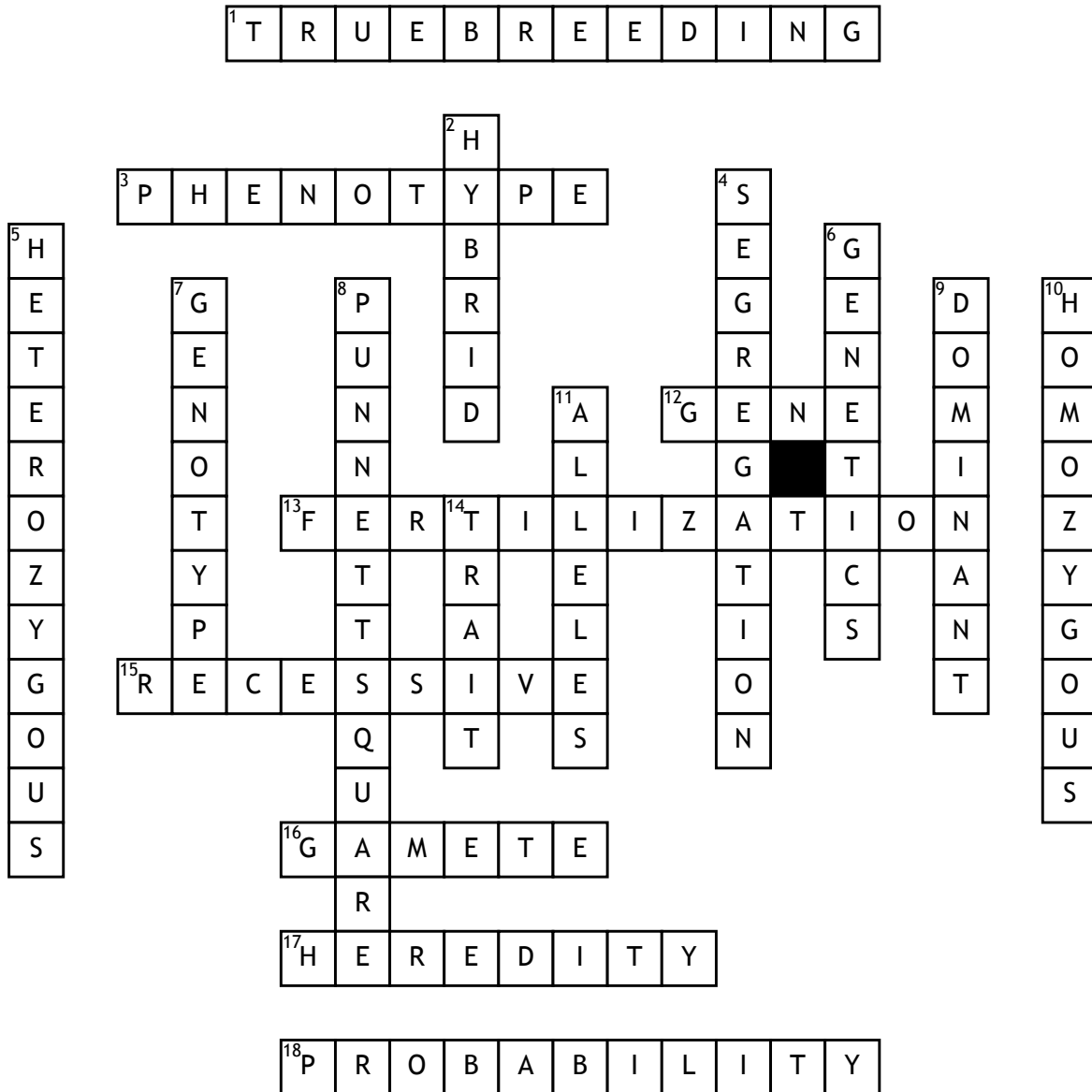


# Genetics Vocabulary



## Across

1. self-pollinate, would produce offspring identical to themselves.

3. All of the tall plants have the same, or physical characteristics

12. Today, scientists call the factors that determine traits.

13. During sexual reproduction, sperm and egg cells join in a process

15. A lowercase letter represents the recessive allele for short.

16. Mendel suggested that the alleles for tallness and shortness in the F1 plants segregated from each other during the formation of the sex cells.

17. The transmission of characteristics from parents to offspring (children).

18. The likelihood that a particular event will occur.

## Down

2. The offspring of crosses between parents with different traits.

4. A setting apart or separation of people or things from others

5. Organism that have two different alleles for the same trait.

6. The scientific study of heredity

7. The tall plants do not have the same, or genetic makeup.

8. The gene combinations that might result from a genetic cross can be determined by drawing a diagram.

9. A capital letter represents the dominant allele for tall.

10. Organism that have two identical alleles for a particular trait

11. The different forms of a gene.

14. A specific characteristic that varies from one individual to another.