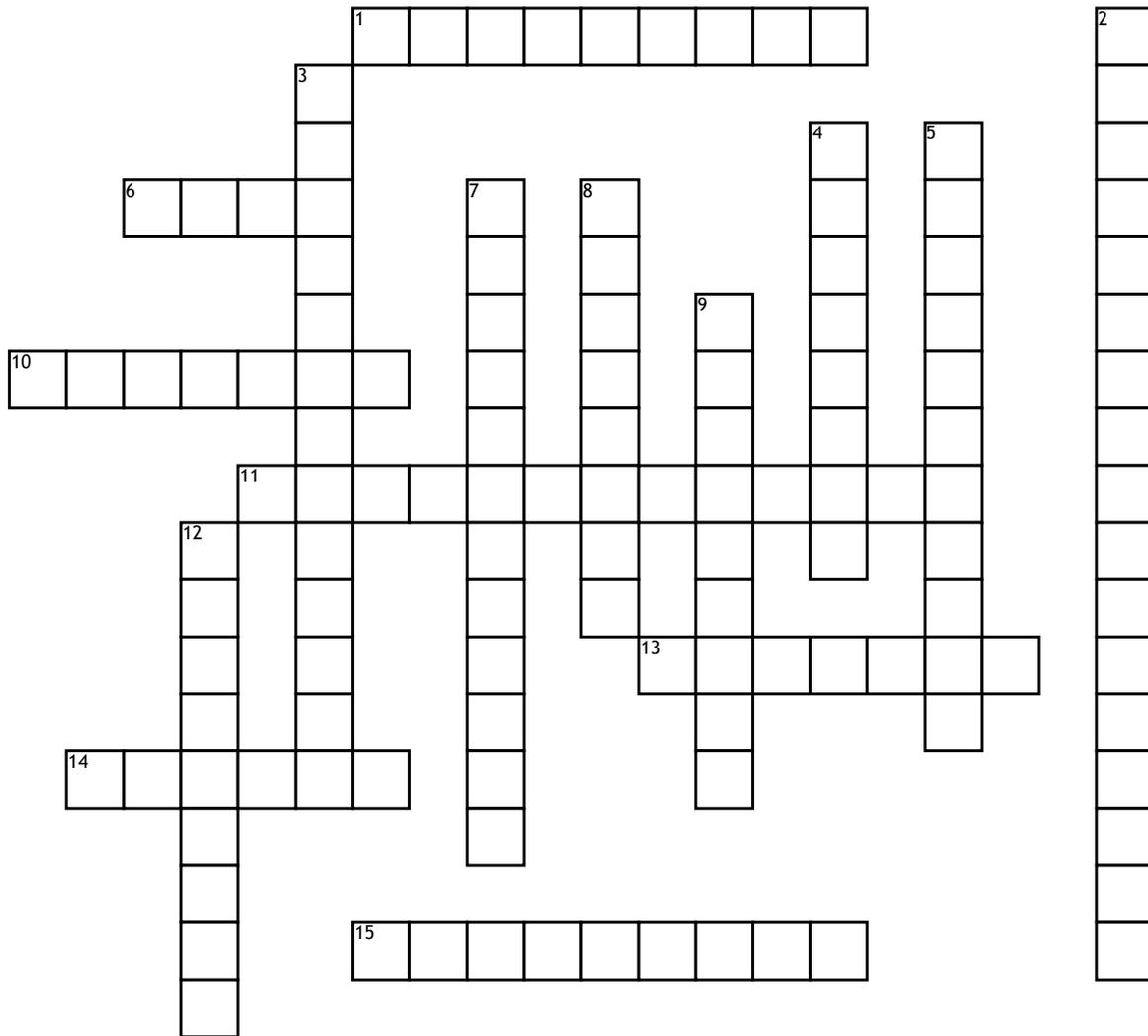


Mitosis and Meiosis



Across

1. The sites of crossing over is called _____?

6. At the end of Meiosis II, there are _____ sets of daughter chromosomes.

10. In humans, the total number of chromosomes in a cell is called _____?

11. The fusion of gametes to form a new cell is called?

13. One complete set of chromosomes.

14. The phase in which a chromosome is replicated.

15. The phase in which the nuclear envelope re-forms around the chromosomes.

Down

2. Checkpoint that assures that chromosomes are attached at the metaphase plate.

3. Cells that are set aside from somatic cells and will undergo meiosis.

4. During Prophase I of Meiosis, homologous chromosomes find each other and become closely associated by a process called?

5. The phase of the cell cycle when the cytoplasm divides.

7. The process in which homologues exchange chromosomal material.

8. After replication, sister chromosomes are held together by _____?

9. Chromosomes are aligned on the equator of the cell during _____.

12. The longest phase of the cell cycle.