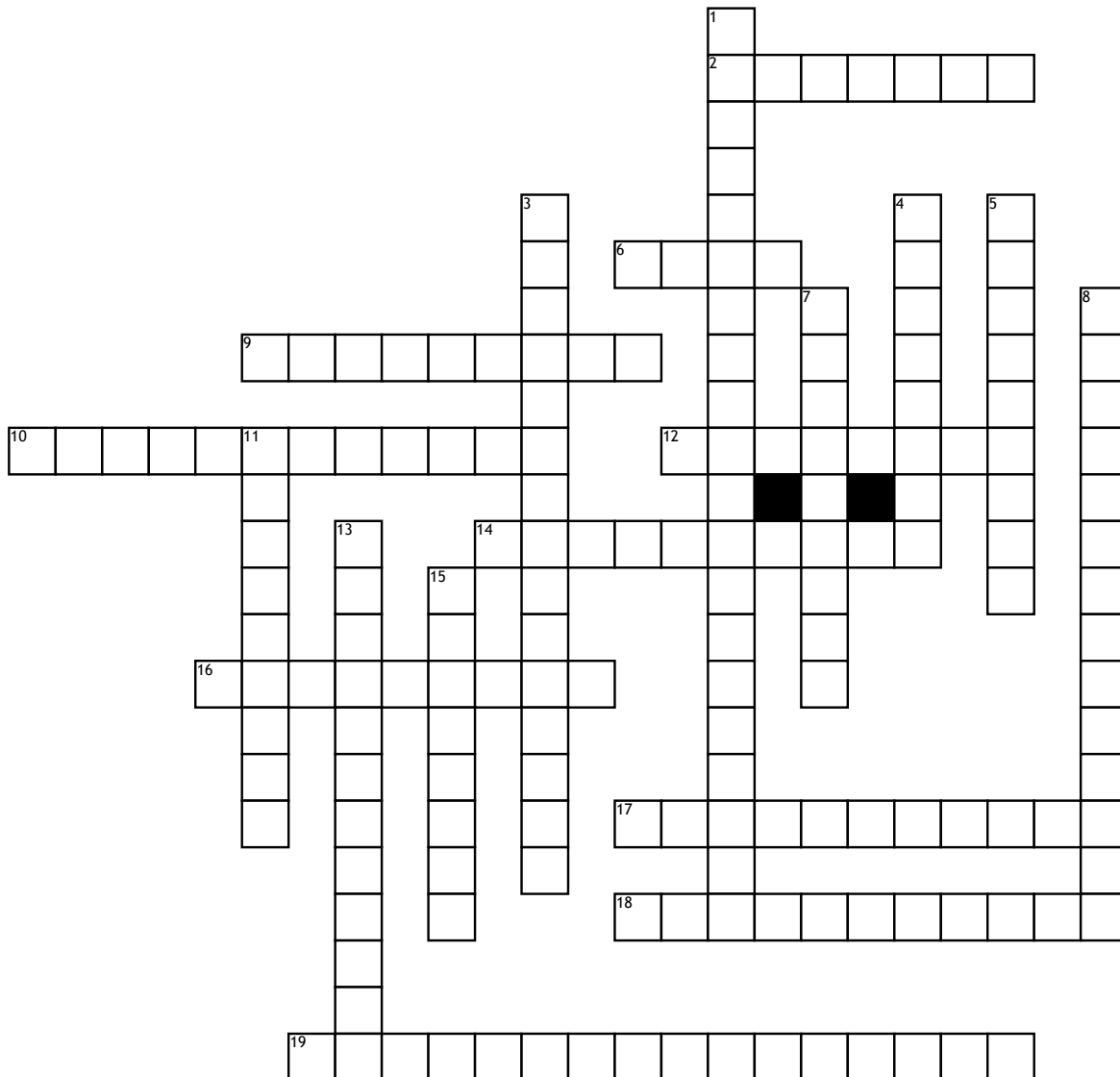


Cells and osmosis



Across

2. Controls the cell and stores the organisms chromosomes

6. Consist genetic material, cytoplasm, and organelles, all surrounded by a cell membrane

9. is the movement of something from an area of high concentration to a lower concentration

10. It surrounds the cell to protect it and allows some material to enter and leave the cell

12. Make the proteins that the cell needs

14. A distinct cell nucleus and their DNA is not organized into chromosomes

16. The jellylike substance in the cell that supports all of the other organelles

17. Gives that plant its green color and let's the plant make food through photosynthesis

18. A process by which molecules of a solvent tend to pass through a semipermeable membrane

19. the movement of chemical substance across a cell membrane without expenditure of energy by the cell, as in diffusion

Down

1. What does ER stand for

3. the assistance of a type of protein called a carrier protein of protein

4. A organelle in the cytoplasm of eukaryotic cell containing degradative enzymes enclosed in a membrane

5. A specific part of a cell having some specific function

7. Contain digestive enzymes that break down worn-out parts

8. An organelle of layers of flattened sacs that takes up and processes secretory

11. A cell with a nuclear membrane and organelles

13. "Powerhouses" of the cell because they give the cell its energy

15. Hard outer membrane that is used to give the cell extra protection