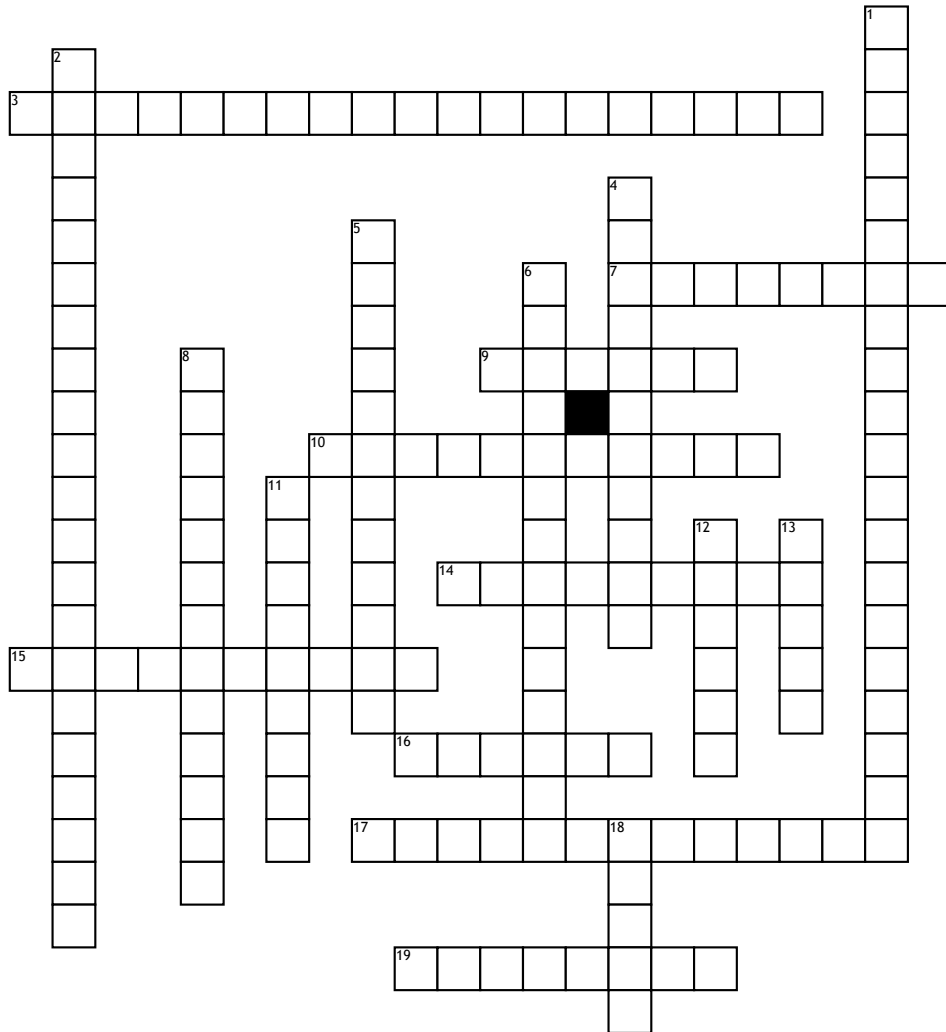


Name: _____

Genetics Unit: Vocabulary



Across

3. Cases where the heterozygous phenotype lies somewhere between the two homozygous phenotypes are called
7. Alleles the chromosomes carry that code for a phenotype
9. alternate forms of a gene
10. Alleles are equally expressed in a heterozygote
14. the set of observable characteristics of an individual resulting from the interaction of its genotype with the environment.
15. Both alleles present are identical.
16. reproductive cell

17. Table method used to assess probabilities of outcomes in genetics.

19. the study of heredity and the variation of inherited characteristics.

Down

1. Mendel's second conclusion, which states that some alleles are dominant and others are recessive
2. Each pair of alleles segregates separately of any other pair of alleles when gametes are formed.
4. The two alleles for each trait separate when gametes form.
5. Having two different alleles for a trait present.

6. If a trait is controlled by multiple alleles, the gene exists in 3 or more allelic forms

8. the action or process of fertilizing an egg, female animal, or plant, involving the fusion of male and female gametes to form a zygote.

11. Traits that are produced by the interaction of several genes are referred to as

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

13. coded information in the form of hereditary units.

18. Form of a characteristic represented.

Word Bank

hybrid

genes

Principle of dominance

Genotype

trait

homozygous

gamete

fertilization

Multiple allele

Punnett square

genetics

heterozygous

segregation

polygenic

Codominance

independent assortment

incomplete dominance

Allele

phenotype