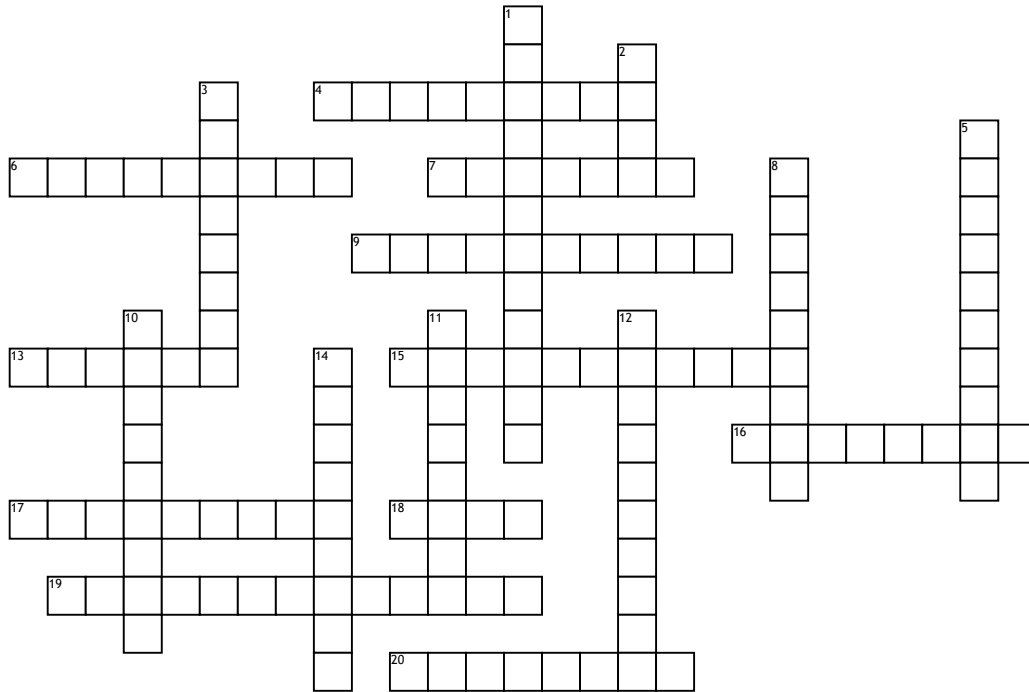


Name: _____

Classical Genetics Crossword Period 3



Across

- 4. An observable trait
- 6. Chromosomes that are associated with X and Y Chromosomes
- 7. A heterozygous person who isn't expressing the trait
- 9. A genotype where the letter designation is the same
- 13. The different forms of a gene (eye color) found in the same place on a chromosome
- 15. A phenotype where both traits share dominance (Red+White=Red&White)

- 16. A cross where the probability of 2 traits are examined
- 17. A gene that can control or block the expression of another
- 18. The type of apple that is a cross between a Gala and Braeburn apples
- 19. A phenotype that is influenced by season change, temperature, nutrition, etc.
- 20. A chart that tracks trait inheritance in families

Down

- 1. A genotype where the letter designation is different

- 2. A segment of DNA That codes for proteins
- 3. A 2 letter code designation for traits on a Punnett Square
- 5. A cross where the probability of 1 trait is examined
- 8. Traits that are produced by 2 or more genes
- 10. Genes that are overpowered by other genes
- 11. Genes that are always expressed when present
- 12. A phenotype where neither trait is completely dominant (Red+White=Pink)
- 14. Chromosomes that are associated with the Body

Word Bank

- | | | | | |
|---------------|-------------|------------|-----------|-----------|
| Heterozygous | Jazz | Allele | Recessive | Carrier |
| Polygenic | Homozygous | Sex Linked | Pedigree | Phenotype |
| Monohybrid | Dihybrid | Gene | Genotype | Dominant |
| Environmental | Codominance | Incomplete | Epistasis | Autosomal |