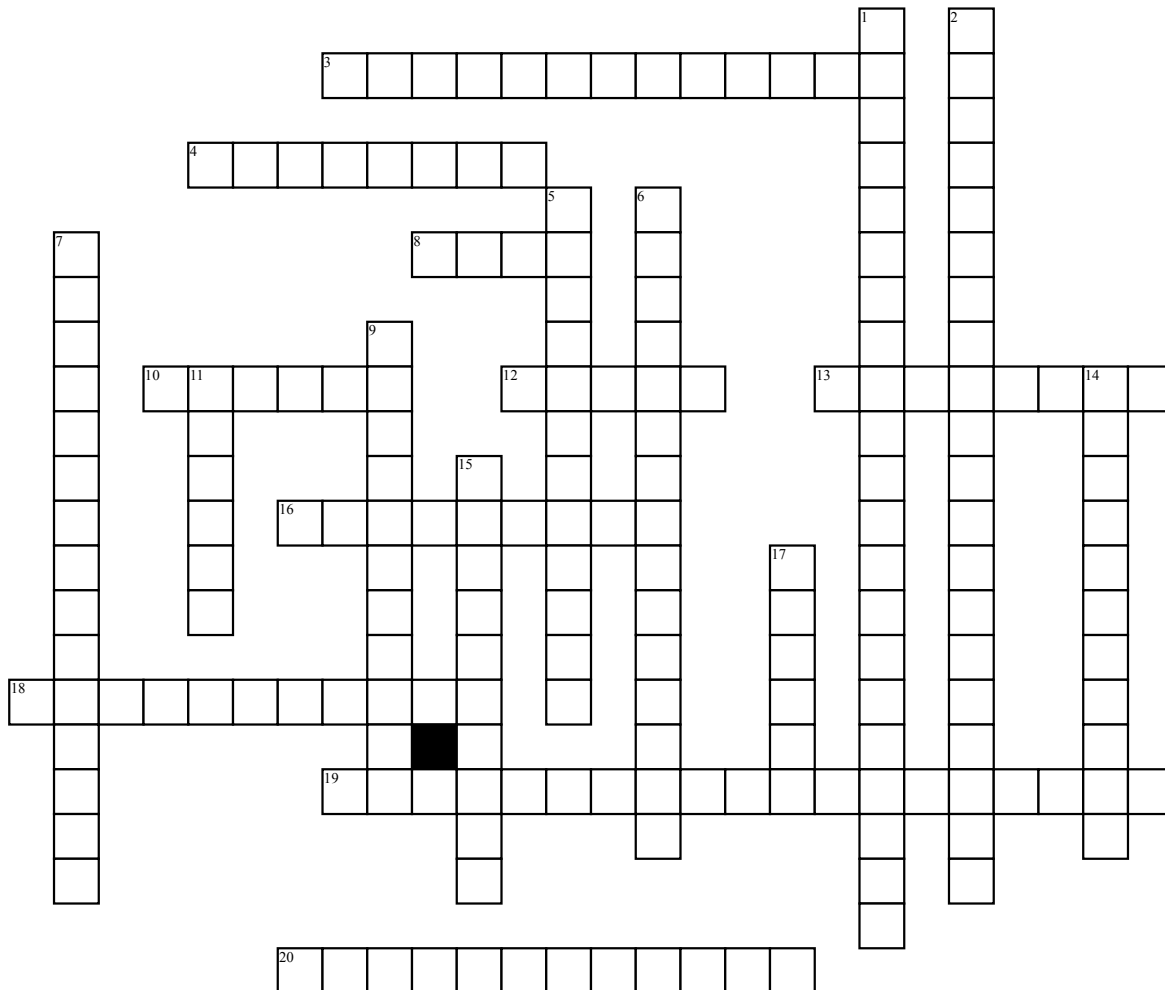


Genetics



Across

- 3.** involves the union of the sperm and egg to form a single, genetically distinct organism
4. the genetic constitution of an individual organism
8. a parent to offspring and is held to determine some characteristic
10. the cells used during sexual reproduction to produce a new individual organism
12. a genetically determined characteristic.
13. the study of heredity
16. set of observable characteristics of an individual

18. likelihood or chance of an event occurring.

19. form of intermediate inheritance in which one allele for a specific trait is not completely expressed over its paired allele

20. diagram that is used to predict the genotypes of a particular cross or breeding experiment.

Down

- 1.** alleles of two different genes get sorted into gametes independently
2. one trait will conceal the presence of another trait for the same characteristic.
5. to different alleles

6. Three or more alternative forms of a gene that can occupy the same locus

7. phenotype is influenced by more than one gene

9. two alleles for each trait segregate, or separate, during the formation of gametes

11. one of two or more alternative forms of a gene that arise by mutation

14. relationship between two versions of a gene.

15. identical alleles on both homologous chromosomes

17. the offspring of two plants or animals of different species