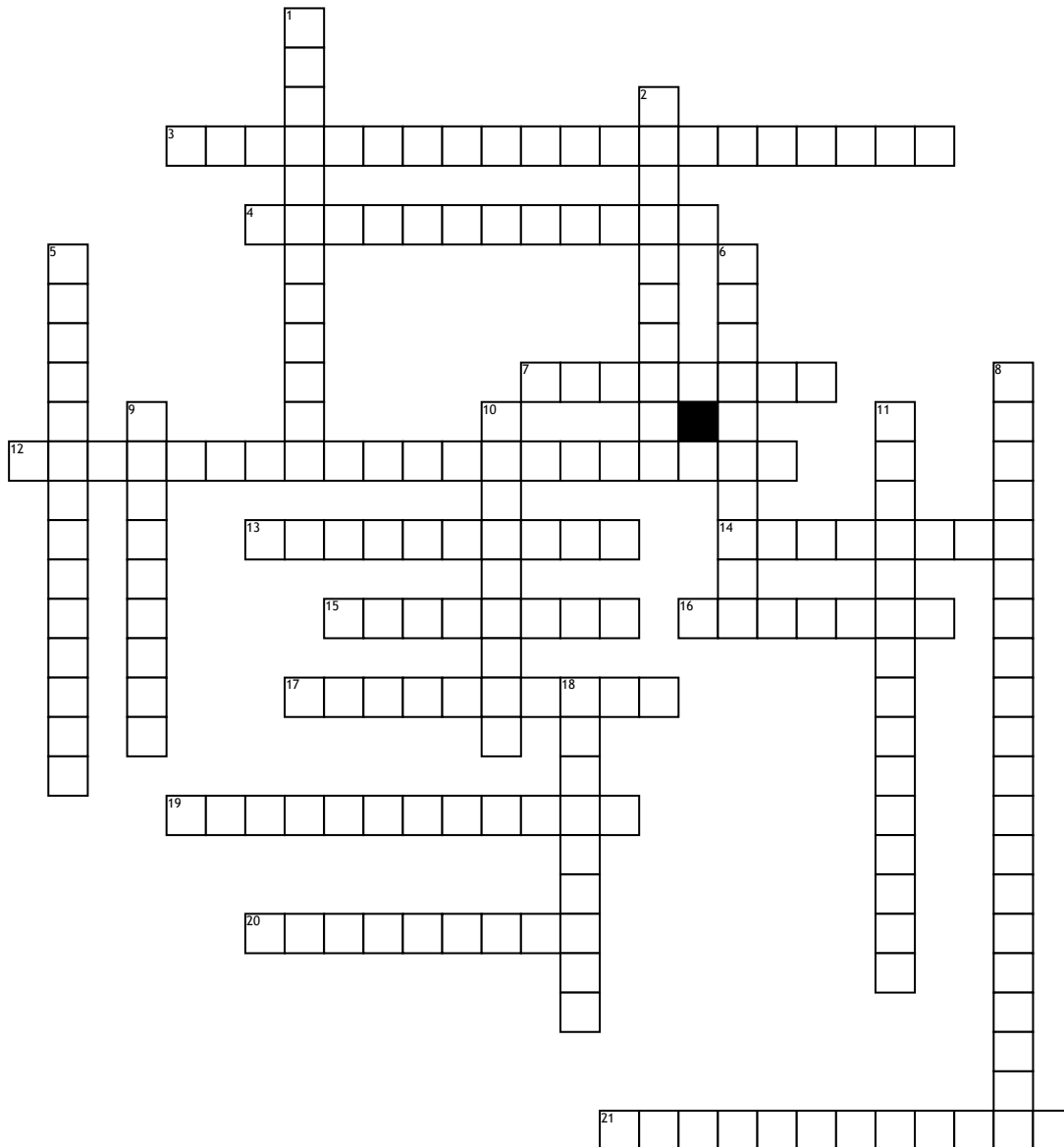


Name: _____

7.3



Across

- 3. Where lipid components of the cell membrane are assembled
- 4. Capture energy from the sun and convert it to food
- 7. The strong layer around the cell membrane
- 12. When molecules that can't directly diffuse across the membrane pass through special protein channels
- 13. When the concentrations of water and sugar are different on the sides of the membrane
- 14. When the concentrations of water and sugar is the same on both sides of the membrane

- 15. Store materials like water, salts, proteins, and carbohydrates
 - 16. The diffusion of water through a selectively permeable membrane
 - 17. Specialized organs in a cell (also known as "little organs")
 - 19. Supports and gives shapes to cells
 - 20. The portion of the cell outside the nucleus
 - 21. Give cell membrane a flexible structure
- ## Down
- 1. Convert the chemical energy in foods into compounds more convenient for cells

- 2. Help organize cell division
- 5. The "postal office" of cells
- 6. What allow water to pass right through them
- 8. When some substances can pass through things and others can't
- 9. When particles move from an area of high concentration to an area of low concentration
- 10. Particles of RNA found throughout the cytoplasm
- 11. Causes an animal cell in a hypertonic solution to shrink
- 18. Break down lipids, carbohydrates, and proteins