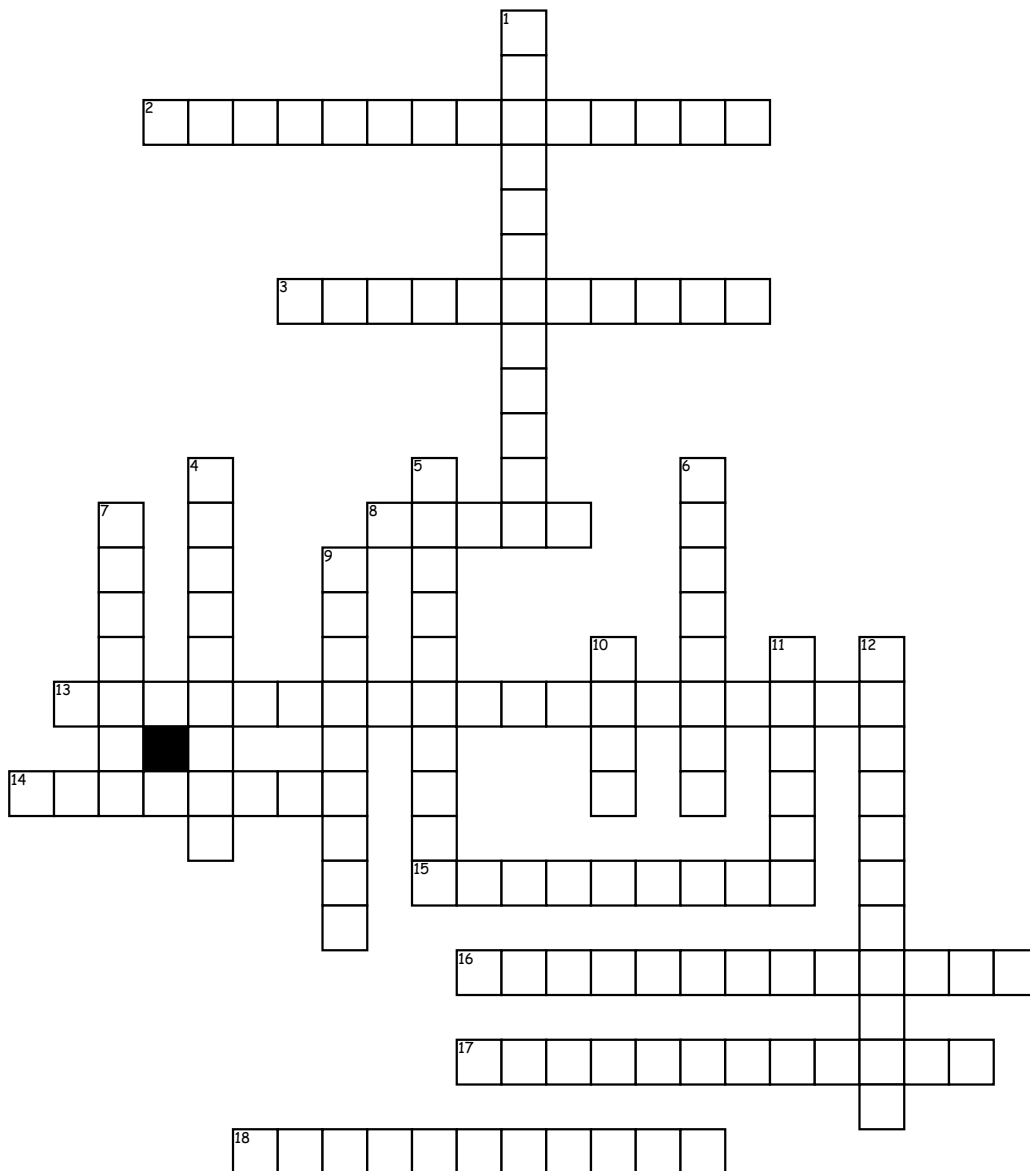


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# cells vocab crossword puzzle



## Across

2. the complex process by which carbon dioxide, water, and certain inorganic salts are converted into carbohydrates by green plants, algae, and certain bacteria, using energy from the sun and chlorophyll

3. a plastid containing chlorophyll

8. a grouping of tissues into a distinct structure, as a heart or kidney in animals or a leaf or stamen in plants, that performs a specialized task

13. the oxidation of organic compounds that occurs within cells, producing energy for cellular processes

14. a cell organelle containing enzymes that digest particles and that disintegrate the cell after its death

15. any organism having as its fundamental structural unit a cell type that contains specialized organelles in the cytoplasm, a membrane-bound nucleus enclosing genetic material organized into chromosomes, and an elaborate system of division by mitosis or meiosis, characteristic of all life forms except bacteria, blue-green algae, and other primitive microorganisms

16. composed of several or many cells

17. the semipermeable membrane enclosing the cytoplasm of a cell

18. a group of organs that work together to perform one or more functions. Each does a particular job in the body, and is made up of certain tissues

## Down

1. an organelle in the cytoplasm of cells that functions in energy production

4. the cell substance between the cell membrane and the nucleus, containing the cytosol, organelles, cytoskeleton, and various particles

5. any cellular organism that has no nuclear membrane, no organelles in the cytoplasm except ribosomes, and has its genetic material in the form of single continuous strands forming coils or loops, characteristic of all organisms in the kingdom Monera, as the bacteria and blue-green algae

6. the definite boundary or wall that is part of the outer structure of certain cells, as a plant cell

7. a specialized, usually spherical mass of protoplasm encased in a double membrane, and found in most living eukaryotic cells, directing their growth, metabolism, and reproduction, and functioning in the transmission of genic characters

9. a specialized part of a cell having some specific function; a cell organ

10. a usually microscopic structure containing nuclear and cytoplasmic material enclosed by a semipermeable membrane and, in plants, a cell wall; the basic structural unit of all organisms

11. an aggregate of similar cells and cell products forming a definite kind of structural material with a specific function, in a multicellular organism

12. having or consisting of a single cell