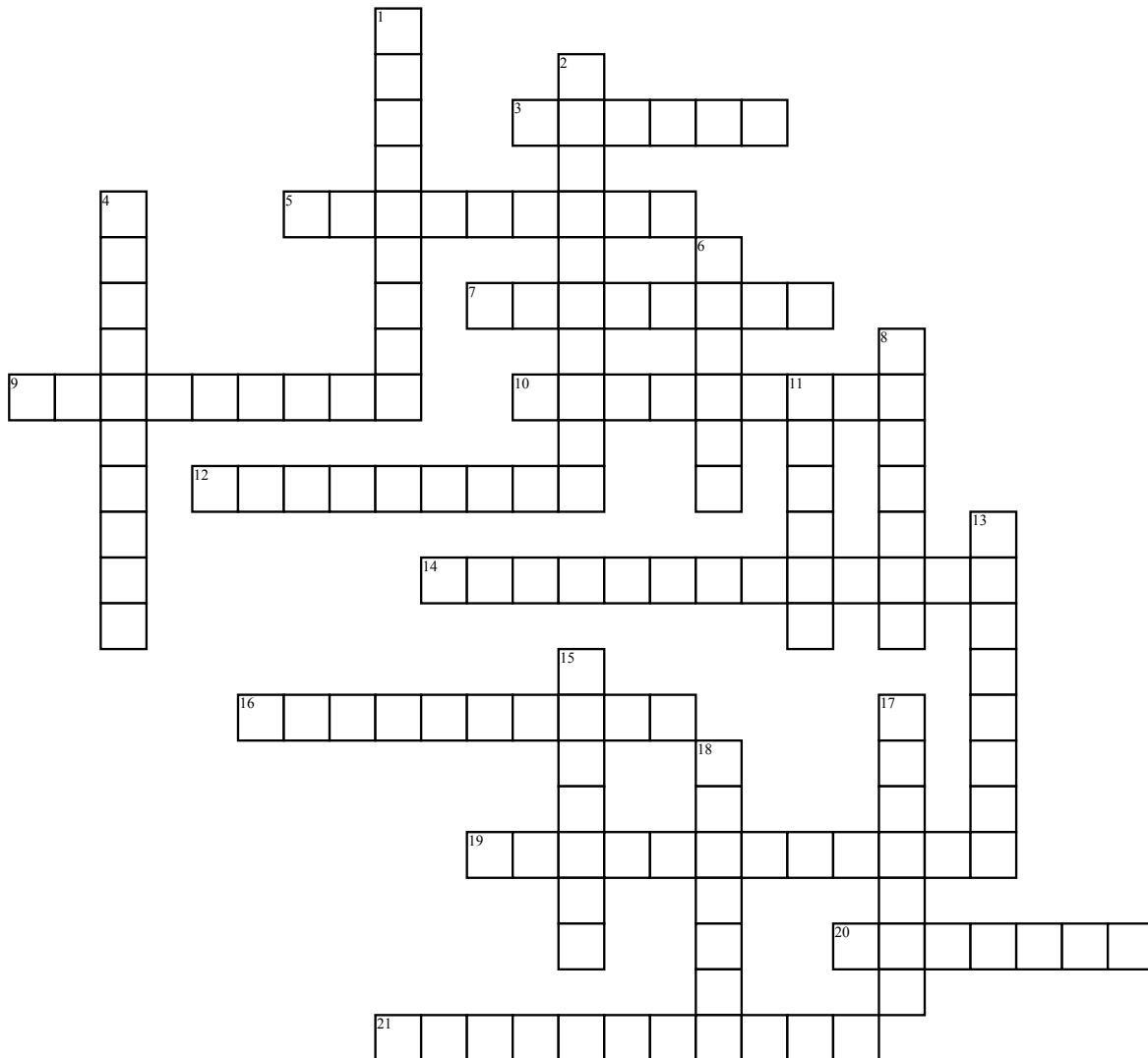


UNIT 4 VOCABULARY



Across

- 3. Structure that contains 4 chromatids
- 5. One of two identical "sister" parts of a duplicated chromosome
- 7. First and longest step of mitosis
- 9. Final phase of mitosis
- 10. Series of events that cells go through as they grow and divide
- 12. Second phase of mitosis
- 14. Process by which a cell divides into the daughter cells
- 16. Period of the cell cycle between cell divisions

- 19. Homologous chromosomes exchange portions of their chromatids

- 20. Contains both sets of chromosomes
- 21. Division of the cytoplasm

Down

- 1. One of two tiny structure located in the cytoplasm
- 2. Area where the chromatids of a chromosome are attached
- 4. Chromosomes that have a corresponding chromosome from the opposite-sex parent

- 6. Disorder when cells lose the ability to control growth

- 8. The number of chromosomes per cell is cut in half

- 11. Regulate the cell cycle

- 13. Third phase of mitosis

- 15. Contains only one set of chromosomes

- 17. Part of cell division when the cell nucleus divides

- 18. Fan-like microtubule structure that separate the chromosomes