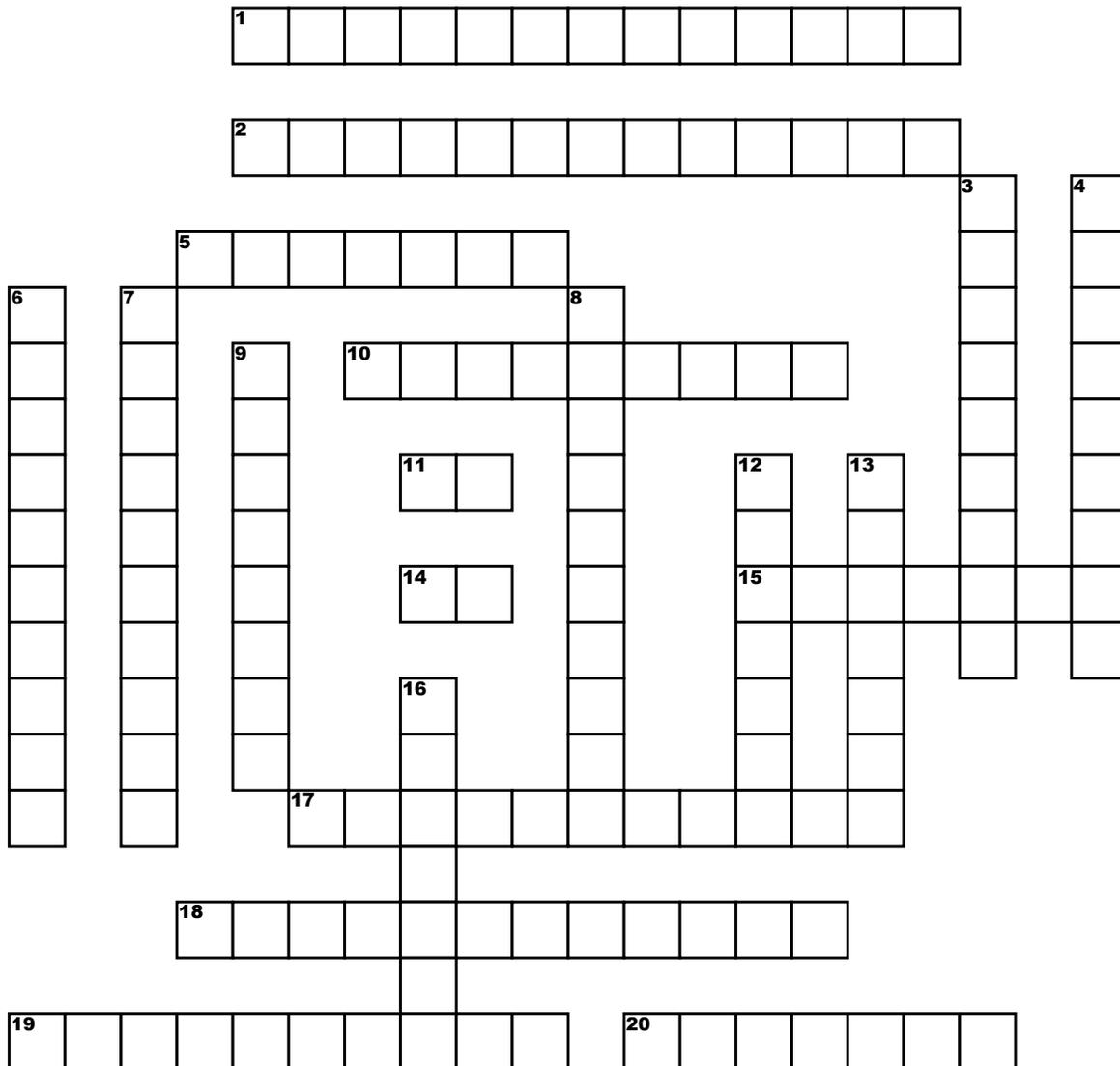


# Advanced Biology Review Mitosis and Meiosis



## **Across**

1. Structure created by centrioles
2. Joining of egg and sperm
5. Process that creates two identical cells
10. Phase in Meiosis in which sister chromatids are pulled to opposite sides of the cell
11. Male sex chromosomes
14. Female sex chromosomes
15. Process that creates 4 haploid cells
17. Phase in mitosis in which the cell divides and 2 new cells are made

**18. Disease caused by an extra chromosome 21**

**19. Phase in meiosis that sister chromatids line up in one row in the center of the cell**

**20. Cells that have pairs of chromosomes**

## **Down**

**3. Phase in mitosis in which the nuclear membrane reforms**

**4. Phase in Mitosis that centrioles duplicate**

**6. Phase in which chromosome become sister chromatids**

**7. Phase in the cell cycle in which regular cell activities occur.**

**8. Strand of DNA rapped around a histone protein**

**9. Organisms that use fission to reproduce**

**12. Scientific term for reproductive cells**

**13. Process that creates reproductive cells used in sexual reproduction**

**16. Process that create two diploid cells**