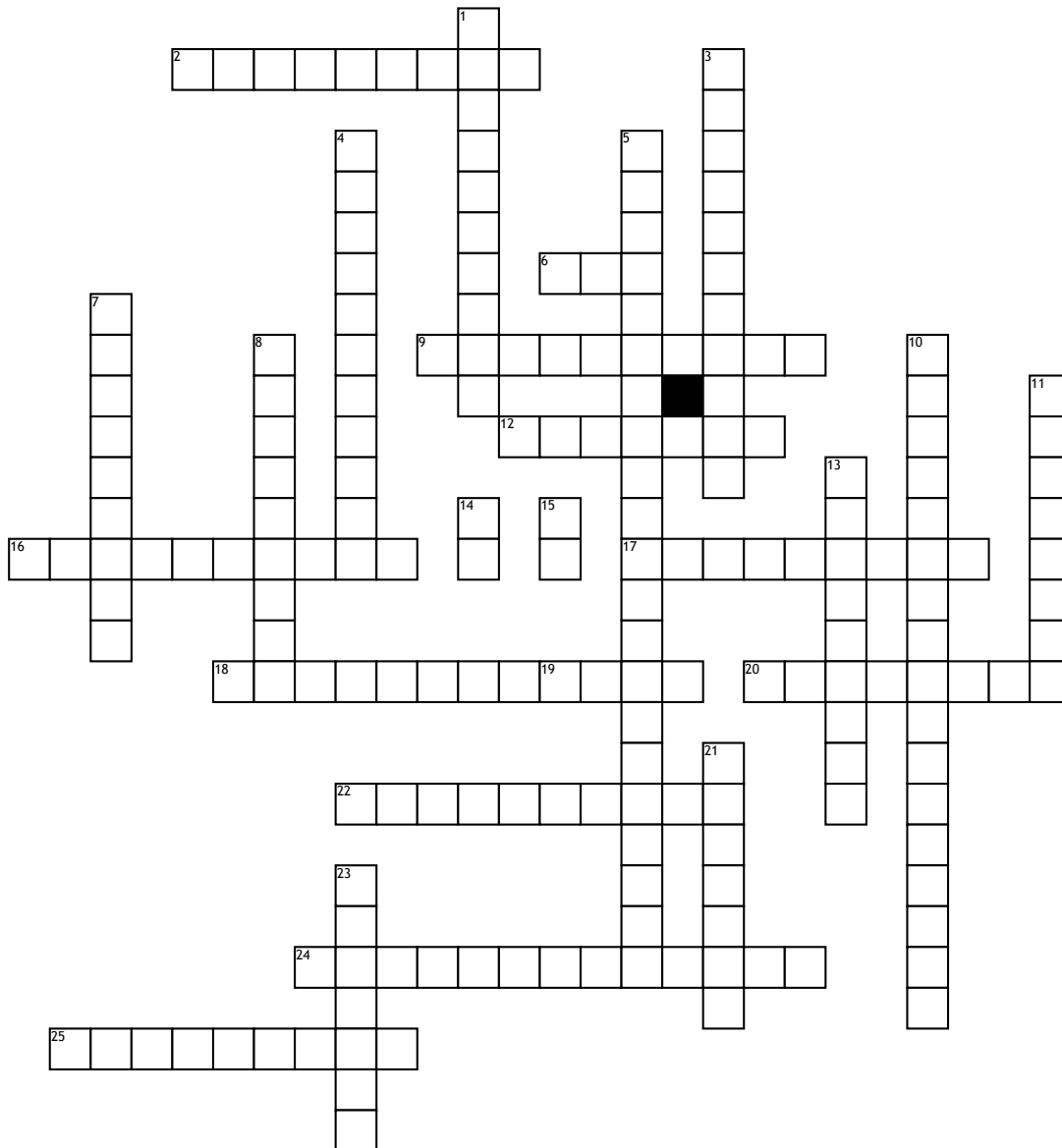


Name: _____

Cellular Reproduction



Across

2. First stage of Meiosis I
6. number of diploid cells mitosis results in
9. structure that holds two chromatids together until they separate during cell division
12. Cell division in eukaryotes—for growth, repair, asexual reproduction
16. the time between cell divisions; made up of G1, S, G2
17. less tightly coiled DNA-protein complex; chromatin is present in between cell divisions
18. Cells produce offspring cells by the process of

20. Third stage of mitosis
22. Second stage of meiosis I
24. Cell Division in Prokaryote cells
25. Second stage of mitosis

Down

1. Final stage of meiosis I
3. division of the actual cell; including the cytoplasm and remaining organelles
4. rod shaped structures made of DNA and proteins
5. two chromosomes that have the same gene sequence as each other
7. one strand that makes up a chromosome
8. Final stage of mitosis

10. mitosis is checked and cell exits mitosis
11. First stage of mitosis
13. Third stage of Meiosis I
14. growth 2/gap 2 phase; rapid cell growth and protein building in preparation for mitosis
15. growth 1/gap 1 phase; the cell is growing in size
19. synthesis phase; DNA is copied or duplicated
21. the division of the nucleus (this can also be meiosis too!)
23. Cell Division in eukaryotes—to form gametes or reproductive cells