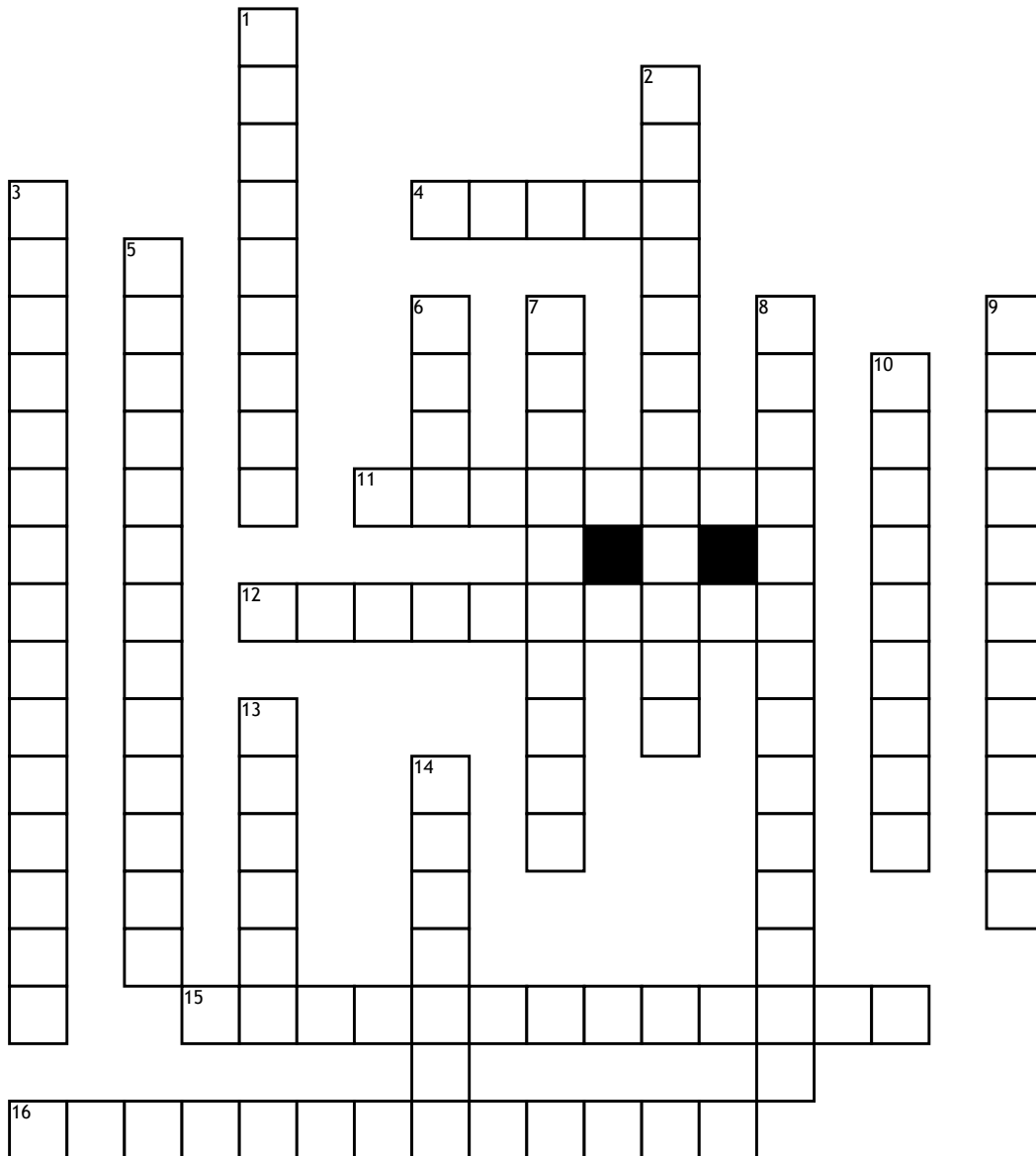


Genetics & Punnett Square Vocabulary



Across

4. a specific characteristic, such as seed color or plant height, that varies from one individual to another
11. The set of genes (alleles) a person possesses. It is written as percentages using letters (25%,50%,75%,100%).
12. An individual who has two of the same alleles for a trait. (Ex. TT or tt)
15. the process during sexual reproduction when male and female cells join.
16. A chart that shows all the possible combinations of alleles that can result from a genetic cross.

Down

1. What are the physical characteristics of an organism?
2. An individual with two different alleles for a trait.
3. What is a situation in which a gene has more than two identical alleles for a particular trait?
5. A form of an allele who trait always shows up if it is present. Dominant traits are represented by a CAPITAL letter (B).
6. Codes for a trait. Each cell has two copies., A segment of DNA on a chromosome that codes for a specific trait.

7. Organisms that have two identical alleles for a particular trait are said to be _____.
8. An allele who trait shows up only when the dominant allele is not present. Recessive traits are represented by a lowercase letter (b).
9. It is the separation of alleles.
10. The physical appearance that is determined by the genes., An organism's physical appearance, or visible traits.
13. Different forms of a gene. Each gene has two
14. the offspring of crosses between parents with different trait