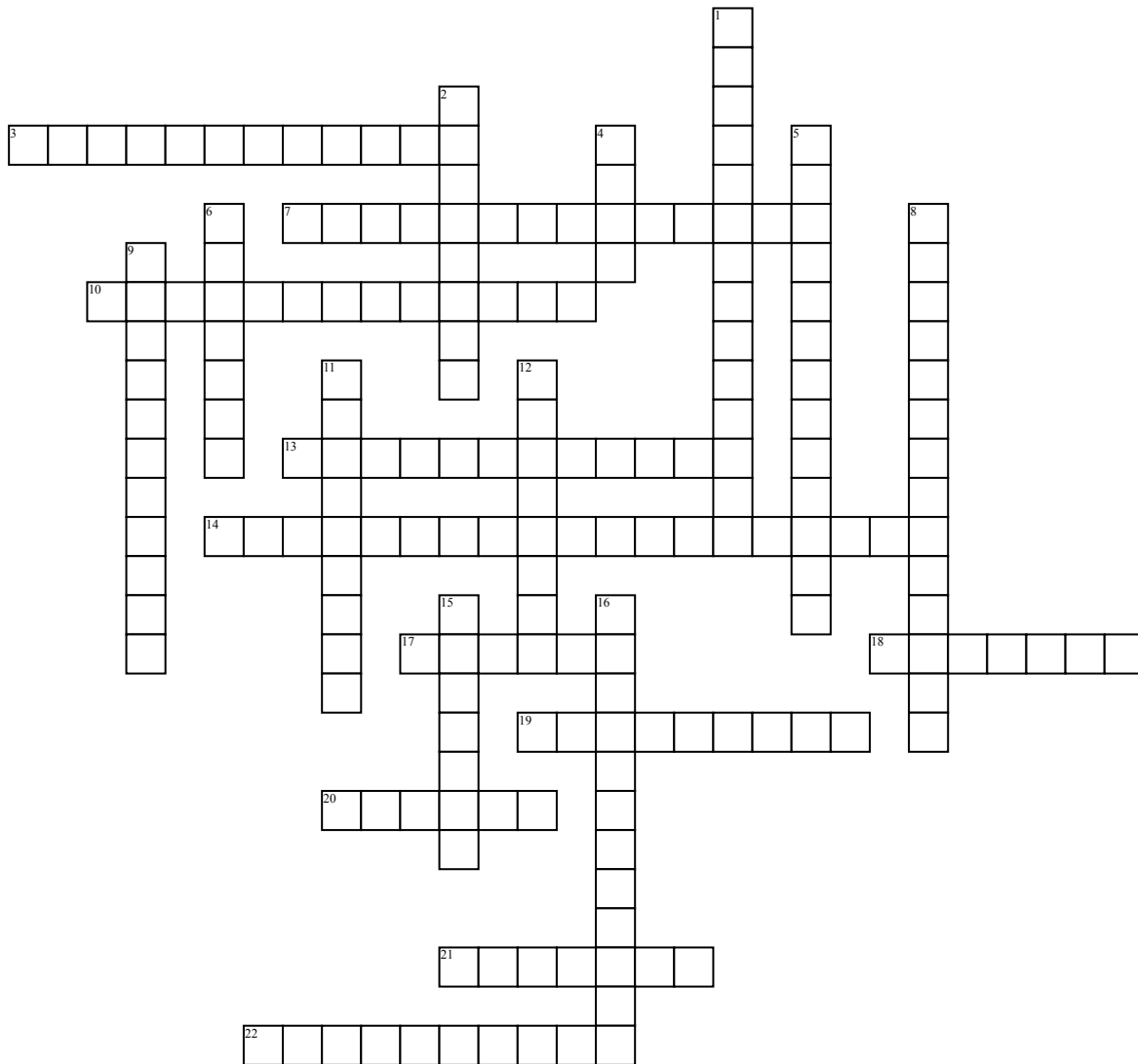


Genetics Unit



Across

- 3. trisomy 21
- 7. failure of chromosomes to separate
- 10. trait that appears over a recessive form when both are present
- 13. occurs in prophase 1 of meiosis; genes are exchanged between two chromosomes
- 14. neither allele is completely dominant over the other
- 17. sex cell
- 18. cell that contains only one copy of a chromosome set

- 19. physical appearance of a trait
 - 20. alternative form of a gene located at a specific point on a chromosome
 - 21. cells with pairs of homologous chromosomes
 - 22. two identical alleles
- Down**
- 1. trait carried on X chromosome
 - 2. graphic diagram showing a relationship within a family
 - 4. segment of repeating nucleotides in DNA that code for a trait

- 5. diagram or chart used to predict outcome of certain pair of mating individuals
- 6. process of making gametes; occurs in two different phases
- 8. trait that does not appear unless dominant trait is absent
- 9. both alleles show dominance in true form
- 11. pictographic spread of an individuals chromosomes grouped in homologous pairs
- 12. genetic makeup of a trait
- 15. individual who has an allele for a recessive trait
- 16. two non identical alleles