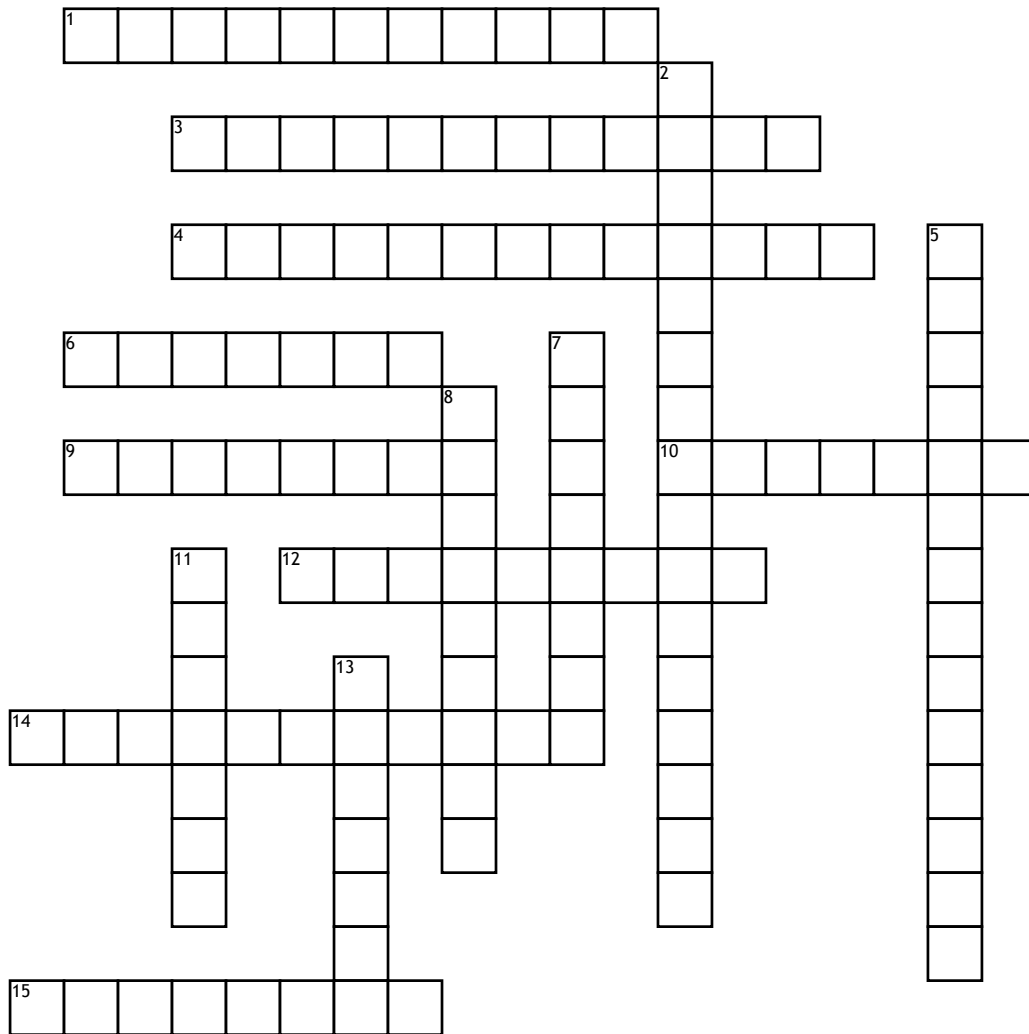


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Meiosis and Mutations Crossword Puzzle



**Across**

- 1. When the rest of the cell divides to form two new daughter cells
- 3. The process of creating two new cells
- 4. Breaking and moving a part of a chromosome to another chromosome
- 6. Function is to create reproductive cells
- 9. Changes in the genetic material

- 10. Cells containing one set of chromosomes
- 12. Inserting an additional base into the genetic sequence
- 14. Copying part of the chromosome
- 15. The stage of meiosis when homologous chromosomes move toward opposite ends of the nuclear spindle

- 5. Failure of paired chromosomes to separate (to disjoin) during cell division
- 7. Deleting a base from the genetic sequence
- 8. Flipping two sections of a chromosome
- 11. Cells containing two sets of chromosomes
- 13. Is another word for sex cells

- Down**
- 2. The two sides of the "X" formed by replicated chromosomes

**Word Bank**

- |                   |             |                |               |
|-------------------|-------------|----------------|---------------|
| Mutation          | Duplication | Deletion       | Cytokinesis   |
| Sister chromatids | Haploid     | Insertion      | Diploid       |
| Anaphase          | Gametes     | Nondisjunction | Cell division |
| Inversion         | Meiosis     | Translocation  |               |