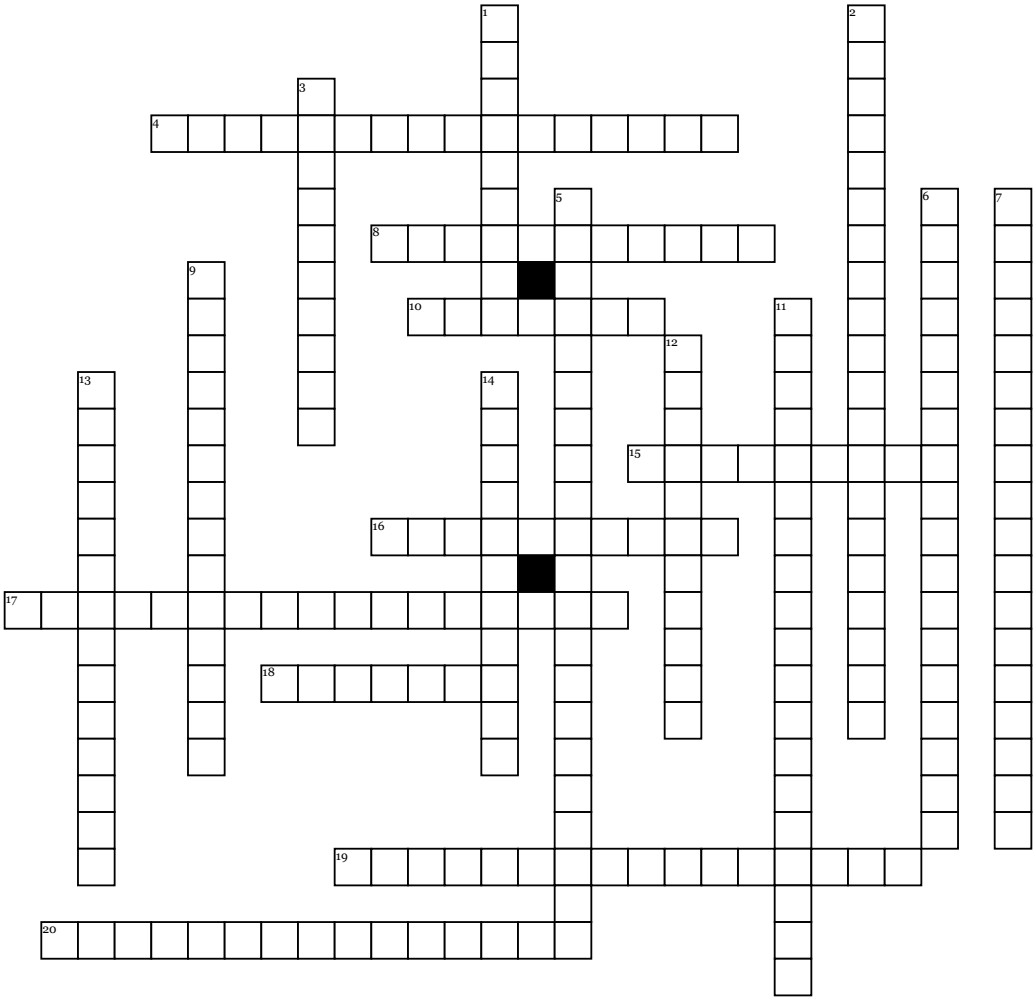
Name: _____ Date: _____ Period: _____

Bio 1 Words



Across

4. solution in which the concentrations of solute is equal and in and out of cell
8. shrinking of a cell due to osmosis
10. pouch that pinches off from the cell membrane and becomes a membrane-bound organelle
15. movement of a substance down the substances concentration gradient (high to low)
16. movement of a large substance by a vesicle to the outside of a cell
17. solution which causes a cell to swell because of water gain
18. diffusion of water through a membrane
19. does not require energy from the cell
20. movement of a substance against the substances concentration gradient (low to high)

Down

1. bursting of a cell due to osmosis
2. form of passive transport that involves the use of a carrier protein
3. transport protein through which ions can pass
5. difference in the concentration of molecules across a space
6. solution which causes a cell to shrink because of water loss
7. organelle that pumps water out of the cell
9. protein used to transport specific substances across the membrane
11. example of a cell membrane "pump"
12. concentration of molecules is equal throughout a space
13. pressure that water exerts against the cell walls of plant cells
14. movement of a large substance by a vesicle to the inside of a cell

Word Bank

cytolysis
endocytosis
hypotonic solution
hypertonic solution
exocytosis
sodium-potassium pump
equilibrium
carrier protein
facilitated diffusion
plasmolysis
ion channel
turgor pressure
vesicle
active transport
diffusion
contractile vacuole
concentration gradient
passive transport
isotonic solution
osmosis