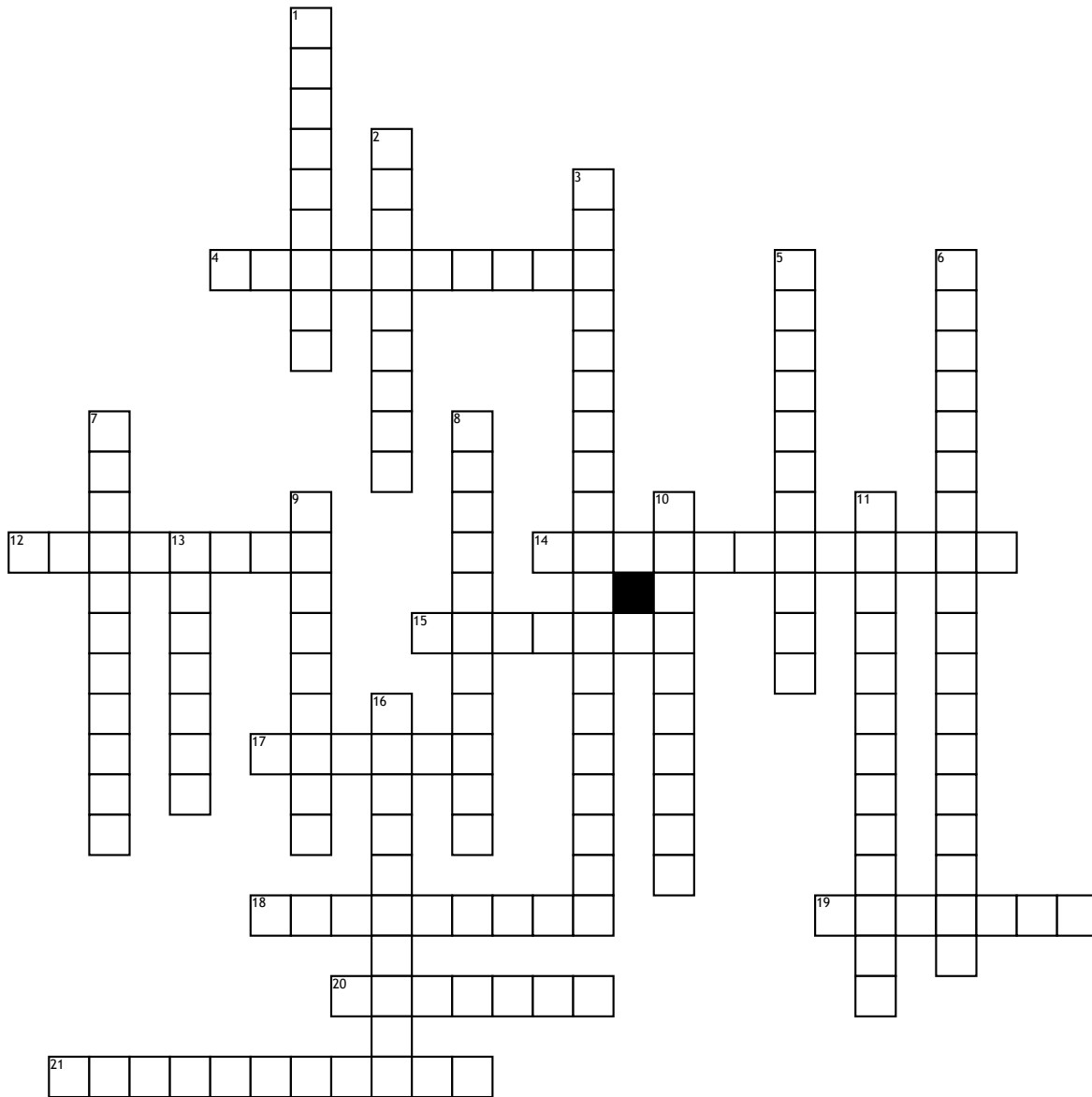


# cell division vocabulary



**Across**

- 4. single celled organism with no nucleus
- 12. the first stage of cell division
- 14. protein structure that divides the genetic material in a cell
- 15. any of a group of basic proteins found in chromatin
- 17. cell containing half the genetic material necessary to form a complete organism
- 18. complex of DNA and protein found in eukaryotic cells
- 19. cell division that results in two daughter cells having the same number of chromosomes as the parent
- 20. a process of a single cell divides twice containing half the original amount of dna

- 21. contains two complete sets of chromosomes

**Down**

- 1. produce cilia during interphase and the aster and the spindle during cell division.
- 2. an organism with complex cells, or a single cell with a complex structures
- 3. off spring created by one parent
- 5. part of the cell division process during which the cytoplasm of a single eukaryotic cell divides into two daughter cells
- 6. when offspring is created by half dna from each parent
- 7. carries genetic information
- 8. any cell of a living organism other than the reproductive cells.
- 9. chromosomes are at their second-most condensed and coiled stage
- 10. portion of the cell cycle that is not accompanied by observable changes under the microscope
- 11. replication of a single celled organism
- 13. having a single set of unpaired chromosomes
- 16. specialized DNA sequence of a chromosome that links a pair of sister chromatids