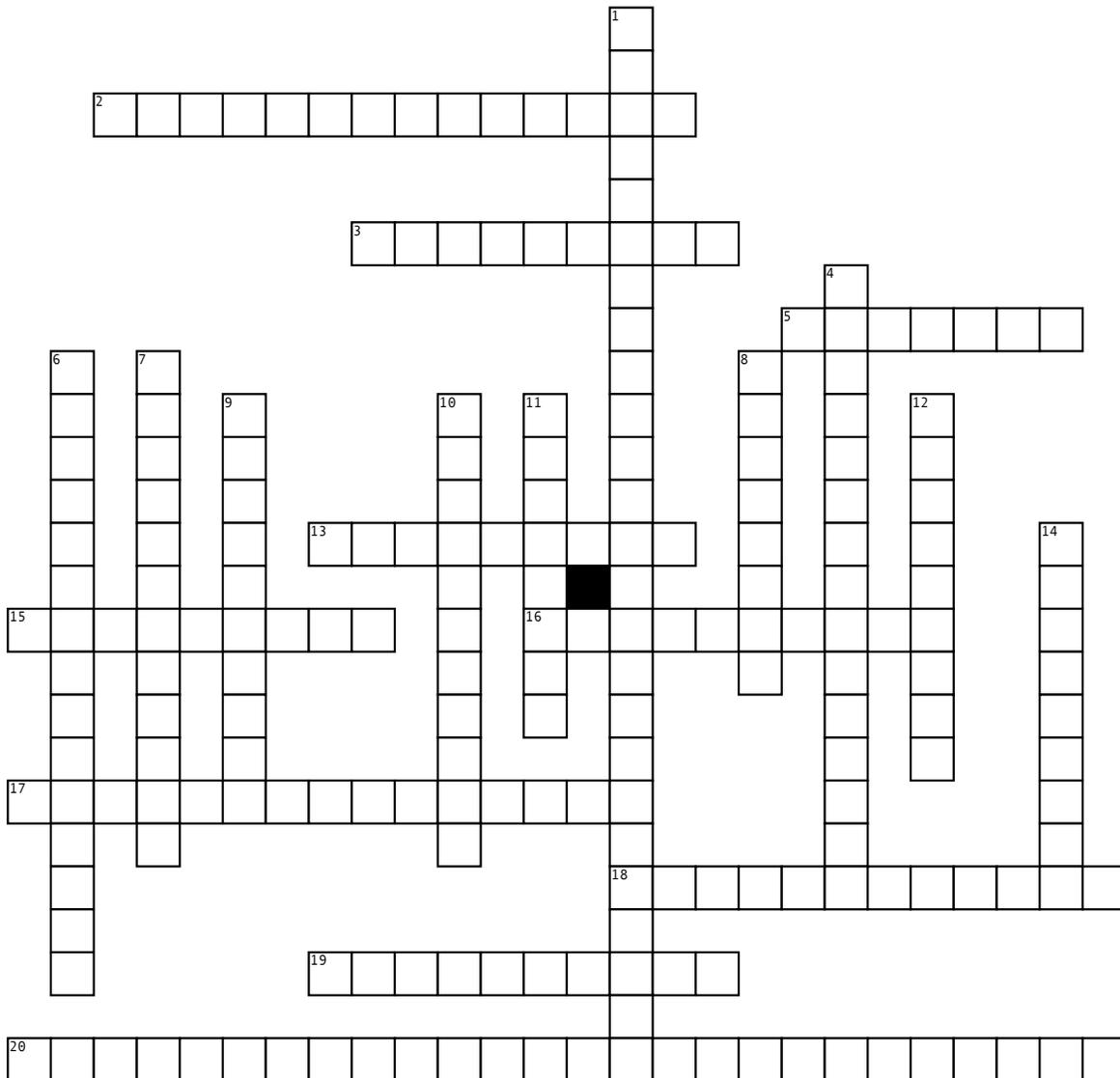


Cell crossword puzzle



Across

- 2. a complex of vesicles and folded membranes within the cytoplasm of most eukaryotic cells, involved in secretion and intracellular transport.
- 3. Cell in a plant
- 5. Brain of the cell
- 13. the intact cytoplasmic content of a single cell.
- 15. an organelle in the cytoplasm of Eukaryota cells containing degradation enzymes enclosed in a membrane.
- 16. Cell in a animal
- 17. the movement of ions or molecules across a cell membrane into a region of higher concentration, assisted by enzymes and requiring energy.
- 18. the semipermeable membrane surrounding the cytoplasm of a cell.

- 19. a minute cylindrical organelle near the nucleus in animal cells, occurring in pairs and involved in the development of spindle fibers in cell division.

- 20. organelle found in both animal cells and plant cells. An organelle is a sub-unit within a cell that has a specialized function.

Down

- 1. a network of tubular membranes within the cytoplasm of the cell, occurring either with a smooth surface or studded with ribosomes
- 4. Protects the Nucleus
- 6. unicellular organisms that lack organelles or other internal membrane-bound structures
- 7. An organelle found in large numbers in most cells, in which the biochemical processes of respiration and energy production occur.

- 8. 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.
- 9. a threadlike structure of nucleic acids and protein found in the nucleus of most living cells, carrying genetic information in the form of genes.
- 10. A plastid that contains chlorophyll and in which photosynthesis takes place.
- 11. The outermost layer of cells in plants, bacteria, fungi, and many algae that gives shape to the cell and protects it from infection.
- 12. It is made up of mostly water and salt. Cytoplasm is present within the cell membrane of all cell types and contains all organelles and cell parts.
- 14. the spreading of something more widely.