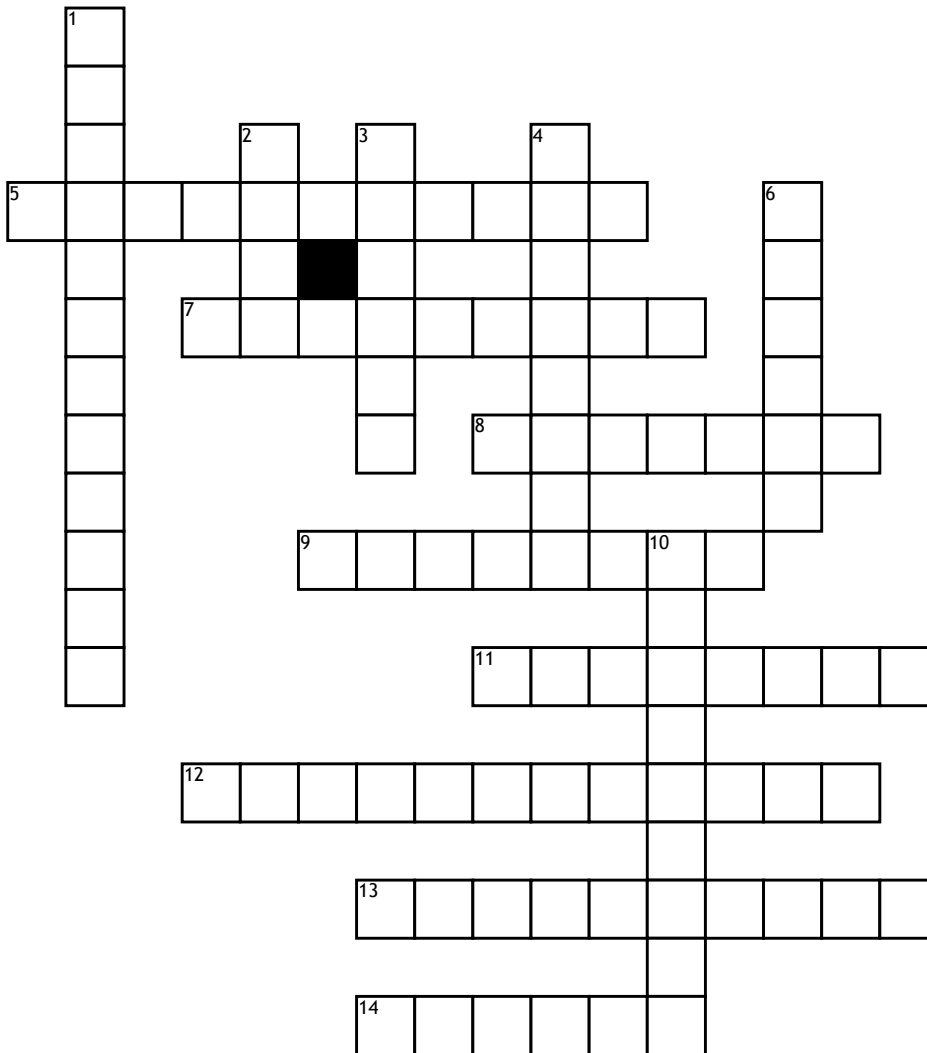


Name: \_\_\_\_\_

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

# Genetics



## Across

- 5. The separation of allelic genes that typically occurs during Meiosis
- 7. Mendal's name for a specific trait hidden or masked in the F1 generation
- 8. Cell with half the number of chromosomes as a diploid
- 9. An organisms allele pairs
- 11. Science of hereditary
- 12. Exchange of chromosomal segments between a pair of homologous chromosomes during prophase 1 of Meiosis

- 13. Organisms with two of the same alleles for a specific trait
- 14. Alternative form that a single gene may have for a particular trait

## Down

- 1. Organisms with two of the same alleles for a specific trait
- 2. Functional unit that controls inherited trait expression that is passed on from one generation to another generation

- 3. A haploid sex cell, formed during meiosis, that can combine with another haploid sex cell and produce a diploid fertilized egg
- 4. Mendal's name for a specific trait that appeared in the F1 generation
- 6. Organism heterozygous for a specific trait
- 10. Observable characteristics that is expressed as a result of an allele pair