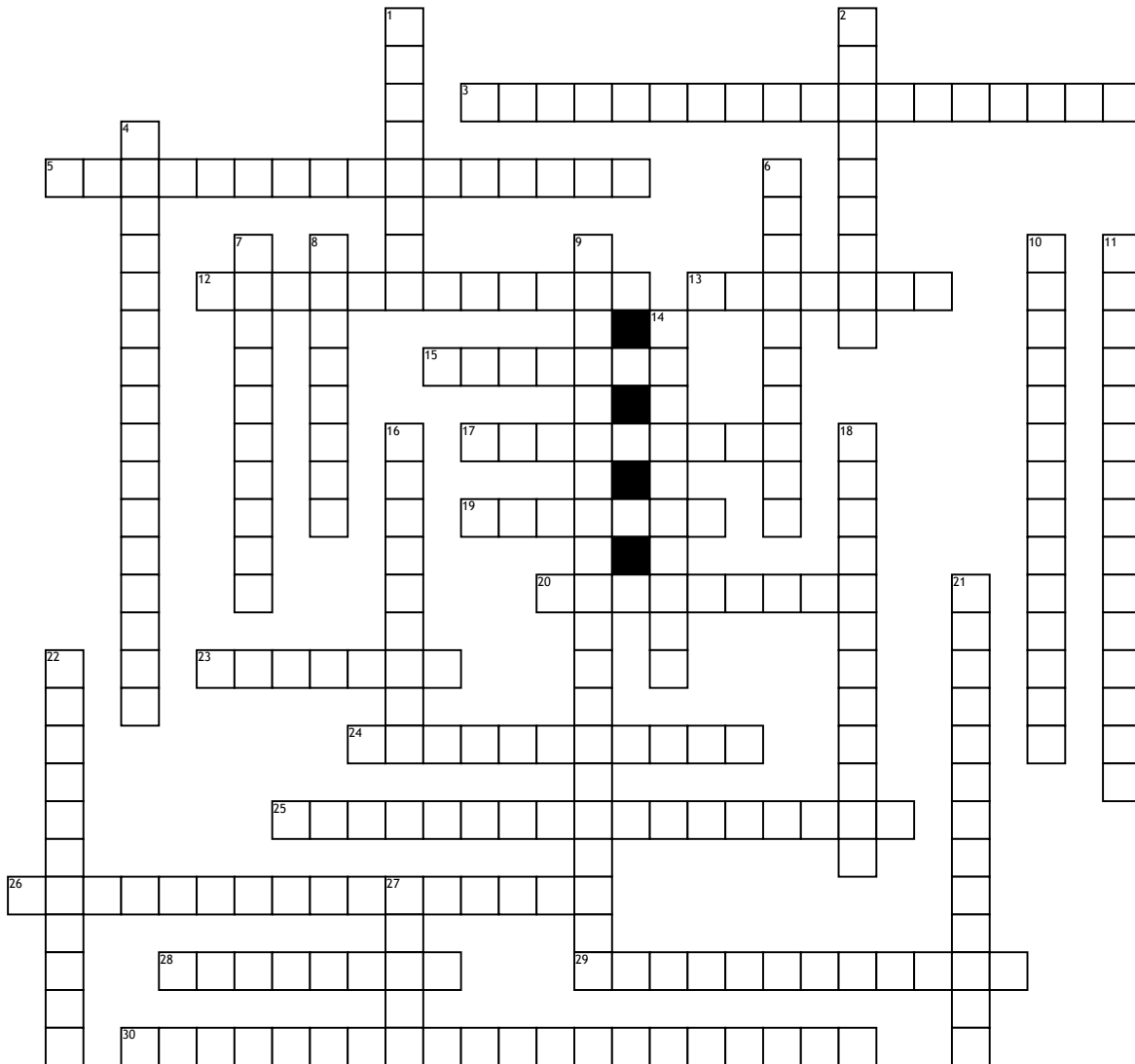


Name: _____

Date: _____

Unit 2- Cellular Structure & Function



Across

3. High strength solution, cell shrinks.
 5. Moving materials with NO energy.
 12. Controls what enters and leaves the cell.
 13. DNA located. Center of a cell.
 15. Storage sac.
 17. An area in the nucleus that makes ribosomes.
 19. Storage for photosynthesis materials. Found in plant cells.
 20. Tiny parts that read the instructions given by DNA to assemble proteins.
 23. Diffusion of water.
 24. Cell membrane "moves" and encloses particle.
 25. Low strength solution, cell enlarges.

26. Diagram representing cell membrane.

28. Thick, rigid border found in plant cells. Made of cellulose.
 29. Provides cells energy.
 30. Diffuse materials that cannot pass thru the membrane.

Down

1. Many substances can easily pass thru the membrane.
 2. Sac of enzymes which break down waste. Found in animal cells.
 4. Same concentration.
 6. Vacuole fuses with membrane and contents are expelled.
 7. All living things are made of cells.
 8. Tail-like.
 9. Membrane system, helps make proteins.

10. Modifies, fixes, and packages the protein.

11. Moving particles WITH energy.
 14. Get rid of toxins. Found in animal cells.
 16. Process of particles moving from an area of high concentration to an area of low concentration.
 18. Supports and maintains shape for the cell.
 21. Amount of solute in a solution.
 22. Site of photosynthesis. Found in plant cells.
 27. Hair-like projections.