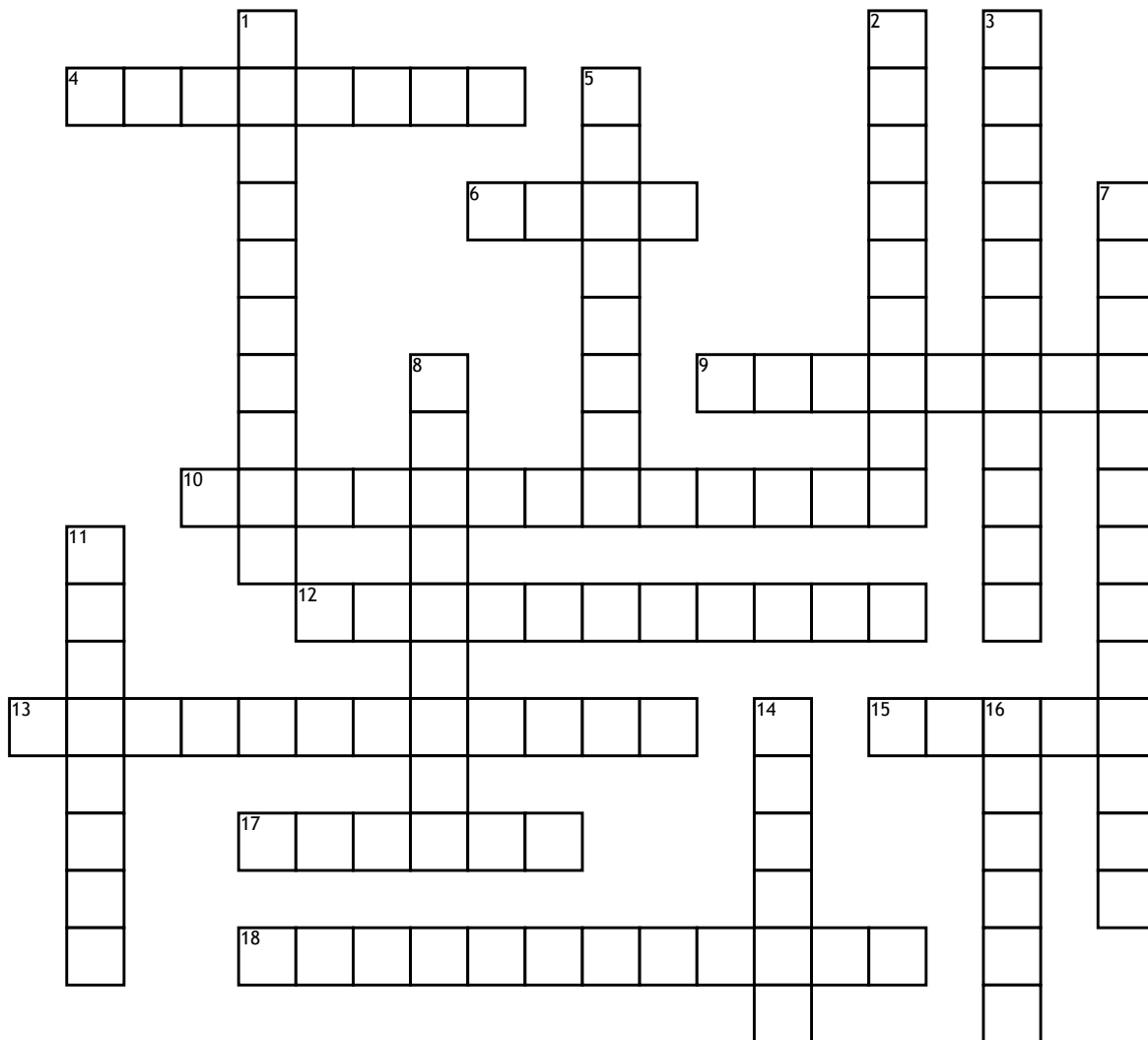


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Genetics Puzzle



## Across

4. Genetic makeup  
6. unit of heredity that is transferred from a parent to offspring and is held to determine some characteristic of the offspring  
9. Traits that are expressed or seen when a heterozygous genotype is present  
10. The gene combination that might result from a genetic cross can be determined by drawing a diagram  
12. The likelihood that a particular event will occur  
13. Organisms that have different alleles for the same trait

15. A specific characteristic that varies from one individual to another

17. Produced by F1 parent are shown along the top and left side

18. Producing offspring identical to themselves

## Down

1. Organisms that have two identical alleles for a particular trait

2. A trait that can be carried but not show up

3. The reappearance of the trait controlled by recessive allele indicated that at some point the allele for shortness had been separated

5. The scientific study of heredity  
7. Process during sexual reproduction, sperm and egg cells join

8. Physical characteristics

11. The transmission of characteristics from parents to offspring

14. The offspring of crosses between two parents with different traits

16. The different forms of a gene