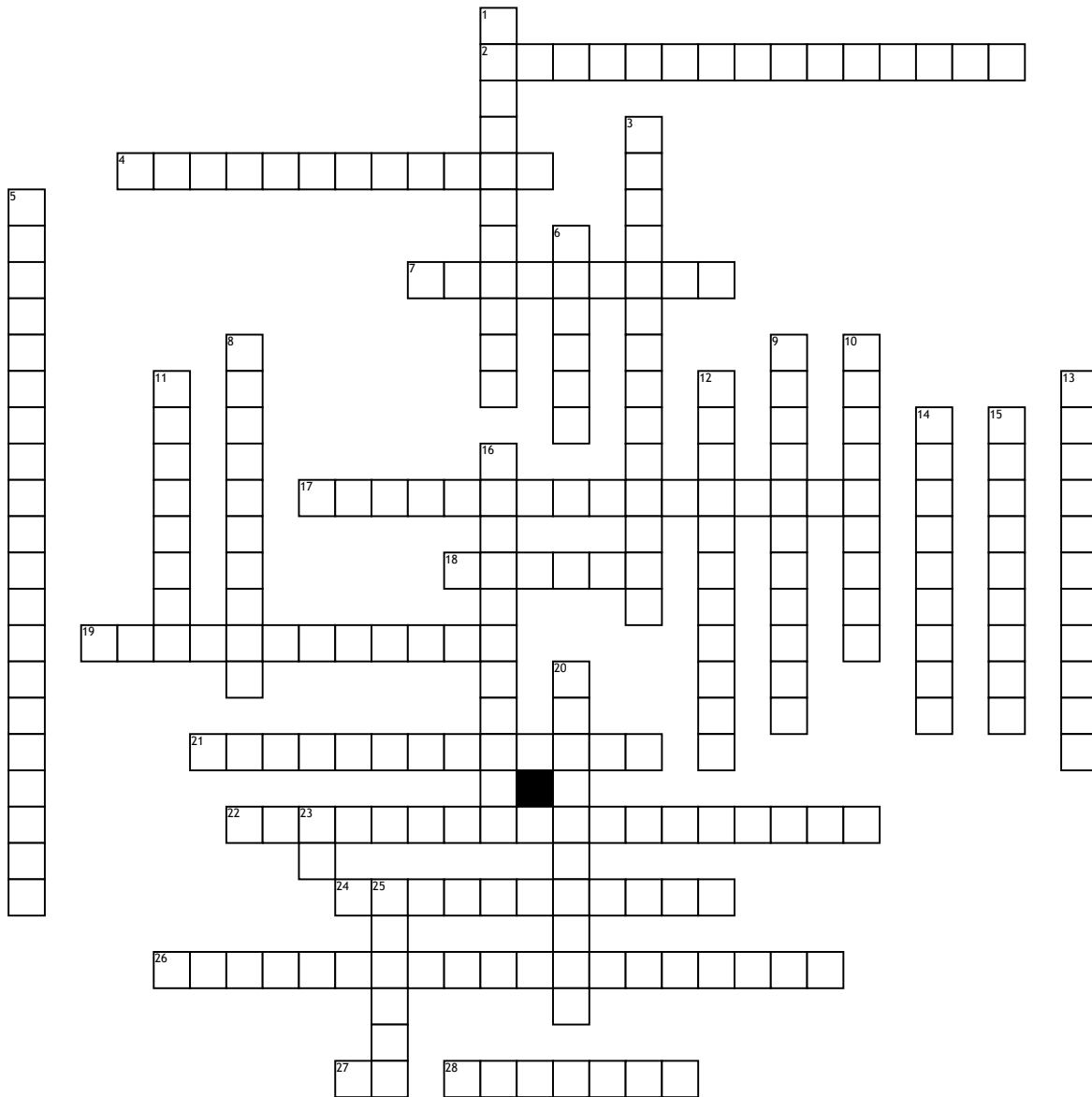


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Biology Review #2



## Across

2. Chromosomes that work in pairs are called \_\_\_\_\_  
4. \_\_\_\_\_ is a result of an extra chromosome  
7. A \_\_\_\_\_ is self-sustaining  
17. Disrupts the process of cell division  
18. Uncontrolled cell division resulting in a tumor  
19. Involves drugs that disrupt cell division  
21. Joining of sperm and egg  
22. Meiosis used for \_\_\_\_\_  
24. Abnormal mass of otherwise normal cells  
26. Creates new body cells for growth, repair, and replacement  
27. Male chromosomes are \_\_\_\_

28. Meiosis creates special reproductive cells called \_\_\_\_\_

## Down

1. Strand of DNA wrapped around histone proteins  
3. Physical and chemical factors (non-living) which affect the ability of organisms to survive & reproduce  
5. Theory that species have long periods of stability interrupted by interrupted by period of change  
6. Cell that forms from fertilization  
8. Leaving a population or community  
9. Divides by fission, NOT mitosis  
10. A \_\_\_\_\_ is self-sustaining  
11. Sister chromatids are pulled apart and chromosomes move away from the center towards opposite poles

12. Chromosomes duplicated as in mitosis before mitosis  
13. Cytoplasm divides and creates 4 cells in meiosis  
14. Natural selection acts on  
15. Animals call pinch to form two cells, but plant cells form a \_\_\_\_\_ and new cell walls to separate the cells  
16. Occurs when the population remains relatively constant over a number of years  
20. Leaving a population is \_\_\_\_\_  
23. Females chromosomes are \_\_\_\_  
25. Self-sustaining ecosystem needs a constant supply of this \_\_\_\_\_ because once it's used it can not be recycled