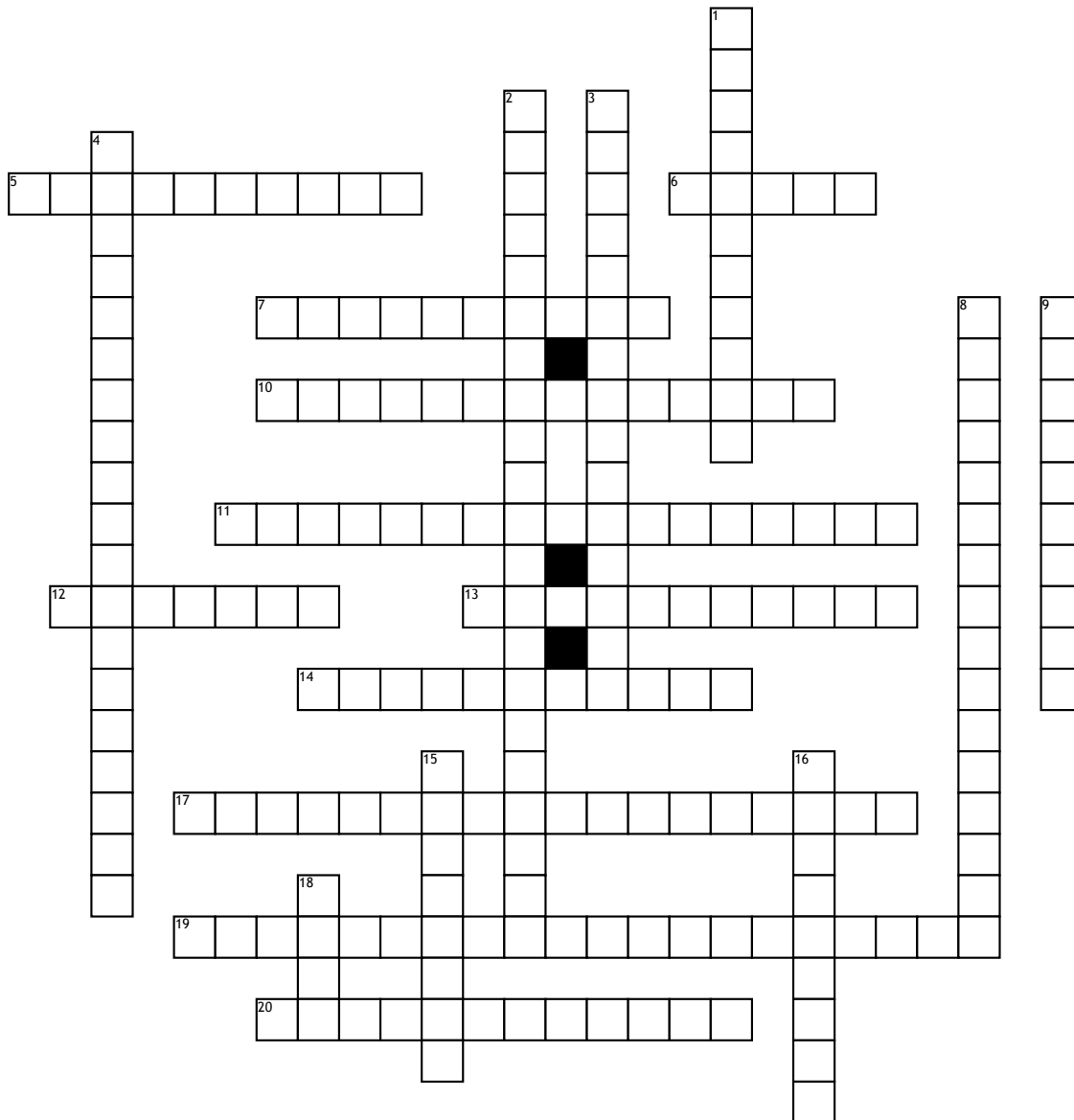


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Bio vocab



## Across

5. The process by which a substance is released from the cell through a vesicle that transports the substance to the cell surface and then fuses with the membrane to let the substance out.  
 6. Cell membranes are \_\_\_\_\_ the phospholipid bilayer is elastic and the lipid actively move around.  
 7. Is a transport protein with a polar pore through which ions can pass.  
 10. A protein that transports substances across a cell.  
 11. The solution with lower concentration  
 12. The diffusion of water or other solvent from a more dilute solution to a more concentrated solution through a membrane that is permeable to the solvent.

13. The process by which a cell membrane surrounds a particle and encloses the particle in a vesicle to bring the particle into the cell.

14. Rate of osmosis can be affected by changes in \_\_\_\_\_ and changes in concentration gradient.

17. Is a solution with a higher concentration of solute.

19. The transport of substances through a cell membrane along a concentration gradient with the aid of carrier proteins  
 20. The process by which organisms make more of their own kind is called what?

## Down

1. Biology's did since in general is \_\_\_\_\_!!!

2. A difference in the concentration of a substance across a distance.

3. The movement of chemical substances usually across the cell membrane against a concentration gradient requires cells to use energy.

4. A carrier protein that uses ATP to actively transport sodium ions out of a cell and potassium ions into the cell.

8. A solution whose solute concentration is equal to the solute concentration inside the cell.

9. A testable possible explanation of an observation is called?

15. A homogeneous mixture of two or more substances uniformly dispersed throughout a single phase.

16. The movement of particles from region of higher density to regions of lower density.

18. Biology is the study of \_\_\_\_\_.