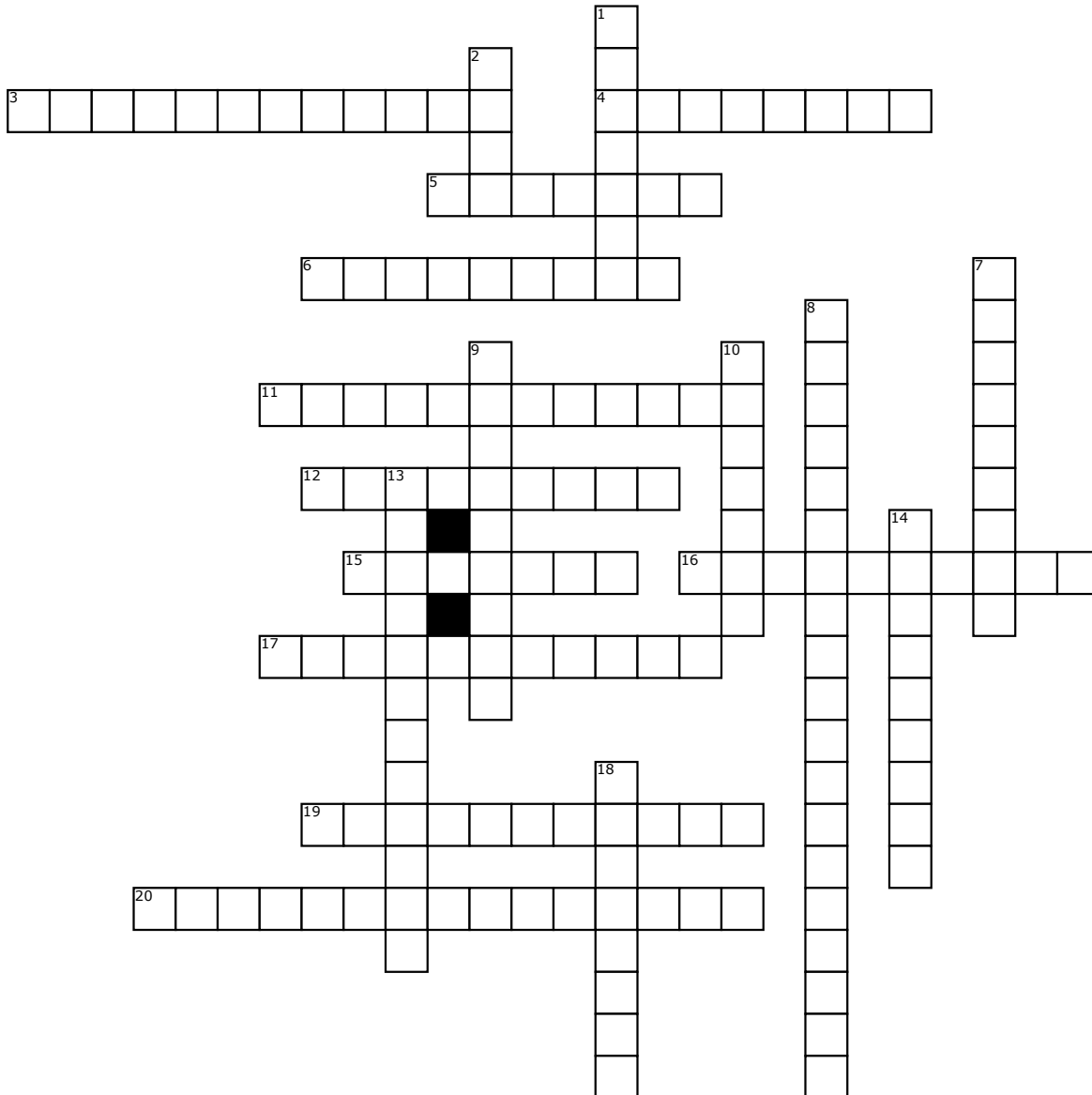


cell crossword puzzle



Across

- 3.** thin, flexible envelope that surrounds a cell and allows passages of materials into and out of the cell
4. outermost boundary of plant cells that is made of cellulose
5. pure substance that cannot be separated into simpler substances by ordinary chemical process
6. region between the cell membrane and the nucleus
11. process in which one cell divides into two cells, each of which is identical to the original cell
12. process of getting rid of waste materials
15. substances used to build and repair cells; made up of amino acids

- 16.** theory that all living things are made of cells, that all cells come from other cells, and that the cell is a basic unit of structure and function in living things

17. cell organelles containing chlorophyll that is involved in the process of photosynthesis

19. rod-shaped cell structure that directs the activities of a cell and passes on the traits of a cell to new cells

20. process in which a cell uses energy to transport a substance into or out of the cell

Down

1. cell structure that directs all activity's of the cell

2. basic unit of structure and function in living things

7. process by which substance move from a higher concentration of that substance to a lower concentration of that substance; primary method by which substances enter and leave the cell through the cell membrane.

8. reproduction requiring only one parent

9. process by which food is broken down into simpler substances.

10. chemical substance that helps control chemical reactions

13. energy-rich substance found in foods such as vegetables, cereal grains, and bread; sugars and starches.

14. threadlike coils of chromosomes

18. two or more elements chemically combined