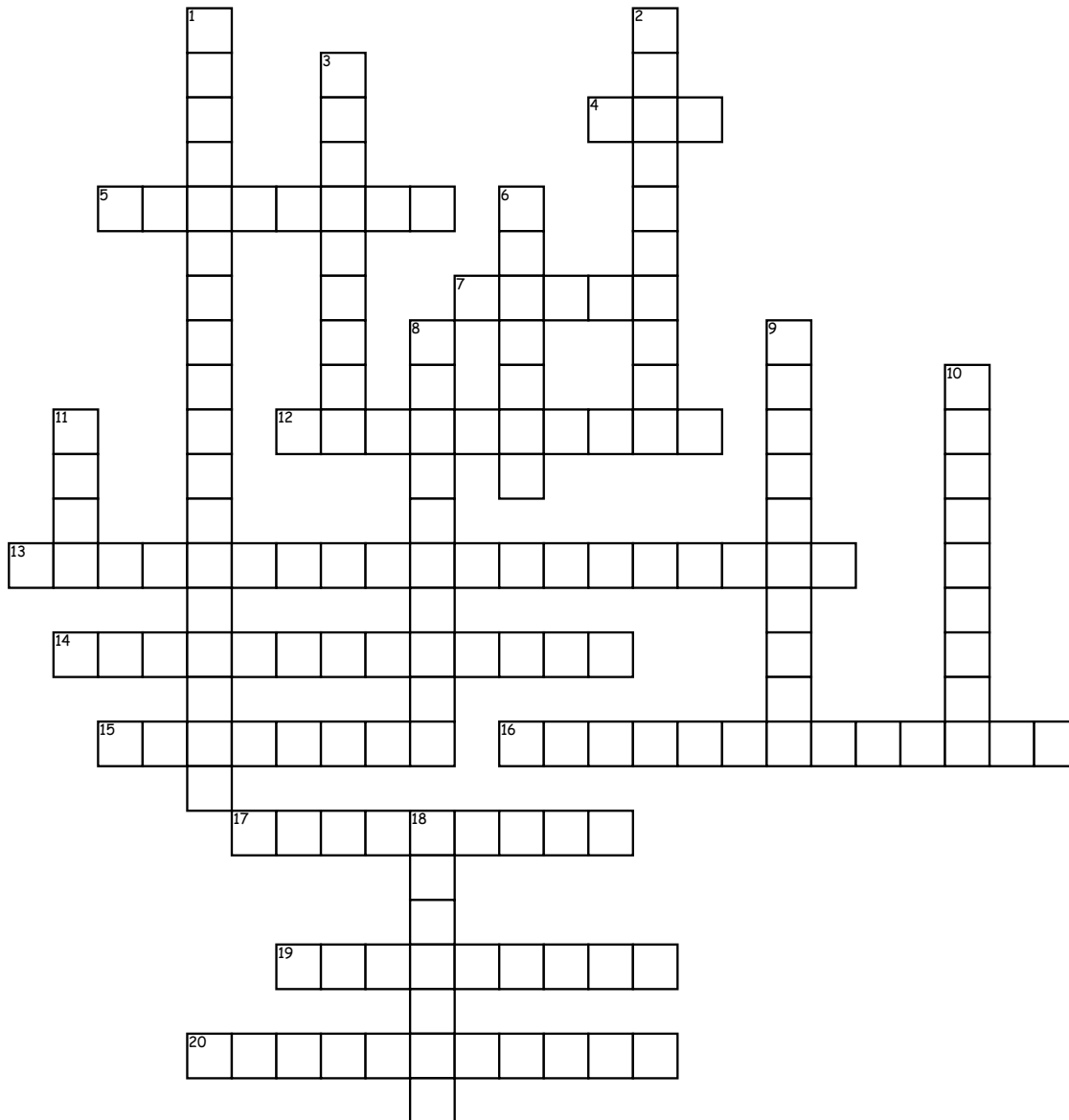


# Mitosis



## Across

4. provides instructions for cell growth and reproduction
5. stage of mitosis in which the chromatin separate
7. sex cell produced by males
12. produces spindle fibers
13. one organism produces an identical offspring to itself
14. when a sperm cell and egg cell join together
15. nuclear membrane disappears

16. Threadlike structures that attach to chromatin

17. each half of a duplicated chromosome

19. Chromosomes move opposite sides of the cell

20. when they cytoplasm separates

## Down

1. two parents contribute a cell to reproduction

2. The area where chromatin is attached

3. chromatin line up in the center of the cell

6. cells that have similar pairs of chromosomes

8. part of cell cycle where the cell is not dividing

9. the condensed form of a chromatin

10. the full life cycle of a eukaryotic cell

11. sex cells produced by females

18. Cell division in which two identical cells are produced