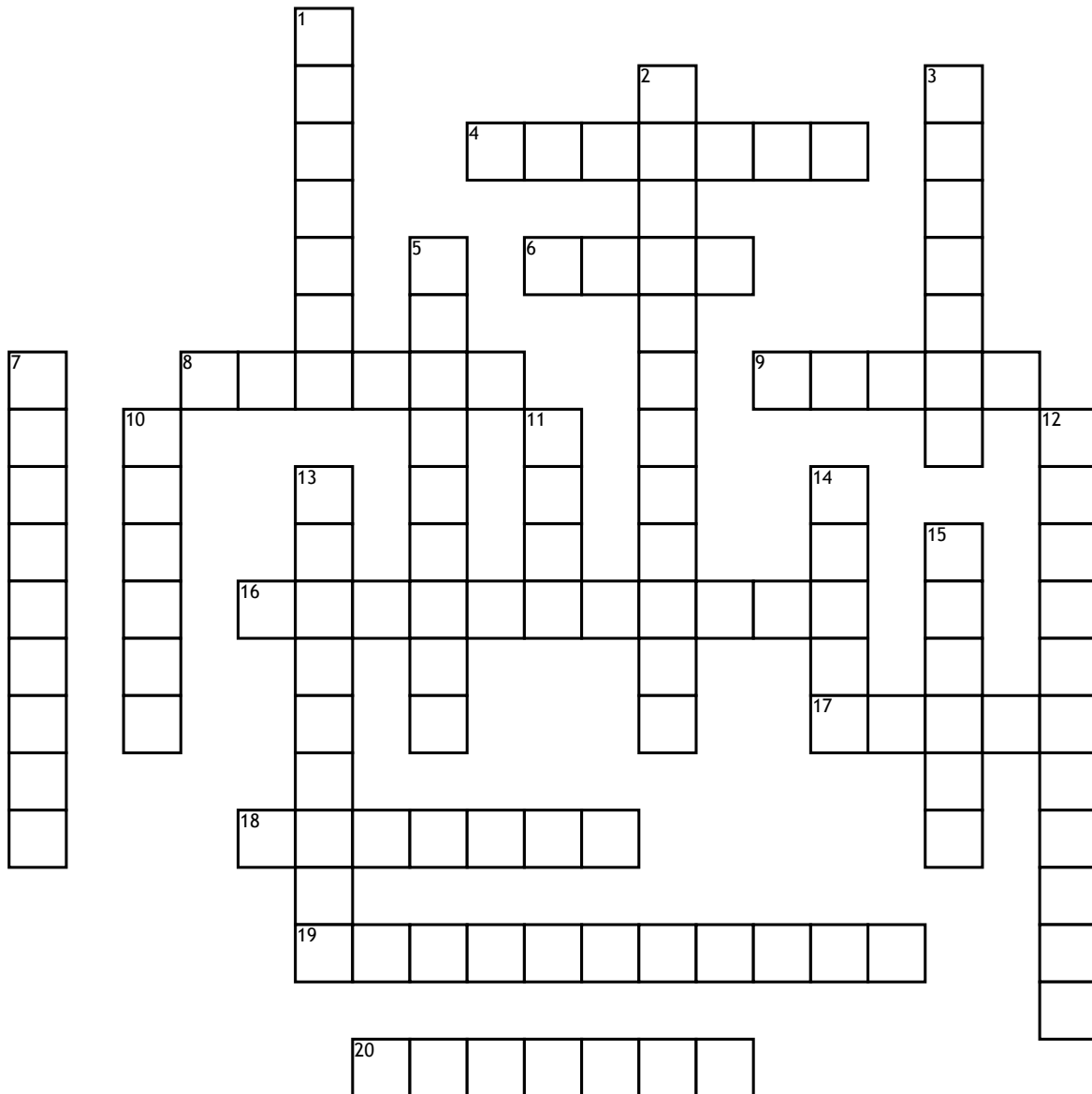


Diffusion and Osmosis



Across

- 4. Active transport goes the concentration gradient
- 6. Things that collect water and mineral nutrients by active transport are calledhair cells
- 8. The thing needed to allow active transport
- 9. What provides the small intestine with a large surface area?
- 16. In gaseous exchange, this gives a short diffusion pathway
- 17. molecules are used for energy

18. The variable is kept the same in an experiment

19. Can change the rate of diffusion

20. The process which only diffuses water

Down

- 1. The molecule which can't diffuse through a cell membrane
- 2. What releases energy during respiration in plants?
- 3. What give the lungs a large surface area?
- 5. What products are absorbed in the small intestine?

7. Molecules diffuse through a semi-..... membrane

10. Another word for a solution having a low concentration

11. A plant absorbs water from

12. Where does the energy come from during active transport?

13. When molecules move from a low concentration to a high concentration it is called active

14. Diffusion in is quicker because particles move faster

15. Carbon dioxide and are part of gaseous exchange in the lungs