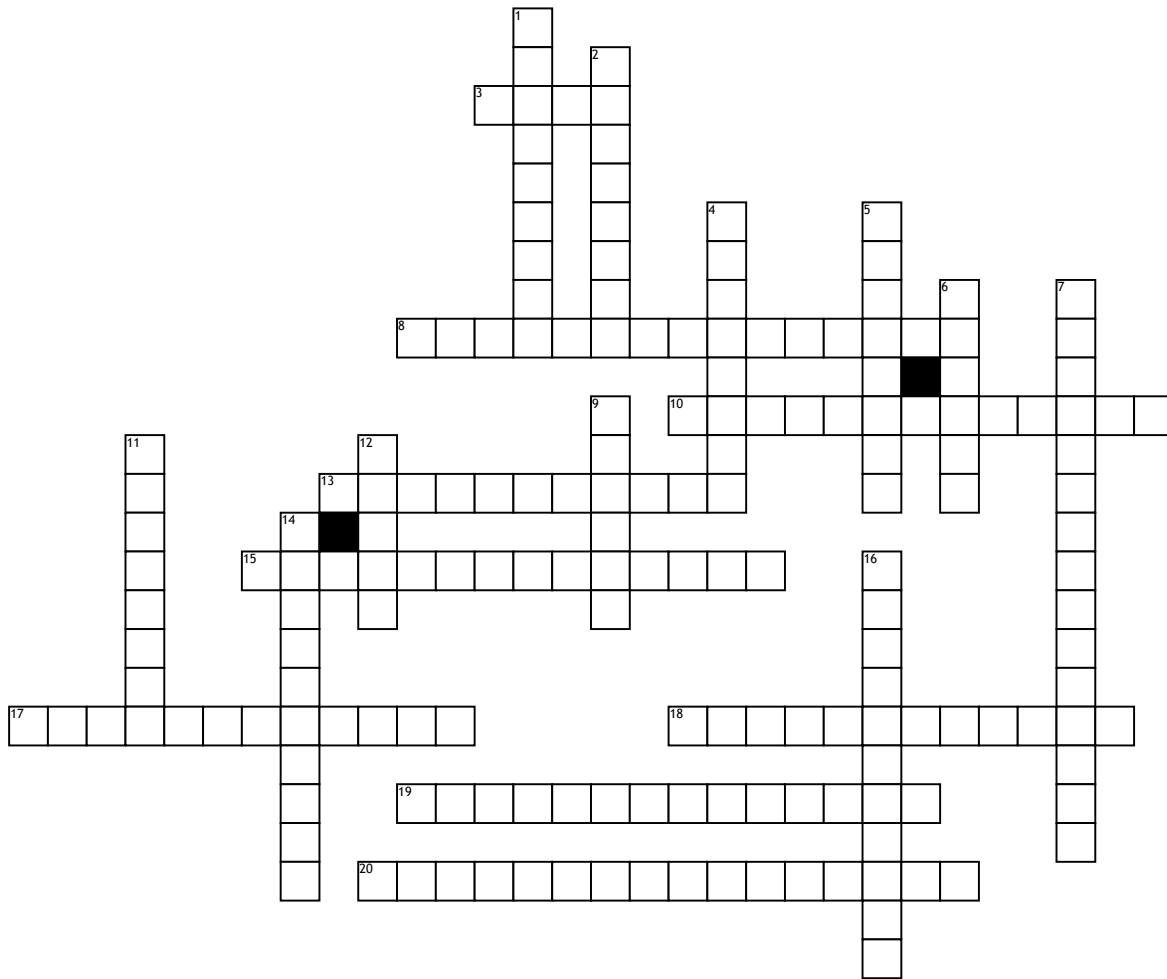


Name: _____

Genetics



Across

3. A segment of DNA that determines a particular trait
8. The general term for an allele that is masked in the phenotype by the presence of another allele.
10. cross between two different alleles that differ in two observed traits
13. THE LIKELIHOOD A PHENOTYPE OR GENOTYPE WILL OCCUR IN OFFSPRING
15. The general term for an allele that masks the presence of another allele in the phenotype.
17. A genotype consisting of two different alleles of a gene for a particular trait.

18. A GRID SYSTEM USED TO DETERMINE GENETIC PROBABILITY OF OFFSPRING

19. PHENOTYPICALLY EXPRESSED ONLY WHEN PAIRED HOMOZYGOUSLY

20. pollination between two plants with different alleles for one trait

Down

1. THE PHYSICAL TRAIT EXPRESSED BY THE GENES

2. Study of biological inheritance patterns

4. Passing of physical characteristics from parents to offspring

5. an organism that always produces the same traits in its offspring

6. He acquired his understanding of genetics mostly through pea plant breeding experiments.

7. a cross that involves a single trait

9. An alternate form of the same gene.

11. The genetic makeup of an individual for a trait or for all of his/her inherited traits—not the observable or detectable characteristics.

12. Distinguishing characteristics that are inherited

14. A genotype consisting of two identical alleles of a gene for a particular trait.

16. the offspring of the P, parental, generation