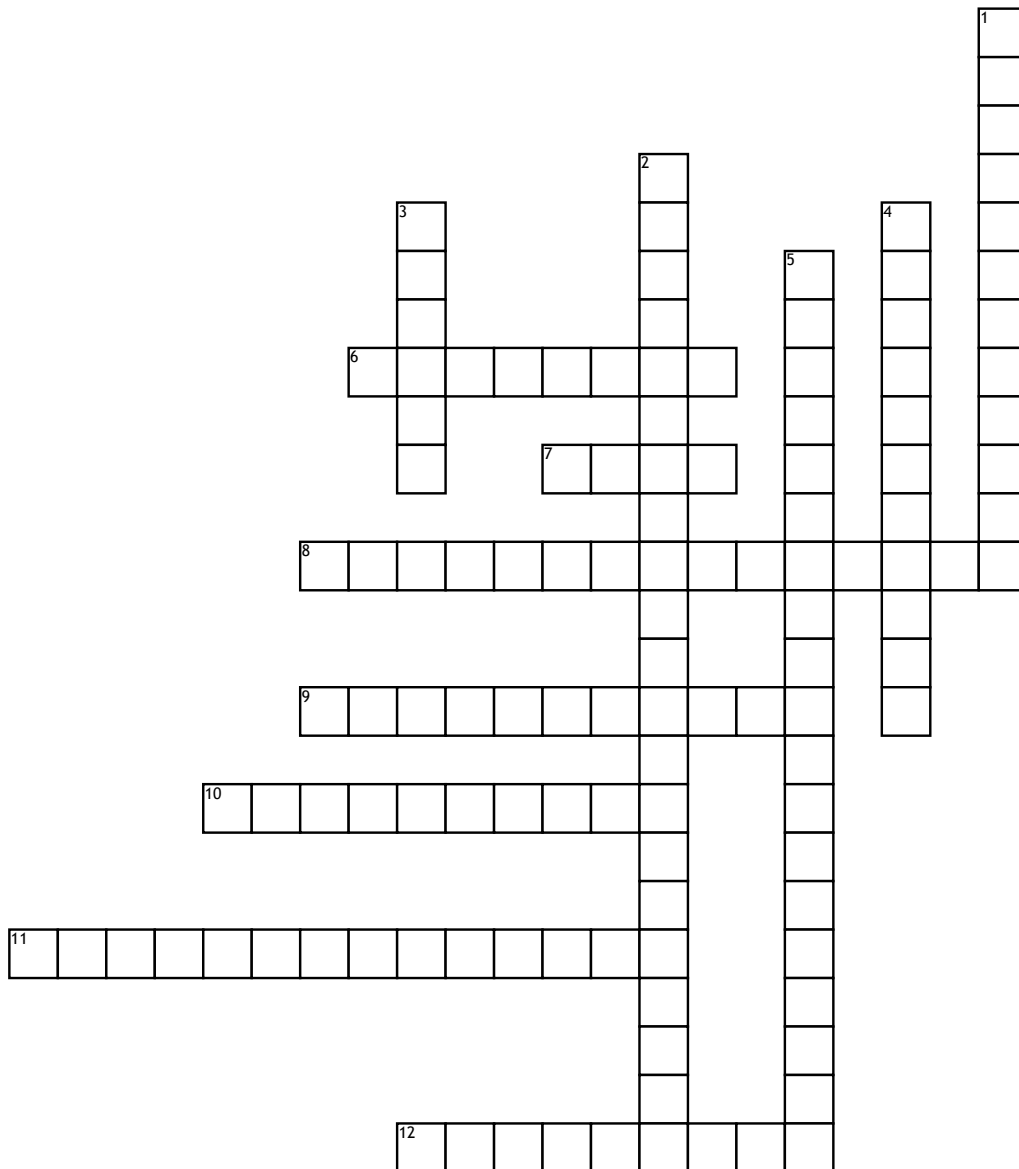


genetics



Across

6. the genetic constitution of an individual organism.

7. a unit of heredity which is transferred from a parent to offspring and is held to determine some characteristic of the offspring

8. a type of non-Mendelian inheritance pattern that involves more than just the typical two alleles that usually code for a certain characteristic in a species.

9. a form of inheritance wherein the alleles of a gene pair in a heterozygote are fully expressed

10. an individual having two identical alleles of a particular gene or genes

11. traits that are controlled by multiple genes instead of just one.

12. the set of observable characteristics of an individual resulting from the interaction of its genotype with the environment.

Down

1. an individual having two different alleles of a particular gene or genes

2. a genetic term that refers to the variation of chromosomes, or genetic information, during sex cell division.

3. variant of a gene controlling the same trait and occupying a specific region on a chromosome

4. predicting the outcome of a genetic cross or of a random experiment.

5. when a dominant allele, or form of a gene, does not completely mask the effects of a recessive allele, and the organism's resulting physical appearance shows a blending of both alleles.