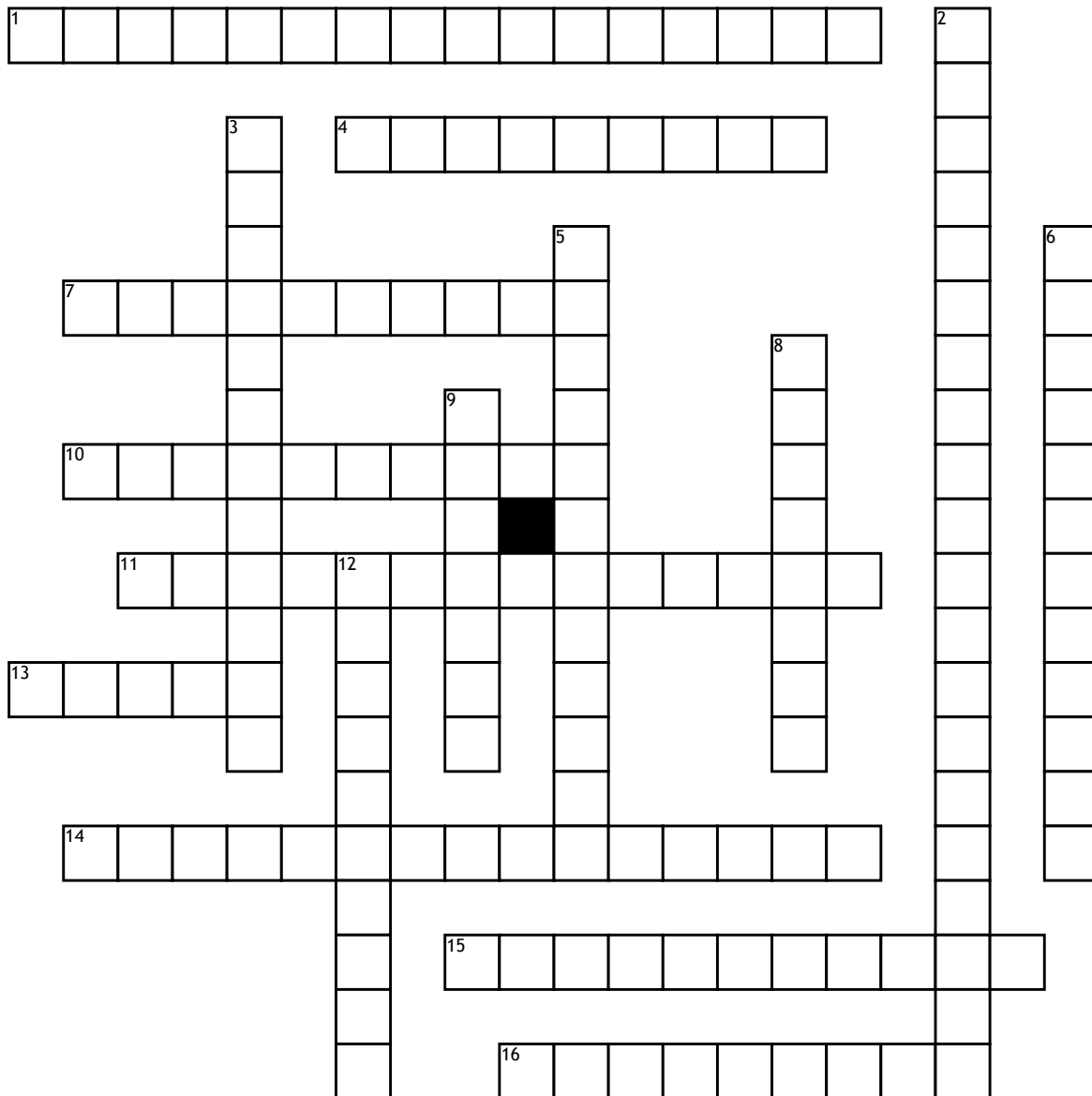


Name: _____

Date: _____

Cell Structure and Function



Across

1. The movement of substances through a cell membrane without using the cell's energy
4. A fluid inside a cell that contains salts and other molecules
7. All living things are made of one or more cells
10. The process during which a cell's vesicles release their contents outside the cell
11. Formed by joining many small molecules together
13. A large macromolecule that does not dissolve in water

14. The movement of substances through a cell membrane only by using the cell's energy

15. The process during which a cell takes in a substance by surrounding it with the cell membrane
16. The movement of substances from an area of higher concentration to an area of lower concentration

Down

2. Molecules pass through a cell membrane using special proteins called transport proteins

3. Macromolecules that form when long chains of molecules called nucleotides join together

5. A network of threadlike proteins that are joined together
6. Membrane-bound organelles that use light energy and make food-a sugar called glucose-from water and carbon dioxide
8. Long chains of amino acid molecules
9. the diffusion of water molecules only through a membrane
12. Structures that have specialized functions. They are surrounded by membranes