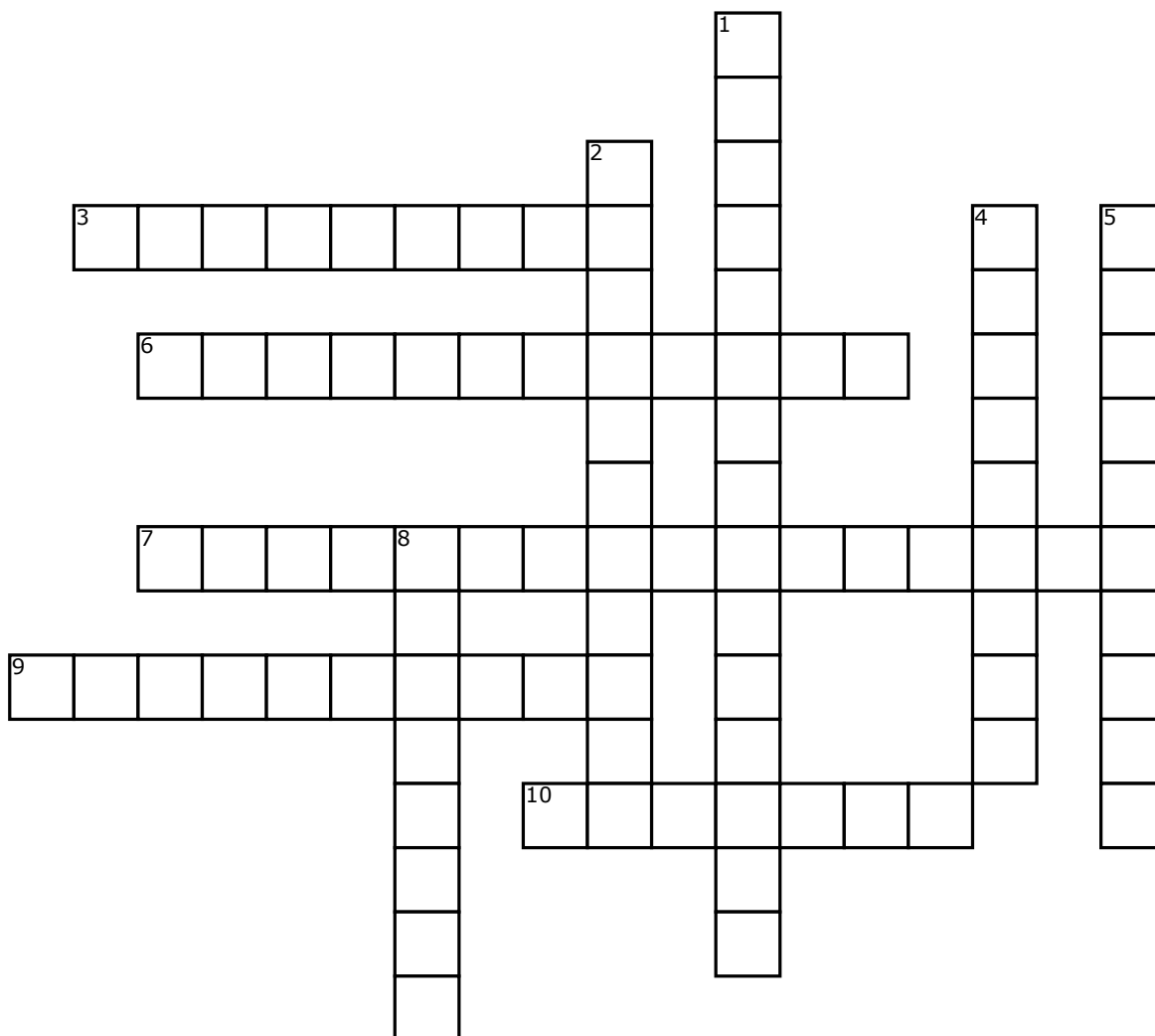


Name: \_\_\_\_\_

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

Period: \_\_\_\_\_

# Brian Pernell's CW Puzzle



## **Across**

- 3.** Movement of substances from an area of higher concentration to low concentration.  
**6.** Proteins attached to oligosaccharides.  
**7.** The movement of materials across a cell membrane that uses NO energy.  
**9.** Proteins in vesicle are released to the exterior of cell as membrane of the vesicle fuses with the plasma membrane. Highly polarized.  
**10.** Diffusion of water molecules only through a membrane.

## **Down**

- 1.** Moving things into and out of the cell using energy.  
**2.** Uptake of materials from the exterior of the cell. A segment of the plasma membrane folds inward.  
**4.** The solution has a lower solute concentration than the cell.  
**5.** The solution has a higher solute concentration than the cell so water moves out of the cell and into the solution causing the cell to plasmolyze.  
**8.** The concentration of solutes is equal inside and outside the cell so water moves across the membrane in both directions maintaining cell size.