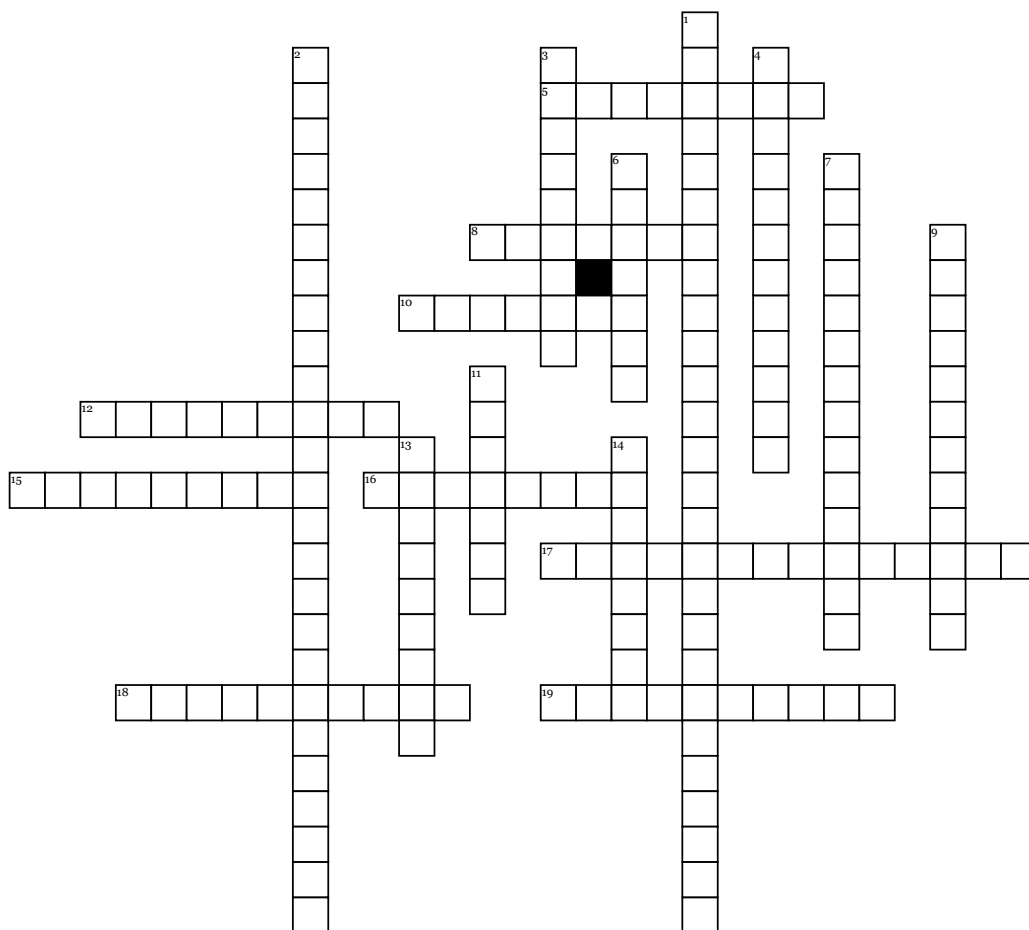


Cell Organelles



Across

- 5.** Equal concentration of solute
8. Moves molecules within the cell
10. Stores proteins and waste products
12. Located in the nucleus and contains the parts that make up ribosomes
15. Makes proteins
16. Helps destroy harmful bacteria in the cell
17. Processes and bundles macromolecules like proteins and lipids as they are synthesized within the cell
18. Higher concentration of solute

- 19.** One of the basic principles of Biology and has 3 basic components

Down

- 1.** Makes cellular products like hormones and lipids
2. Responsible for the assembly of many proteins
3. The net movement of the particles of a substance from where they are more concentrated to where they are less concentrated
4. Forms large quantities of energy into ATP
6. The control center of the cell

- 7.** Lets certain things in the cell that it needs

- 9.** Transports vesicles
11. The passive transport of water across a selectively permeable membrane
13. Lower concentration of solute
14. Only found in plant cells and consists of three layers

Word Bank

Isotonic
 lysosome
 ribosomes
 Vesicle
 Osmosis

Rough Endoplasmic Reticulum
 vacuole
 Smooth Endoplasmic reticulum
 cytoskeleton
 Cell wall

hypertonic
 hypotonic
 Diffusion
 nucleus
 Golgi apparatus

Mitochondria
 nucleolus
 plasma membrane
 cell theory