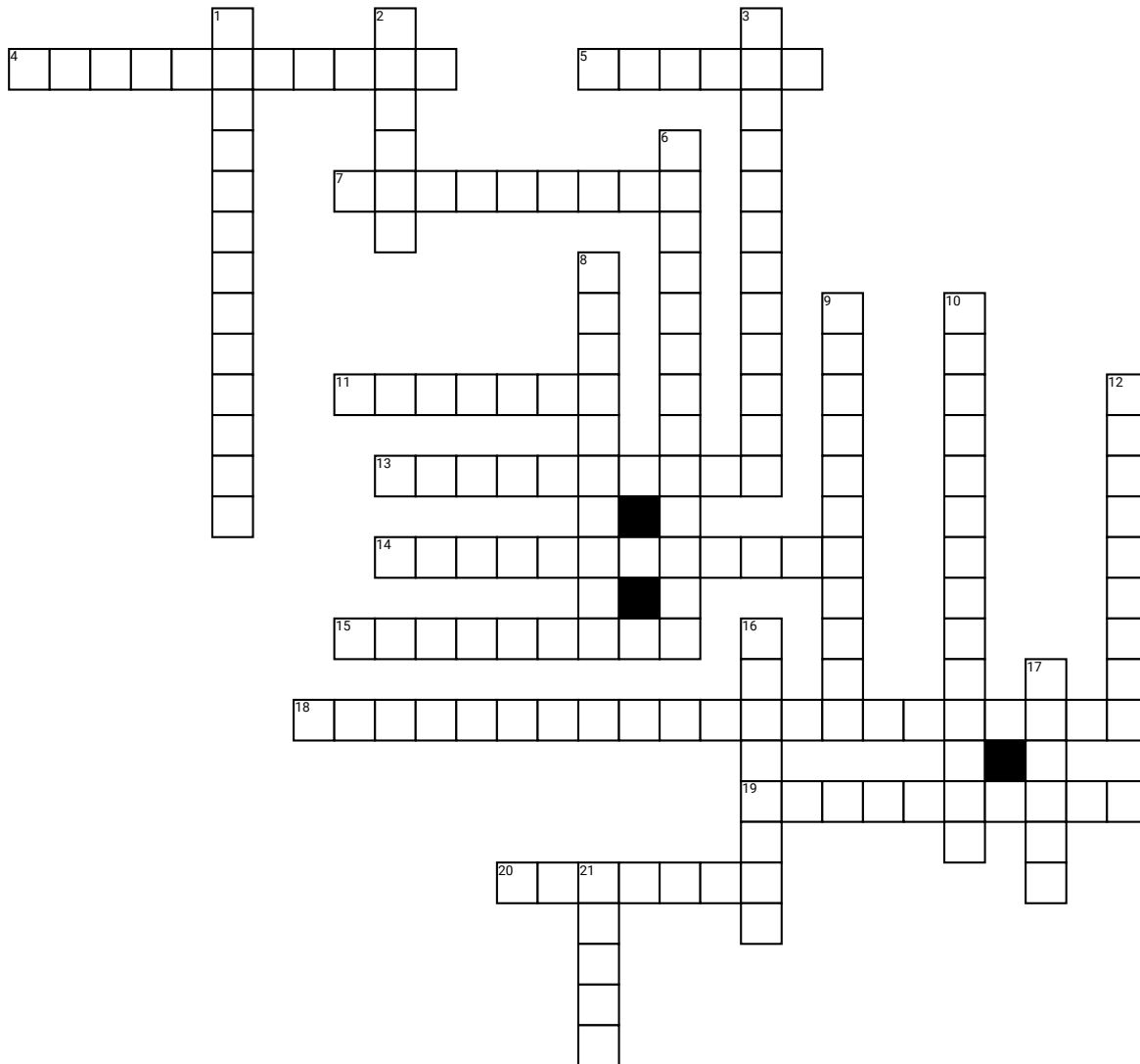


# BIO 1210 Lecture 10



## Across

4. Division of cytoplasm  
 5. Cell division in sexually reproducing organisms  
 7. In cytokinesis in plant cells, the \_\_\_\_\_ prevents a formation of a cleavage furrow  
 11. Every cell except for reproductive cells are called  
 13. Phase when cells are not dividing  
 14. What do we call the reproduction of cells?  
 15. The complex of DNA and proteins that makes up eukaryotic chromosomes

18. Random distribution of homologous chromosomes pairs during meiosis  
 19. Chromosomes that have the same length and genes for the same characteristics  
 20. Division of genetic material of the nucleus  
**Down**  
 1. Method of asexual reproductions when cells double in size then divides  
 2. During division, the two copies of duplicated chromosomes are called \_\_\_\_\_ chromatids.  
 3. The shortest phase of the cell cycle

6. Fusion of gametes  
 8. To control the cell cycle, a \_\_\_\_\_ is there to signal the cells to stop and go  
 9. Last phase of meiosis  
 10. Cancer cells that divide indefinitely are undergoing...  
 12. Not a benign tumor, but a \_\_\_\_\_ tumor  
 16. The phases of mitosis include prophase, prometaphase, metaphase, \_\_\_\_\_, and telophase.  
 17. A cell's genetic material  
 21. Interphase comes in \_\_\_\_\_ phases