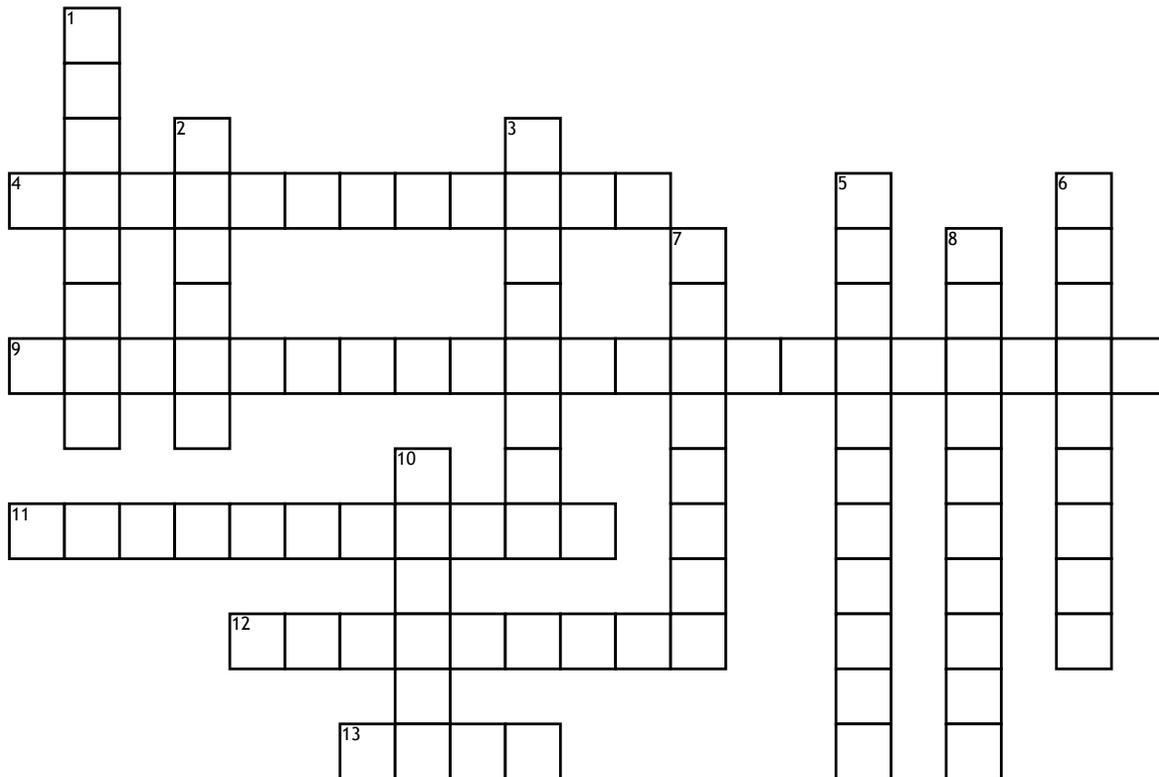


Mendelian Genetics Crossword



Across

4. Adjective for when a gene has two different alleles

9. The Principle of _____ states that if genes are located on the chromosome, then alleles of each gene are transmitted to gametes independently

11. _____ inheritance is the hypothesis that parents pass on discrete heritable units that retain their separate identity without the blending of characters from one generation to the next

12. "a" in "Aa" is considered the _____ allele

13. A hereditary factor that influences a particular trait

Down

1. Individuals of the same phenotype that always produce offspring with the same phenotype

2. The man who used garden peas to illustrate how genes are inherited

3. "A" in "Aa" is considered the _____ allele

5. The Principle of _____ states that the separation of homologous chromosomes results in alleles of the same gene moving into different gametes

6. An individual's observable traits

7. _____ traits are traits that can be put into categories like "wrinkled" or "round"

8. Adjective for when a gene has two of same alleles

10. Part of a gene that comes in more than one form