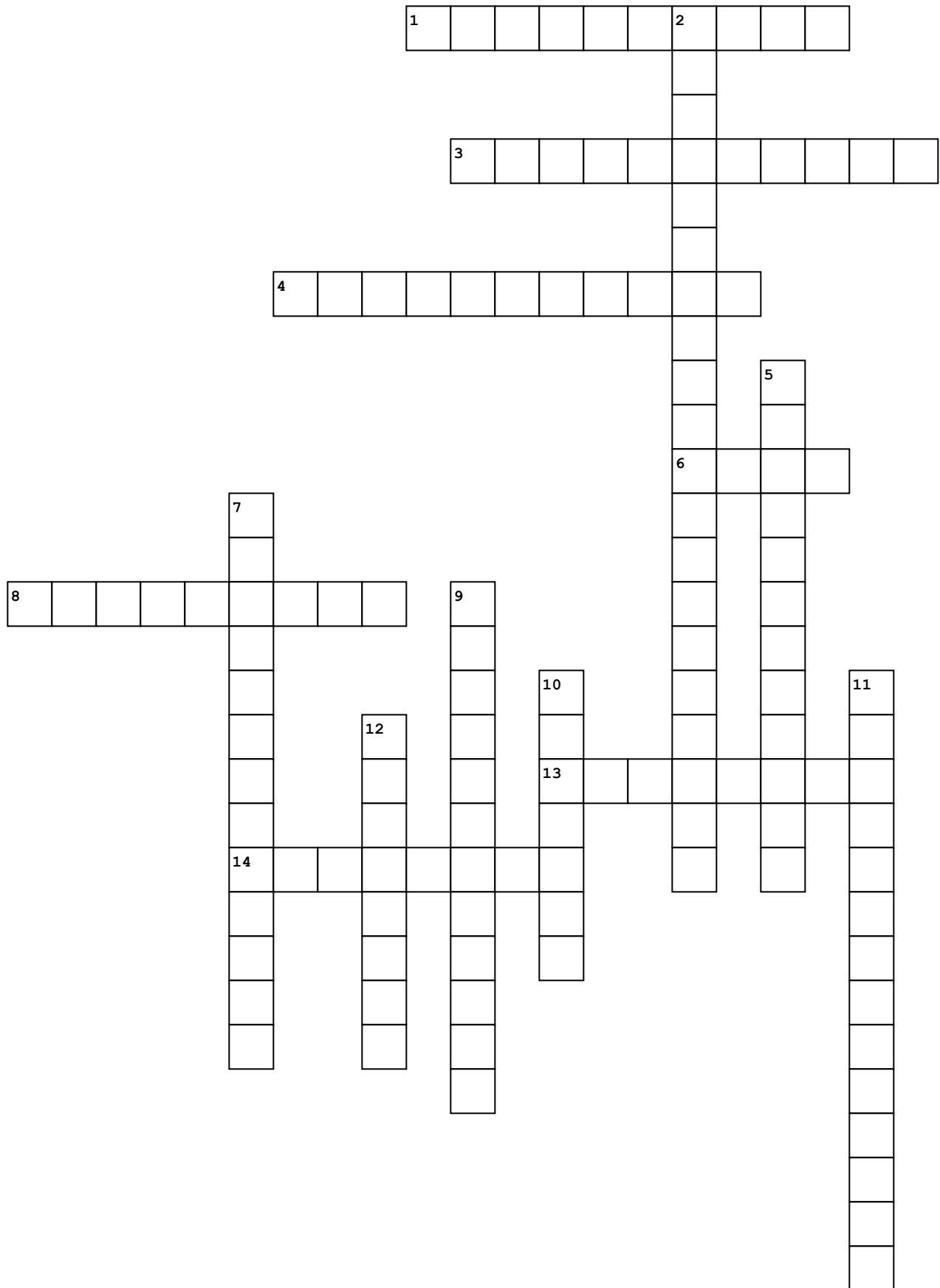


# Organelles & Cell Structures



### Across

1. A widely accepted explanation of the relationship between cells and living things.
3. An organelle in the cells of plants and some other organisms that captures energy from sunlight and changes it to an energy form that cells can use in making food.
4. Made of a single cell.
6. The basic unit of structure and function in living things.
8. The thick fluid region of a cell located inside the cell membrane or between the cell membrane and the nucleus.
13. A rigid supporting layer that surround the cells of plants and some other organism.
14. A cell organelle which contains chemicals that break down large food particles into smaller ones and that can be used by the rest of the cell.

### Down

2. An organelle that forms a maze of passageways in which proteins and other materials are carried from one part of the cell to another.
5. A thin, flexible barrier that surrounds a cell and controls which substances pass into and out of a cell.
7. Consisting of many cells.
9. Rod-shaped organelles that convert energy in food molecules to energy the cell can use to carry out its functions.
10. A large oval organelle that contains the cell's genetic material in the form of DNA and controls many of the cell's activities.
11. An organelle in a cell that receives proteins and other newly formed materials from the endoplasmic reticulum, packages them, and distributes them to other parts of the cell.
12. A small grain-shaped organelle in the cytoplasm of a cell that produces proteins.