They contain chemicals that break down large food particles and old cell parts

5. A unicellular organism that lacks a nucleus and membrane bound organelles

6. A cell that contains a nucleus and membrane bound organelles

7. long, thin, whip-like structures, with a core of microtubules, that enable some cells to move

8. membrane-bound structures within eukaryotic cells

10. The bulk of the cell that contains all the organelles

11. short, numerous, hairlike projections composed of pairs of microtubules;