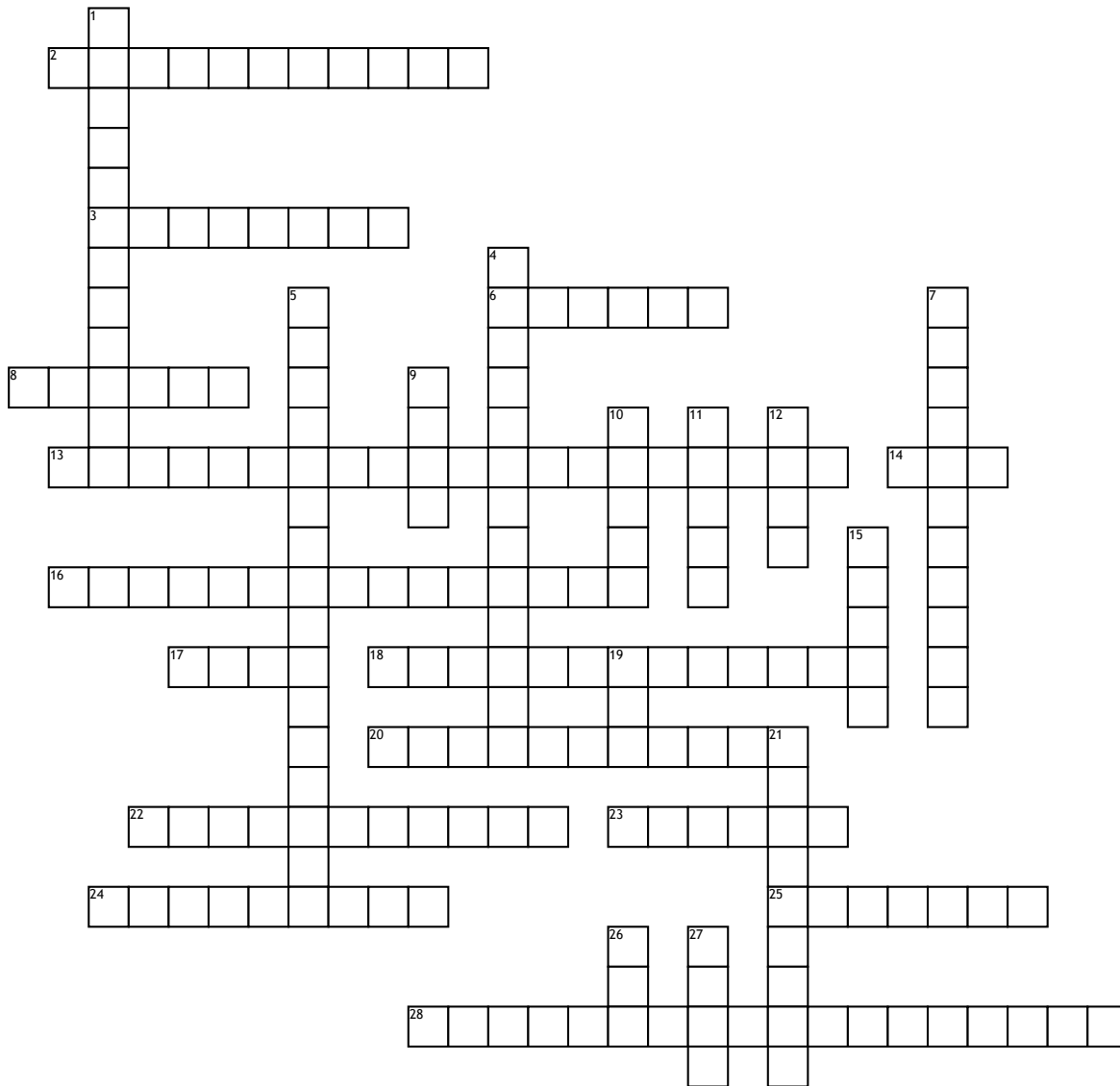


Biology Review #2



Across

2. What is the sugar in DNA?
 3. Expensive and you need special training to use these types of microscopes
 6. The _____ motion of atoms is what causes the movement of substances.
 8. What takes the place of Thymine in mRNA?
 13. What does DNA stand for?
 14. Use the course adjustment knob to focus on _____ power.
 16. Cells use energy to move substances in and out of the cell
 17. What bring amino acids to mRNA strands?
 18. Cell membranes are _____
 20. What's the second step of protein synthesis?

22. Means that it will not mix well with water
 23. What is the sugar in RNA?
 24. To calculate total microscope magnification, multiply the eyepiece magnification by the _____ magnification.
 25. What is a chain of amino acids?
 28. A solution that has a higher solute concentration and lower water concentration.

Down

1. The _____
 controls what molecules move in and out of the cell.
 4. What's the first step of protein synthesis?
 5. Materials move from high to low without energy.
 7. Means it will mix well with water

9. What does transfer ribonucleic acid stand for?
 10. With which microscope can you observe both living and dead things?
 11. Large protein molecules extend through the layers of the cell membrane to act as _____.
 12. Use the _____ adjustment knob to focus on medium and high power.
 15. When handling slides only touch the _____ to reduce fingerprints.
 19. What does ribonucleic acid stand for?
 21. What holds the objectives and can be turned to change from one objective to another?
 26. Materials need to be moved in and _____ of cells.
 27. What does messenger ribonucleic acid stand for?