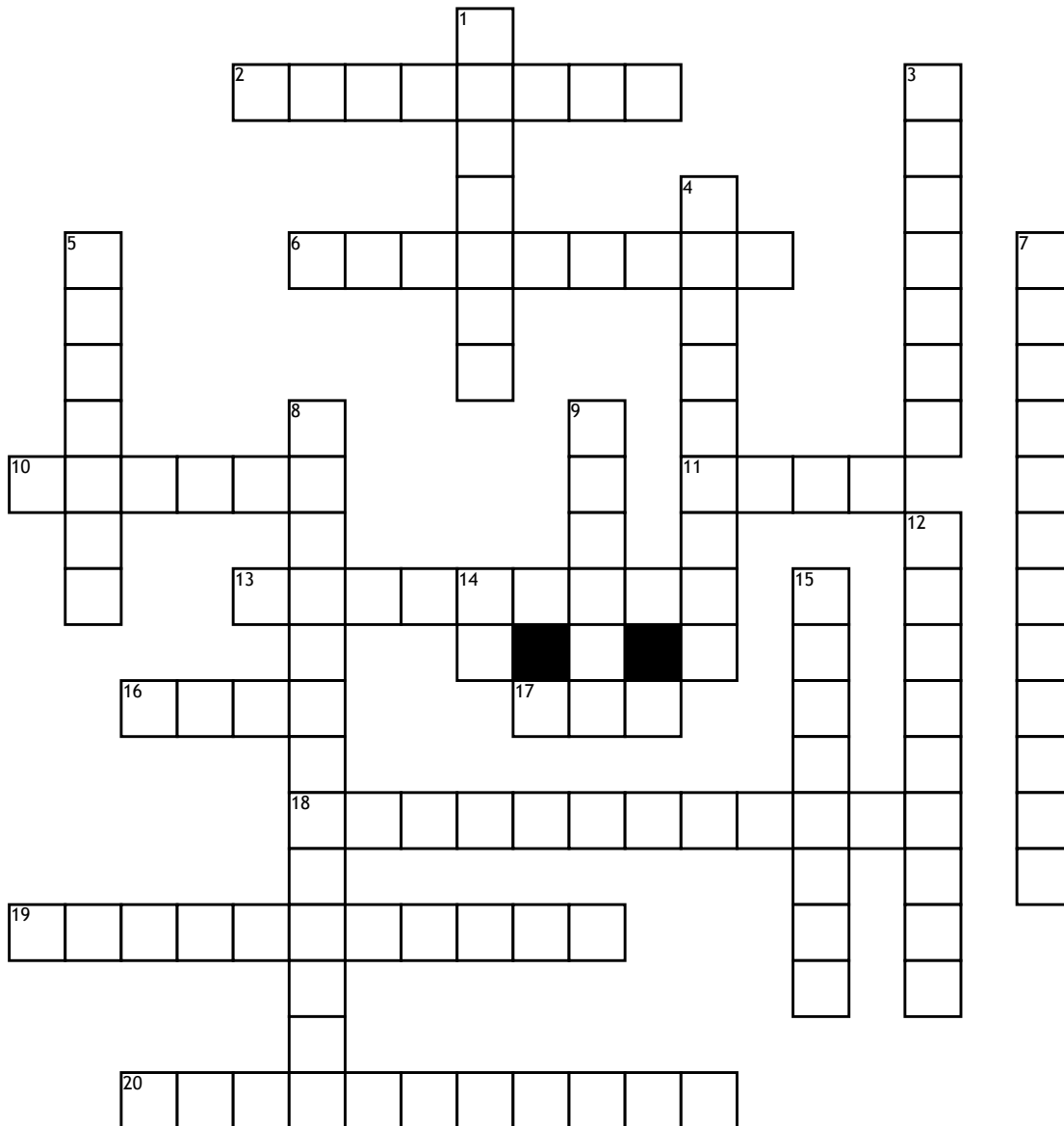


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Transport in cells



## Across

2. How do particles move during diffusion?
6. A lower temperature does what to the rate of diffusion?
10. What type of solution contains lots of water molecules?
11. The direction that particles travel over a concentration gradient in diffusion,
13. What is the process of particles spreading out from each other?
16. In osmosis the concentration on both sides of the membrane becomes what?
17. Another word for the overall movement of water.

18. Many of which sub cellular Structure is need for active transport?

19. The equation for change of mass in osmosis is final mass subtract what?

20. The variable that is controlled and changed in an experiment.

## Down

1. A variable that is kept the same and not changed.
3. What is the movement of water particles called?
4. The variable That you measure the outcome of in an experiment.
5. What type of transport does not require energy?

7. What type of solution contains few water molecules?

8. What type of membrane is needed for osmosis?

9. What type of transport requires energy?

12. A larger surface area does what to the rate of diffusion?

14. The direction that particles travel over a concentration gradient in active transport.

15. What do particles move across in diffusion?