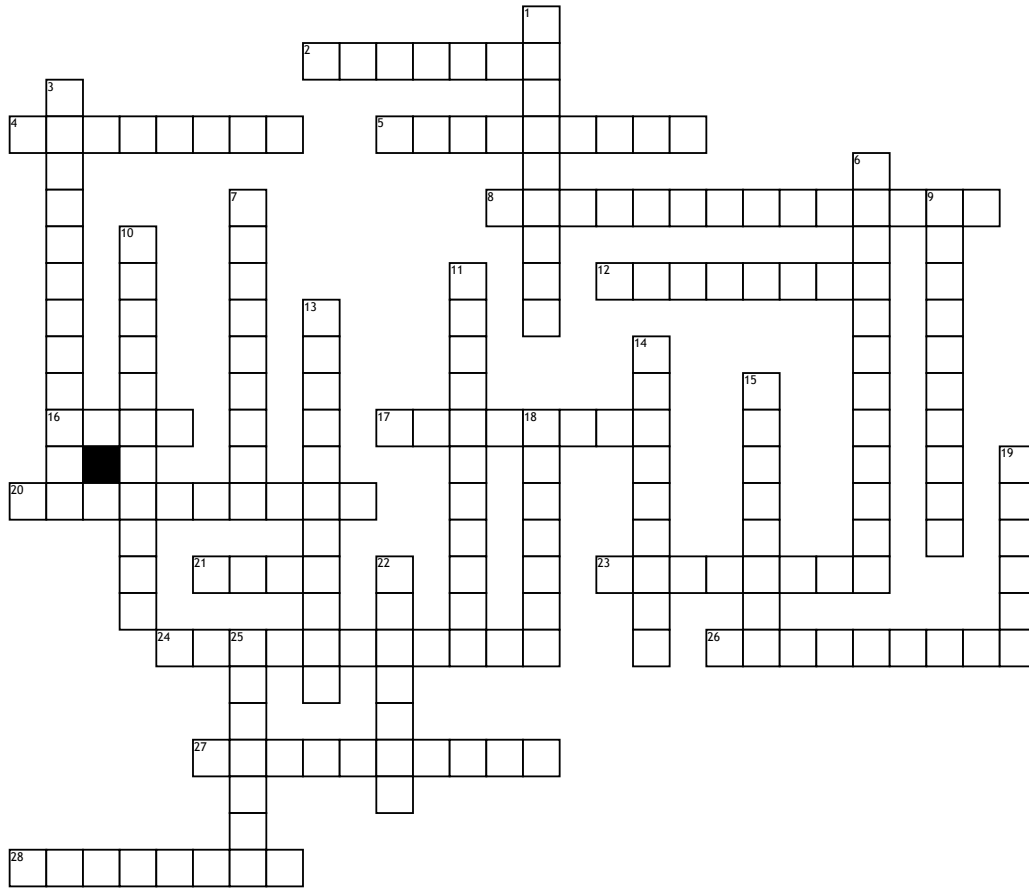


4th nine week exam



Across

2. C₆H₁₂O₆
 4. The wall around a plant cell. Only in plant cells
 5. What we see from the letters; Physical appearance
 8. The process used by plants to make food energy from the sun
 12. The letters such as XX or Yy
 16. The smallest unique part of each element
 17. Always beats recessive and always UPPERCASE
 20. 1. All organisms are composed of one or more cells. 2. Cells are the basic unit of life. 3. All cells come from preexisting cells.
 21. Prophase, Metaphase, Anaphase, Telophase

23. These are magical

24. Everything is perfect in a cell/organism to live/function and reproduce
 26. Always loses to dominant and always lowercase
 27. Same
 28. The chromosomes are getting thicker ready to split. Nucleus still there
Down
 1. The cell forms two new nuclei. 46 on each side
 3. The thin flexible wall around an animal cell
 6. Different
 7. Parts of a cell
 9. 90% of a cells life is its cell function (doing its job, growth and DNA replication).

10. Plant only. Performs photosynthesis. Green!

11. A way to organize DNA
 13. The transfer of energy into and out of an animal
 14. The chromosomes line up in the middle. Nucleus is gone
 15. the split chromosomes are pulled away from each other by spindles
 18. Controls the functions of the cell. Like a brain. DNA stored here
 19. A single trait
 22. When a body cell makes a copy of itself (Asexual cell division)
 25. Sexual reproduction (it takes two)

Word Bank

| | | | | | |
|-------------|--------------|-------------|------------|---------------|----------------|
| Nucleus | Homozigous | Prophase | Glucose | Homeostasis | Mitosis |
| Telophase | Allele | Band-Aids | Interphase | Cell Membrane | Photosynthesis |
| Respiration | Cell Theory | Dominant | Anaphase | Organelle | Recessive |
| Metaphase | Atom | Phenotype | Meiosis | Cell Wall | Chloroplast |
| Genotype | Heterozygous | Chromosomes | PMAT | | |