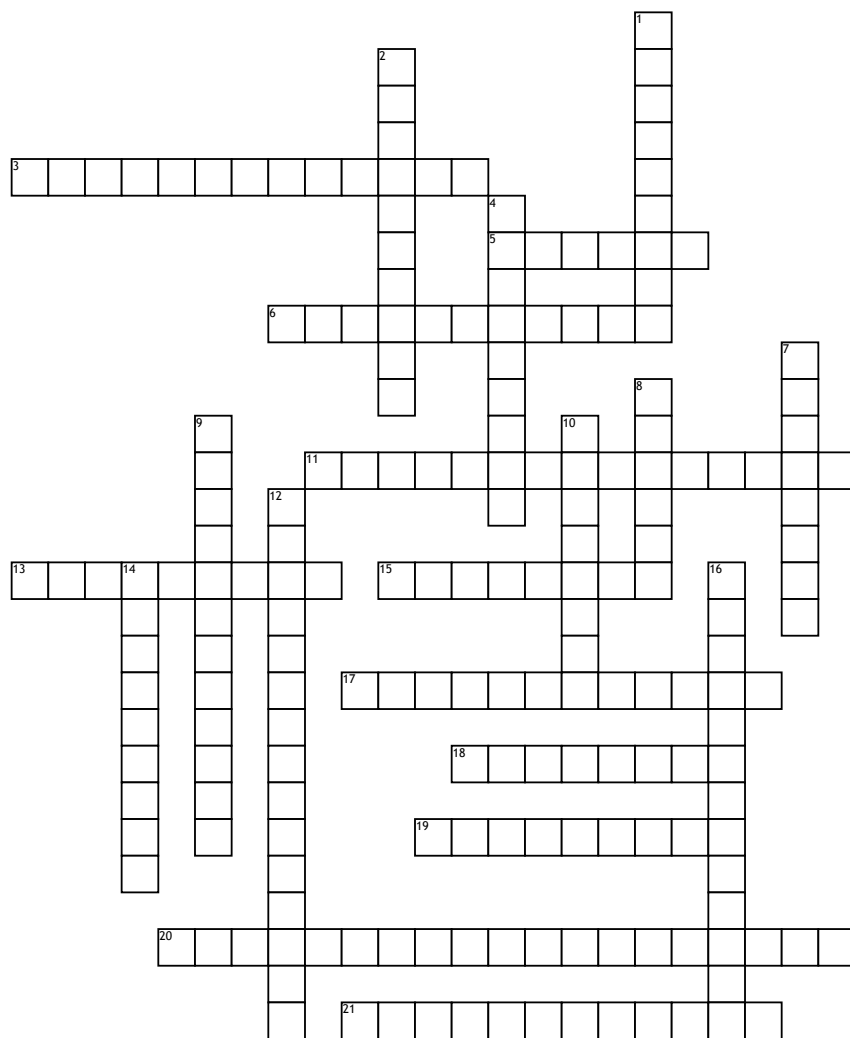


Name: \_\_\_\_\_ Date: \_\_\_\_\_

# Genetics Crossword Puzzle



## Across

3. A mating experience between two organisms that are identically hybrid for two traits  
 5. Offspring of two different true breeding varieties  
 6. Inheritance in which both dominant alleles are expressed at the same time  
 11. Three or more alleles of a gene are present  
 13. Young born of living organisms produced by one or two organisms  
 15. Designating the generation of organisms from which hybrid offspring are produced  
 17. Parents pass down a specific phenotypic trait to their offspring

18. Expressed in a person who has only one copy of that gene

19. A genetic cross between a homozygous recessive individual and a corresponding suspected heterozygote to determine the genotype of the latter

20. Inheritance in which the dominate alleles are only partially expressed and usually resulting in an offspring with an intermediate phenotype

21. The man who discovered the rules of inheritance

## Down

1. Only two copies of the gene are present  
 2. An organism has two identical alleles for a trait

4. Physical appearance of the trait

7. The offspring of many generations that have the same traits

8. Relating to a generation following the parental generation

9. An organism has two different alleles for a trait

10. The genetic makeup for the trait and includes both alleles in a homologous pair

12. One parent having two dominant alleles and the other two recessive

14. Genes that are in the sex chromosomes

16. Square diagram that is used to predict the genotype of a particular cross

## Word Bank

Genotype  
 Dominant  
 Monohybrid cross  
 True breeding  
 Punnett square  
 Recessive

Hybrid  
 Incomplete dominance  
 Phenotype  
 Sex-linked  
 Purebred

Parental  
 Offspring  
 Heterozygous  
 Codominance  
 Dihybrid cross

Gregor Mendel  
 Homozygous  
 Filial  
 Testcross  
 Multiple alleles