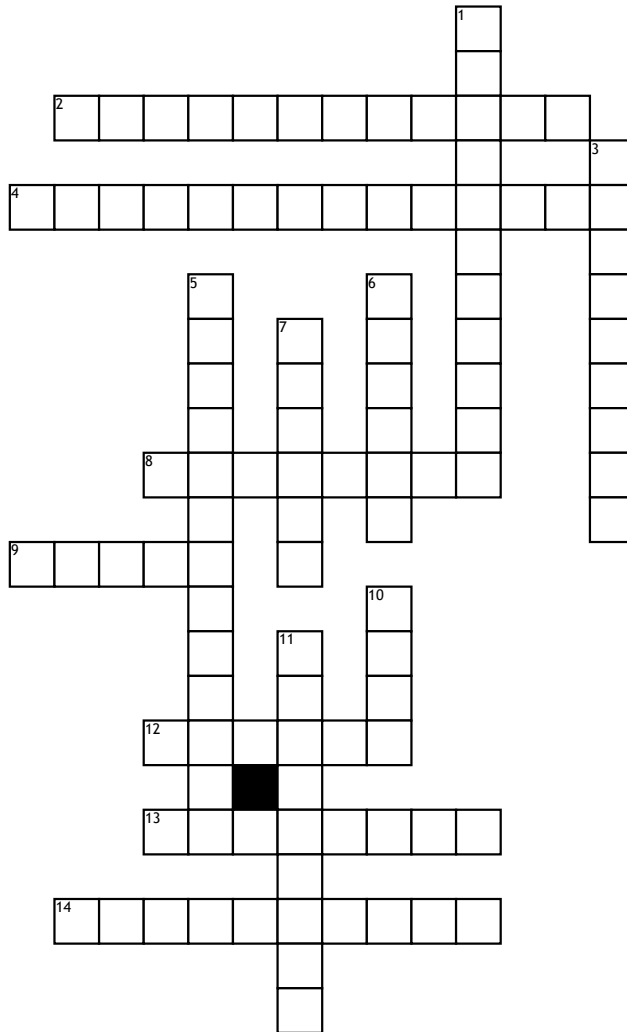


Genetics crossword puzzle key



Across

- 2. organisms that have two different alleles for the same gene
- 4. State that one of the factors for a pair of inherited traits will be dominant and the other recessive unless both factors are recessive
- 8. The passage of physical or mental characteristics genetically from one generation to another
- 9. A distinguishing quality or characteristics typically one belonging to a person

12. 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

13. the genetic constitution of an individual organism

14. Organisms that have two identical alleles for a particular gene

Down

- 1. the extent to which something happens or being the case
- 3. Relating to or denoting heritable characteristics controlled by genes that are expressed in offspring only when not masked by a dominant characteristic inherited from one parent

5. A diagram that is used to predict an outcome of a particular cross breeding experiments

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

7. one of two more alternative forms a organism gene that arise by mutation and are found at the same place on a chromosome

10. A unit of heredity that is transferred from a parent to an offspring and is held to determine some characteristics of the offspring

11. a set of physical traits or observable characteristics

Word Bank

- | | | | |
|--------------|----------------|------------------|-------------|
| allele | gamete | LAW OF DOMINANCE | gene |
| heterozygous | PUNNETT SQUARE | phenotype | probability |
| homozygous | genotype | Hybrid | heredity |
| RECESSIVE | trait | | |