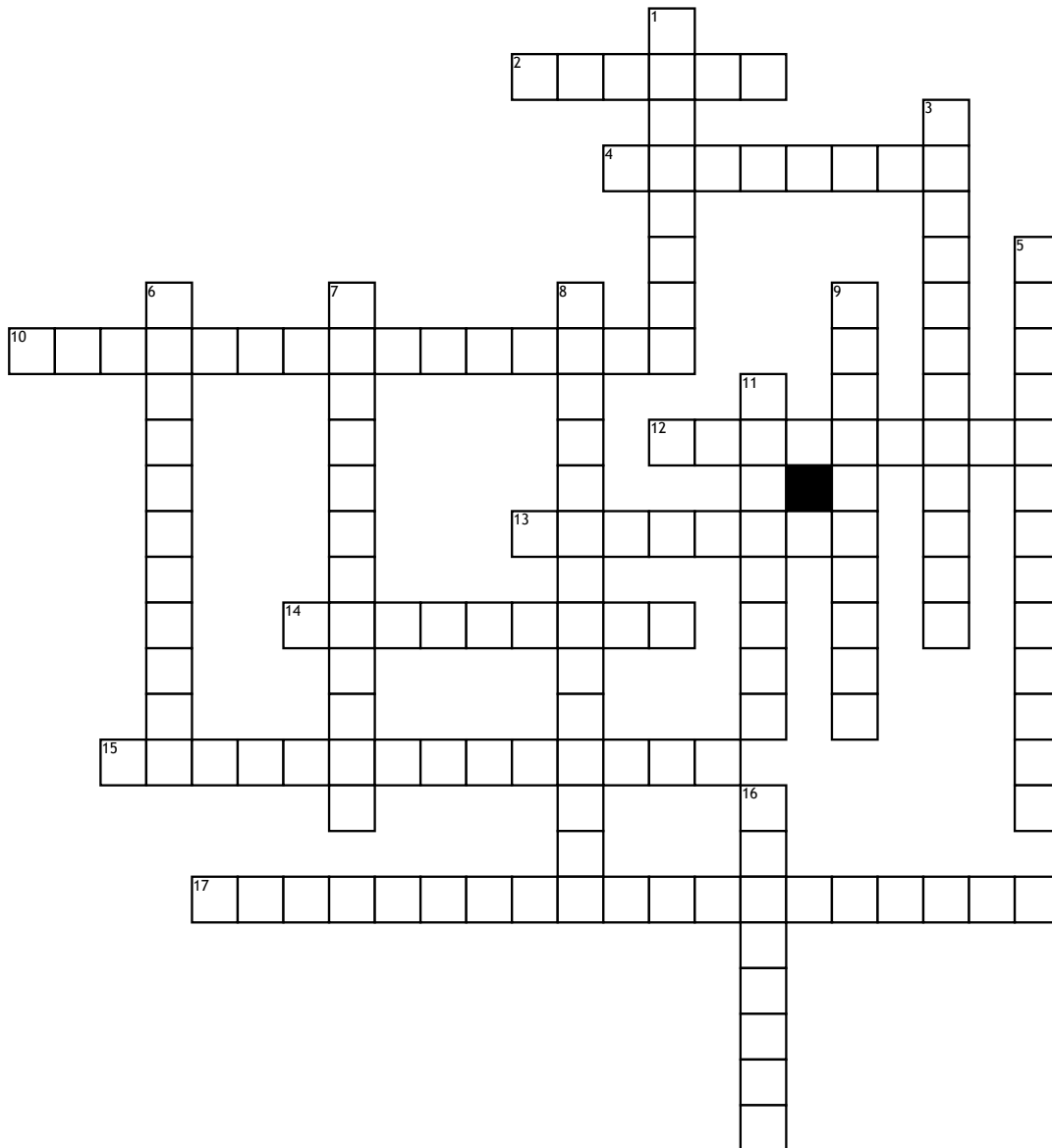


Name: _____ Date: _____ Period: _____

Unit 8 Vocab Crossword Puzzle



Across

2. One or more forms of a gene that arise by mutation and are found at the same place on a chromosome
4. The genetic constitution of an individual organism
10. Mating between two individuals with different alleles, at one genetic locus of interest
12. The observable characteristics resulting from the interaction of its genotype to the environment
13. The passing of physical or mental characteristics from one generation to another

14. Relating heritable characteristics controlled by genes that are expressed in offspring only when inherited from both parents; when not masked by dominant characteristics

15. A trait associated with a gene only carried by the male or female parent
17. A relationship between alleles of one gene, in which the effect on phenotype of one allele masks the contribution of a second allele at the same locus

Down

1. The study of genes, genetic variation, and heredity in a living organism
3. Diploid organism, having one each of 2 different alleles

5. Diagram used to predict an outcome of a certain cross or breeding
6. When neither allele is dominant or recessive and both get expressed
7. AKA Purebreds; An organism that passes down certain physical traits to its offspring
8. Controlled by 2 or more genes on different chromosomes
9. When an individual has 2 of the same alleles, dominant or recessive
11. Diagram showing the genealogy of an individual and all direct ancestors
16. Most powerful, influential, or important