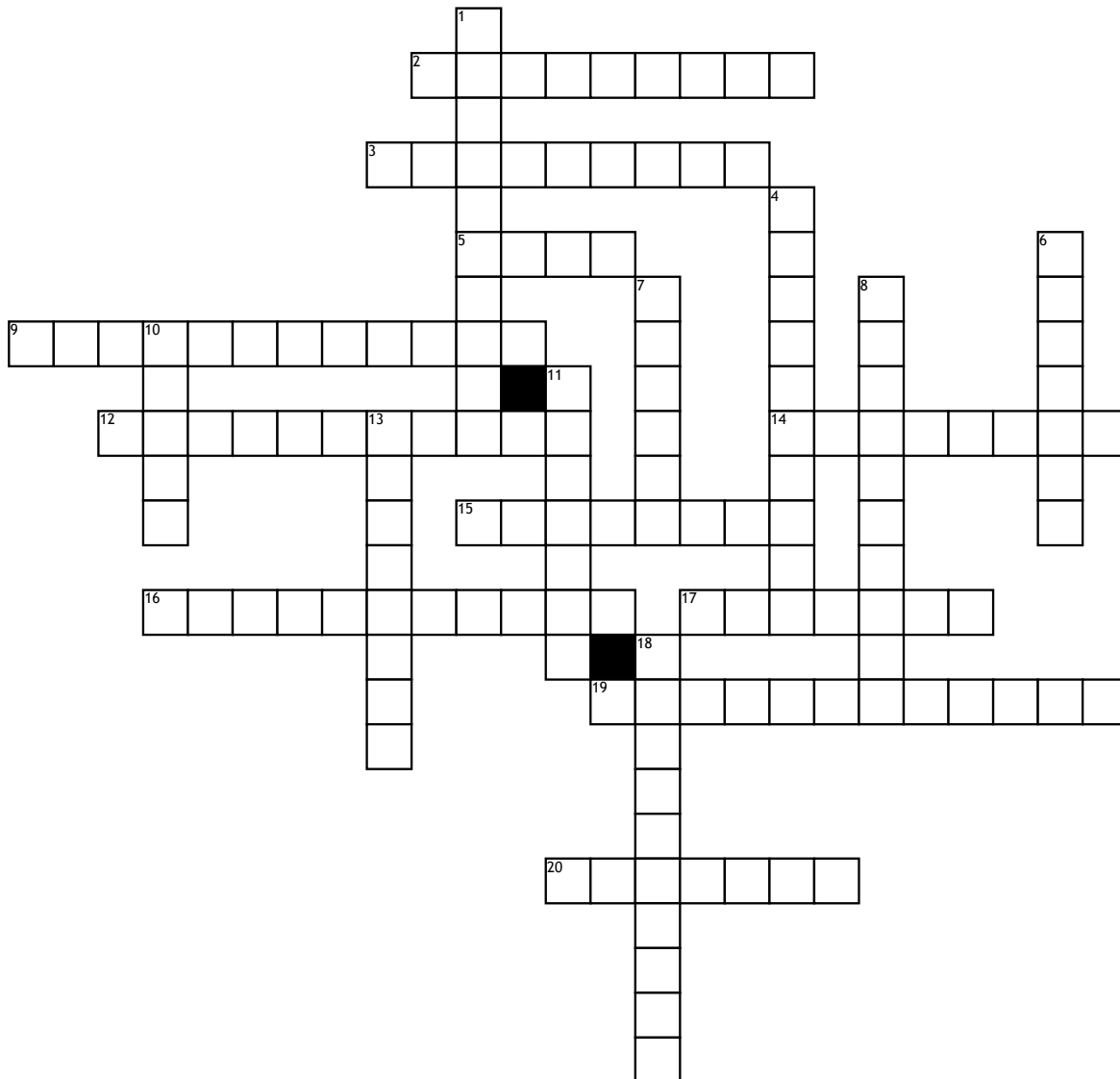


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Mitosis and Meiosis



## Across

- 2. Centrioles replicate
- 3. Chromosomes meet in the middle
- 5. The name of female sex cells in plant
- 9. Prophase I
- 12. cytokinesis divides cell into two during what phase
- 14. The phase during mitosis where chromosomes get pulled apart
- 15. chromosomes thicken and shorten

16. chromosomes align along equator of cell

17. Division of gametes (sex cell)

19. In between the 2 phases of meiosis, NO DNA Synthesis

20. This type of cell would be a cell that contains one set (46) of chromosomes

## Down

1. Two chromatids are joined by

4. Centrioles move to opposite poles

6. 4 daughter cells are produced

7. Once the zygote has formed, it begins to divide through the process of mitosis

8. Homologous pairs line up independently

10. The name of the male sex cell in animals

11. Division of somatic (body) cells

13. Spindle fibres contract pulling chromatids to the opposite poles of the cell

18. cell prepare to divide and genetic material doubles