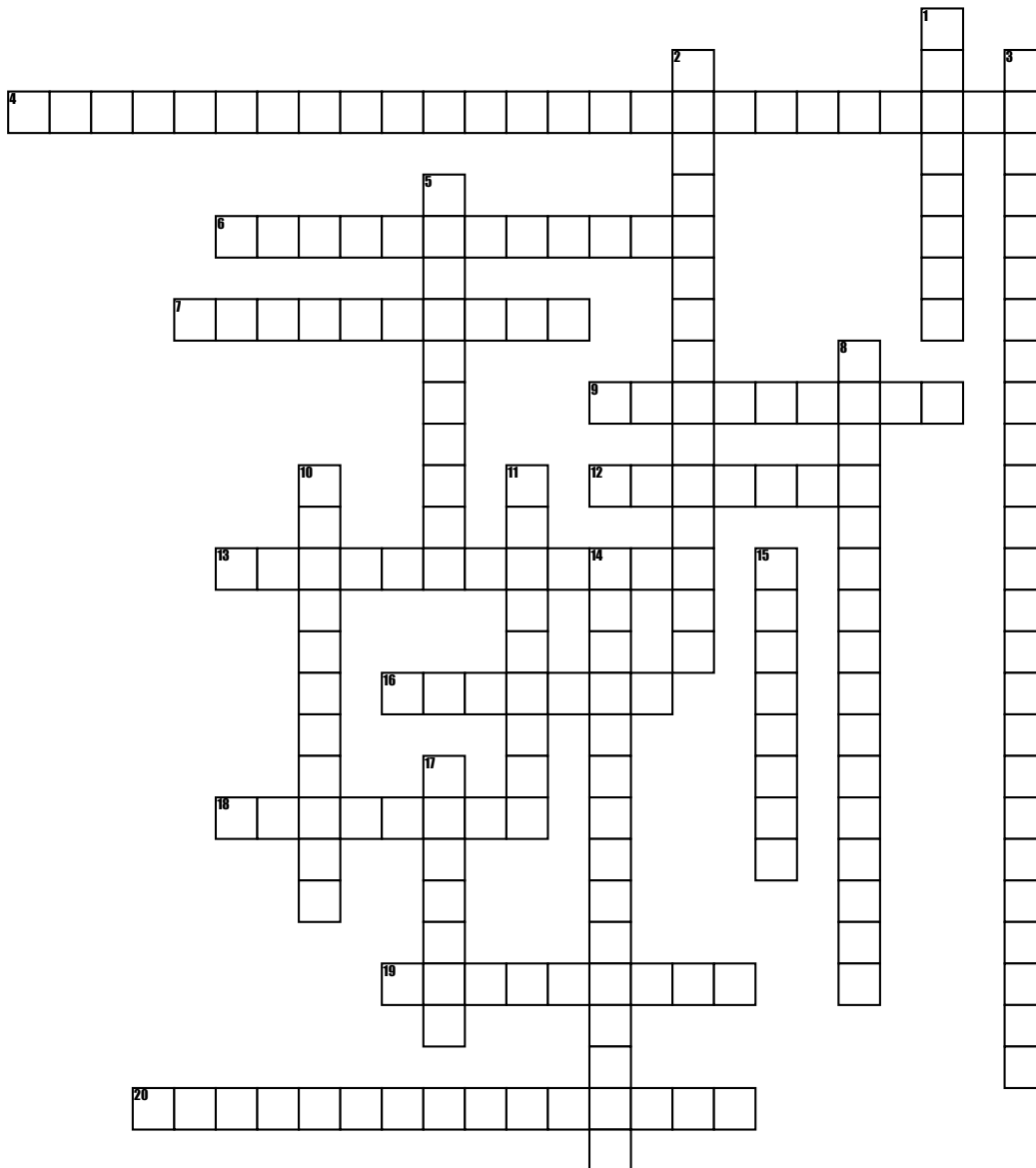


cells



Across

4. series of flattened sacs, has chromosomes attached to the sides and transports materials throughout the cell

6. releases energy from food. Powerhouse of the cell

7. Controls the spindle during cell division in animal cells.

9. jelly-like substance that surrounds the nucleus of a cell

12. controls the activities of the cell, acts like the Brain of the cell

13. Controls what goes in and out of the cell.

16. diffusion of water through a semi-permeable membrane

18. food storage area of the cell

19. movement of molecules from a crowded area to a less crowded area.

20. surrounds the nucleus and separates it from the other parts of the cell

Down

1. Strong, stiff, nonliving layer outside the cell membrane.

2. cells with no nucleus

3. tube-like network, does not have ribosomes attached to the sides.

5. series of genes- made up of DNA and are threadlike.

8. movement of a substance through the cell membrane without using energy.

10. site of food production in plant cells-contains chlorophyll.

11. new proteins formed here

14. Process where a cell uses energy to move molecules from a less crowded area to a more crowded area.

15. fluid filled sacs in the cell.

17. process of cell division