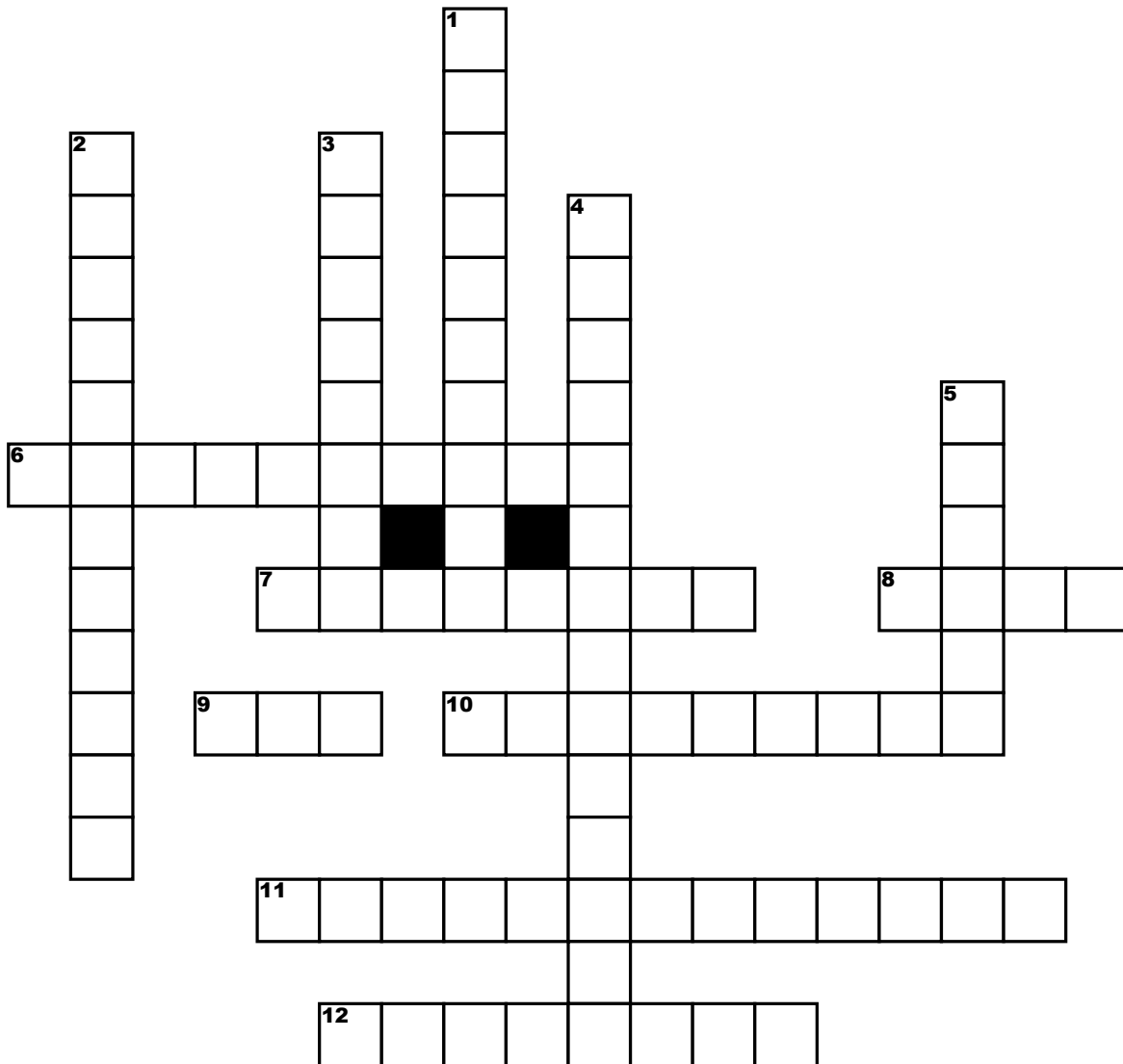


Genetics



Across

6. having identical pairs of genes for any given pair of hereditary characteristics

7. the transmission of genetic characters from parents to offspring

8. the basic physical unit of heredity

9. the molecule that contains the genetic code of organisms

10. the observable constitution of an organism

11. trait that will appear in the offspring if one of the parents contributes it

12. the science of heredity, dealing with resemblances and differences of related organisms resulting from the interaction of their genes and the environment

Down

1. any of several threadlike bodies, consisting of chromatin, that carry the genes in a linear order

2. having dissimilar pairs of genes for any hereditary characteristic

3. the genetic makeup of an organism or group of organisms with reference to a single trait, set of traits, or an entire complex of traits

4. can be carried in a person's genes without appearing in that person

5. any of several forms of a gene, usually arising through mutation, that are responsible for hereditary variation