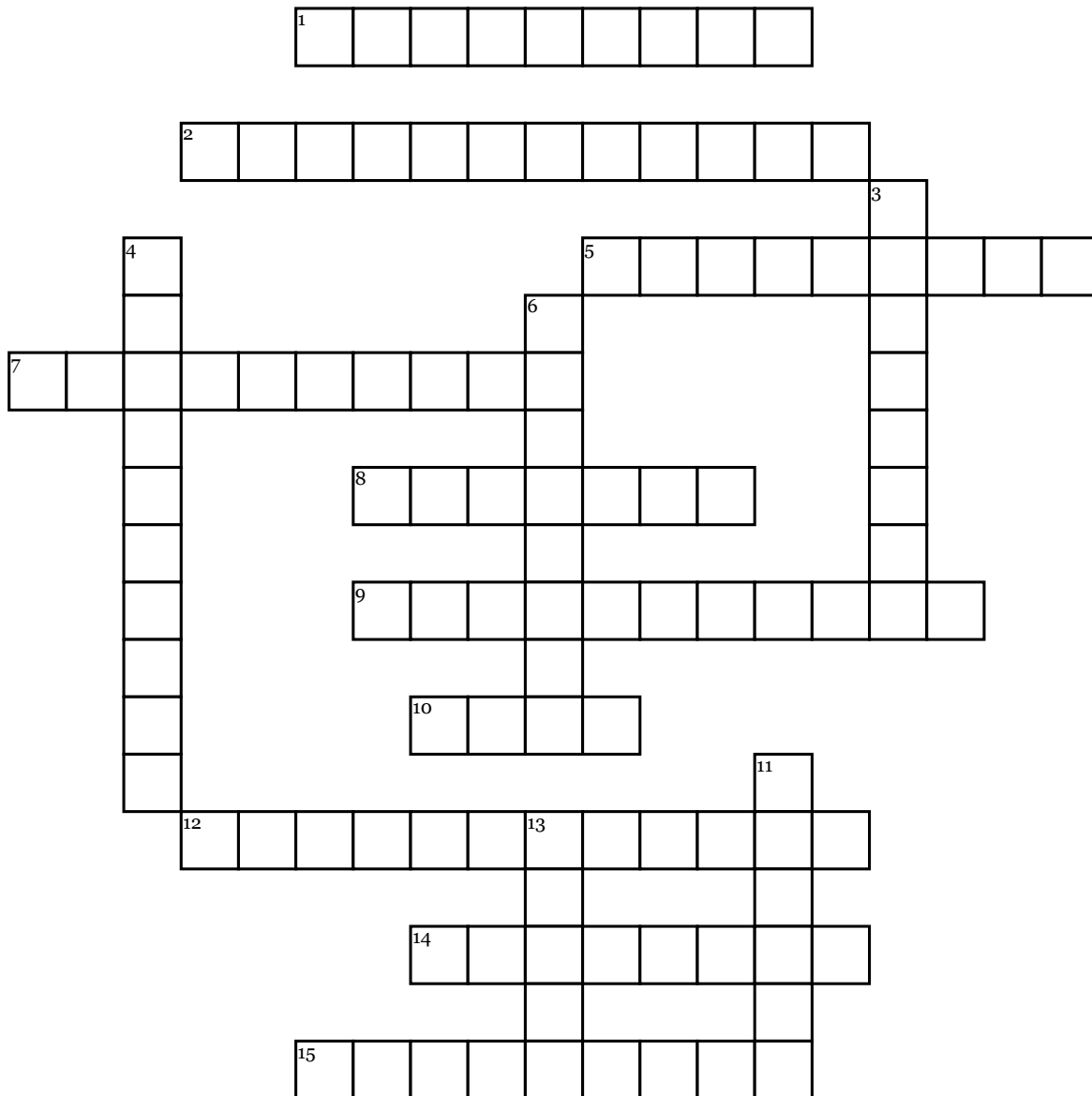


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# Cell vocab



## Across

- 1.** the material or protoplasm within a living cell, excluding the nucleus.
- 2.** a microscopic double layer of lipids and proteins that bounds cells and organelles and forms structures within cells
- 5.** an organism consisting of a cell or cells in which the genetic material is DNA in the form of chromosomes contained within a distinct nucleus
- 7.** single-celled organism that has neither a distinct nucleus with a membrane
- 8.** a dense organelle present in most eukaryotic cells, typically a single rounded structure bounded by a double membrane, containing the genetic material

- 9.** group of organs that work together to perform one or more functions

- 10.** the smallest structural and functional unit of an organism

- 12.** the biochemical processes of respiration and energy production occur.

- 14.** the material structure of an individual life form

- 15.** any of a number of organized or specialized structures within a living cell.

## Down

- 3.** an organelle in the cytoplasm of eukaryotic cells containing degradative enzymes enclosed in a membrane.

- 4.** a plastid that contains chlorophyll and in which photosynthesis takes place

- 6.** a rigid layer of polysaccharides lying outside the plasma membrane of the cells of plants, fungi, and bacteria. In the algae and higher plants, it consists mainly of cellulose

- 11.** an ensemble of similar cells and their extracellular matrix from the same origin that together carry out a specific function.

- 13.** a part of an organism that is typically self-contained and has a specific vital function