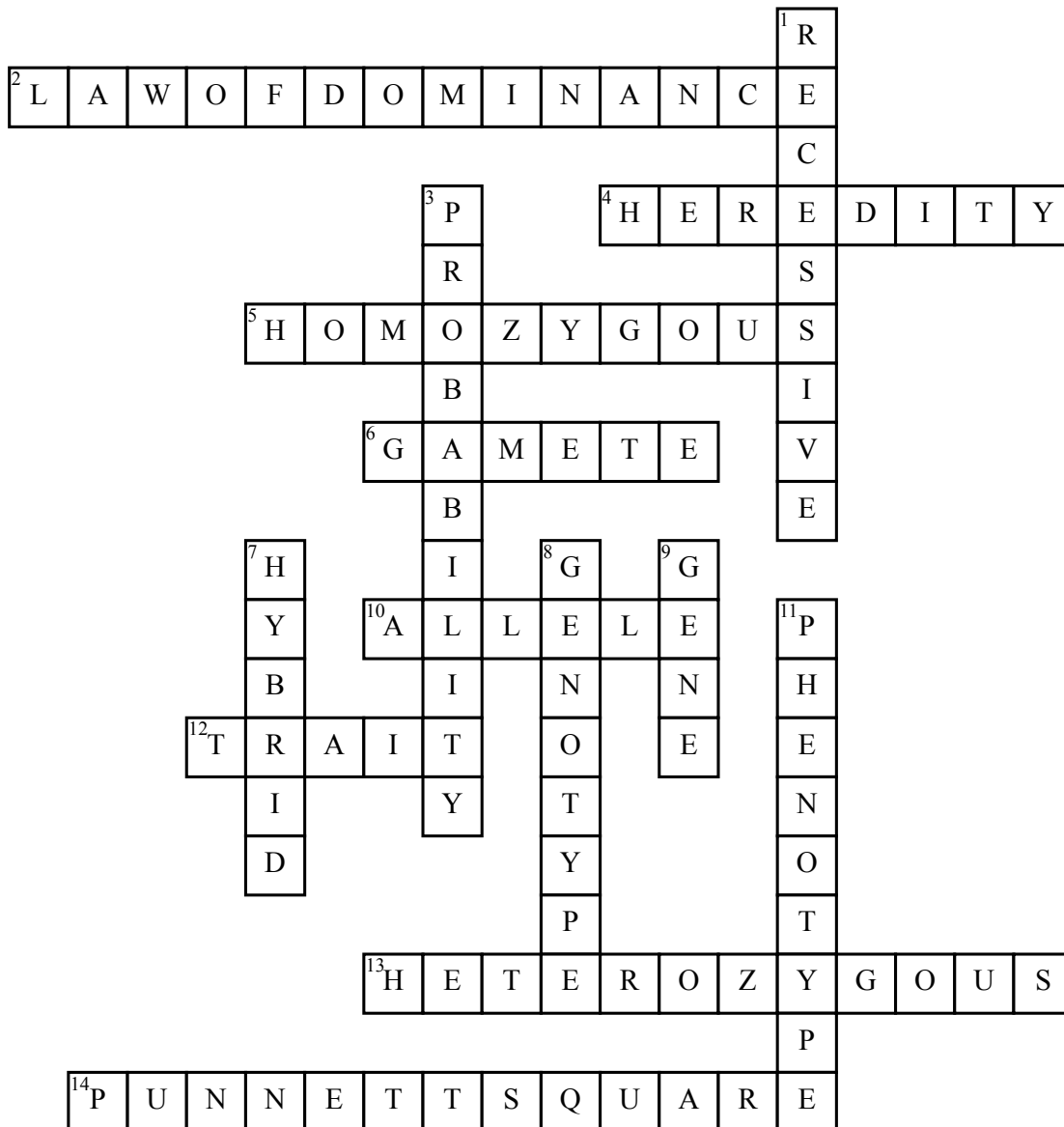


# Genetics Crossword



## Across

2. states that one of the factors for a pair of inherited traits will be dominant and the other recessive, unless both factors are recessive
4. the passing on of physical or mental characteristics genetically from one generation to another.
5. Organisms that have two identical alleles for a particular gene
6. a mature haploid male or female germ cell that is able to unite with another of the opposite sex in sexual reproduction to form a zygote.
10. one of two or more alternative forms of a gene that arise by mutation and are found at the same place on a chromosome.

12. a distinguishing quality or characteristic, typically one belonging to a person.

13. Organisms that have two different alleles for the same gene

14. a diagram that is used to predict an outcome of a particular cross or breeding experiment

## Down

1. relating to or denoting heritable characteristics controlled by genes that are expressed in offspring only when inherited from both parents, when not masked by a dominant characteristic inherited from one parent.

3. the extent to which something is probable; the likelihood of something happening or being the case.

7. the offspring of two plants or animals of different species or varieties

8. the genetic constitution of an individual organism.

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

11. a set of physical traits or observable characteristics