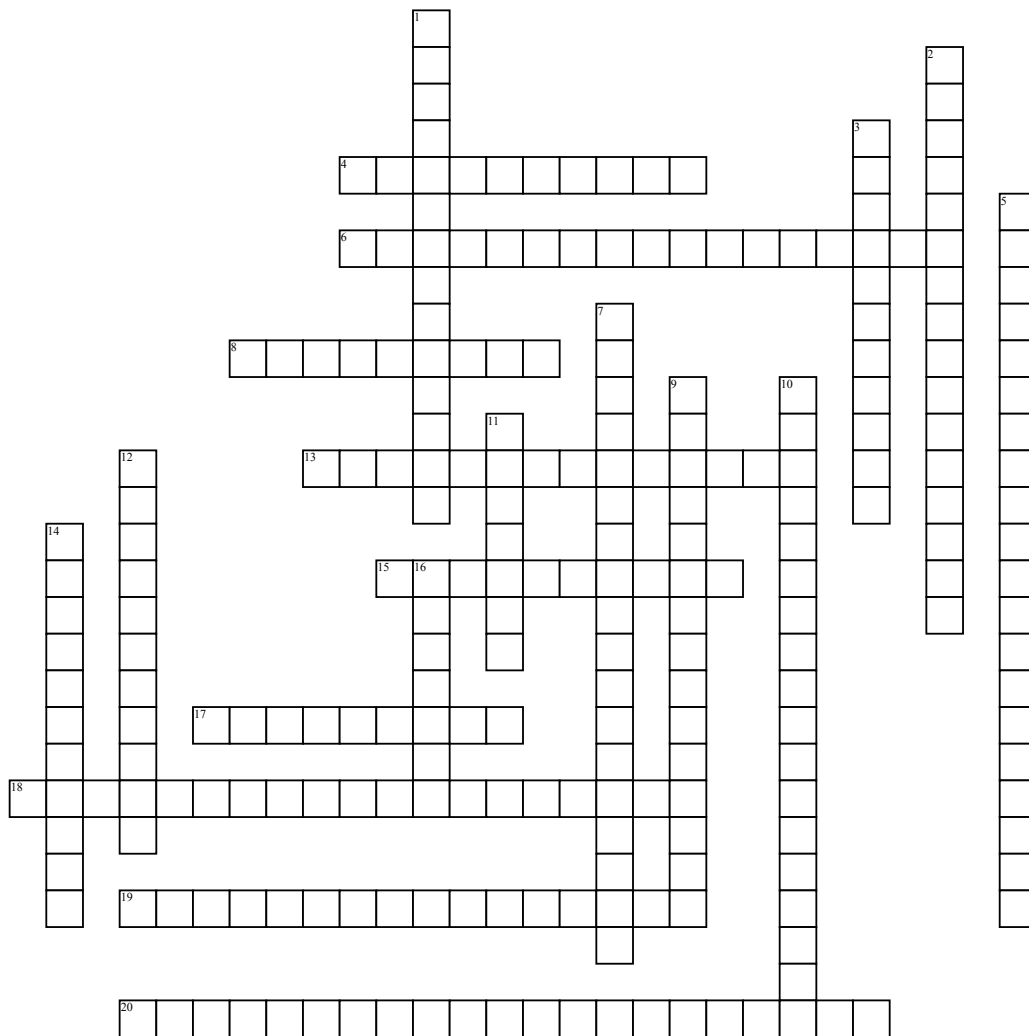


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Jazmin Ibarra crossword puzzle



## Across

4. Movement of a large substance by a vesicle to the outside of a cell  
 6. Solution which causes a cell to swell because of water gain  
 8. Movement of a substance down the substance's concentration gradient (high to low)  
 13. Protein used to transport specific substances across a membrane  
 15. Transport protein through which ions can pass  
 17. Bursting of a cell due to osmosis  
 18. Example of a cell membrane "pump"  
 19. Does not require energy from cell

20. Difference in the concentration of molecules across a space

## Down

1. Pressure that water exerts against the cell walls of plant cells  
 2. Solution in which the concentrations of solute is equal in and out of cell  
 3. Concentration of molecules is equal throughout a space  
 5. Form of passive transport that involves the use of a carrier protein  
 7. Solution which causes a cell to shrink because of water loss

9. Movement of a substance against the substance's concentration gradient (low to high)

10. Organelle that pumps water out of the cell  
 11. Pouch that pinches off from the cell membrane and becomes a membrane-bound organelle  
 12. Shrinking of a cell due osmosis  
 14. Movement of a large substance by a vesicle to the inside of a cell  
 16. Diffusion of water through a membrane

## Word Bank

Hypotonic Solution  
 Concentration Gradient  
 Endocytosis  
 Vesicle  
 Facilitated Diffusion

Hypertonic Solution  
 Turgor Pressure  
 Sodium- Potassium Pump  
 Carrier Protein  
 Ion Channel

Equilibrium  
 Exocytosis  
 Cytolysis  
 Contractile Vacuole  
 Active Transport

Isotonic Solution  
 Osmosis  
 Plasmolysis  
 Diffusion  
 Passive Transport