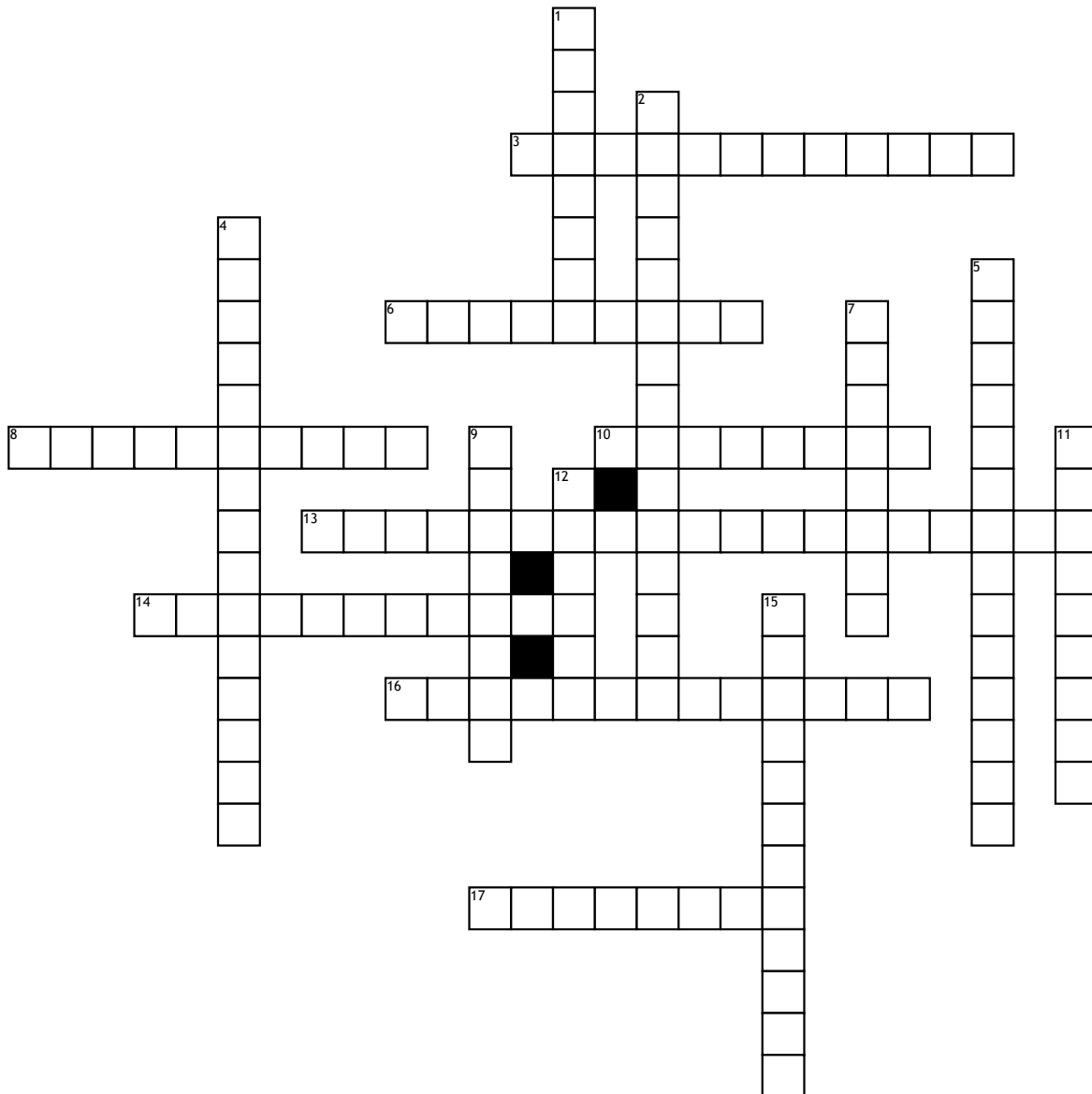


Unit 8 Genetics Crossword



Across

- 3. refers to a pair of genes where one is dominant and one is recessive
- 6. relating to or denoting heritable characteristics controlled by genes that are expressed in offspring only when inherited from both parent
- 8. When an individual has two of the same allele, whether dominant or recessive
- 10. ancestral line or chart depicting the lineage or descent of an individual
- 13. a form of intermediate inheritance in which one allele for a specific trait is not completely expressed over its paired allele

- 14. A condition in which both alleles of a gene pair in a heterozygote are fully expressed
- 16. diagram that is used to predict an outcome of a particular cross or breeding experiment
- 17. set of genes in our DNA which is responsible for a particular trait. The phenotype is the physical expression

Down

- 1. the study of heredity and the variation of inherited characteristics.
- 2. trait associated with a gene that is carried only by the male or female parent
- 4. is a mating between two individuals with different alleles at one genetic locus of interest

- 5. one genetic mechanism giving us a continuous range of possibilities
- 7. the passing on of physical or mental characteristics genetically from one generation to another.
- 9. An allele or a gene that is expressed in an organism's phenotype
- 11. the set of observable characteristics of an individual resulting from the interaction of its genotype with the environment.
- 12. one of two or more alternative forms of a gene that arise by mutation and are found at the same place on a chromosome.
- 15. parents will also pass down a specific phenotypic trait to their offspring