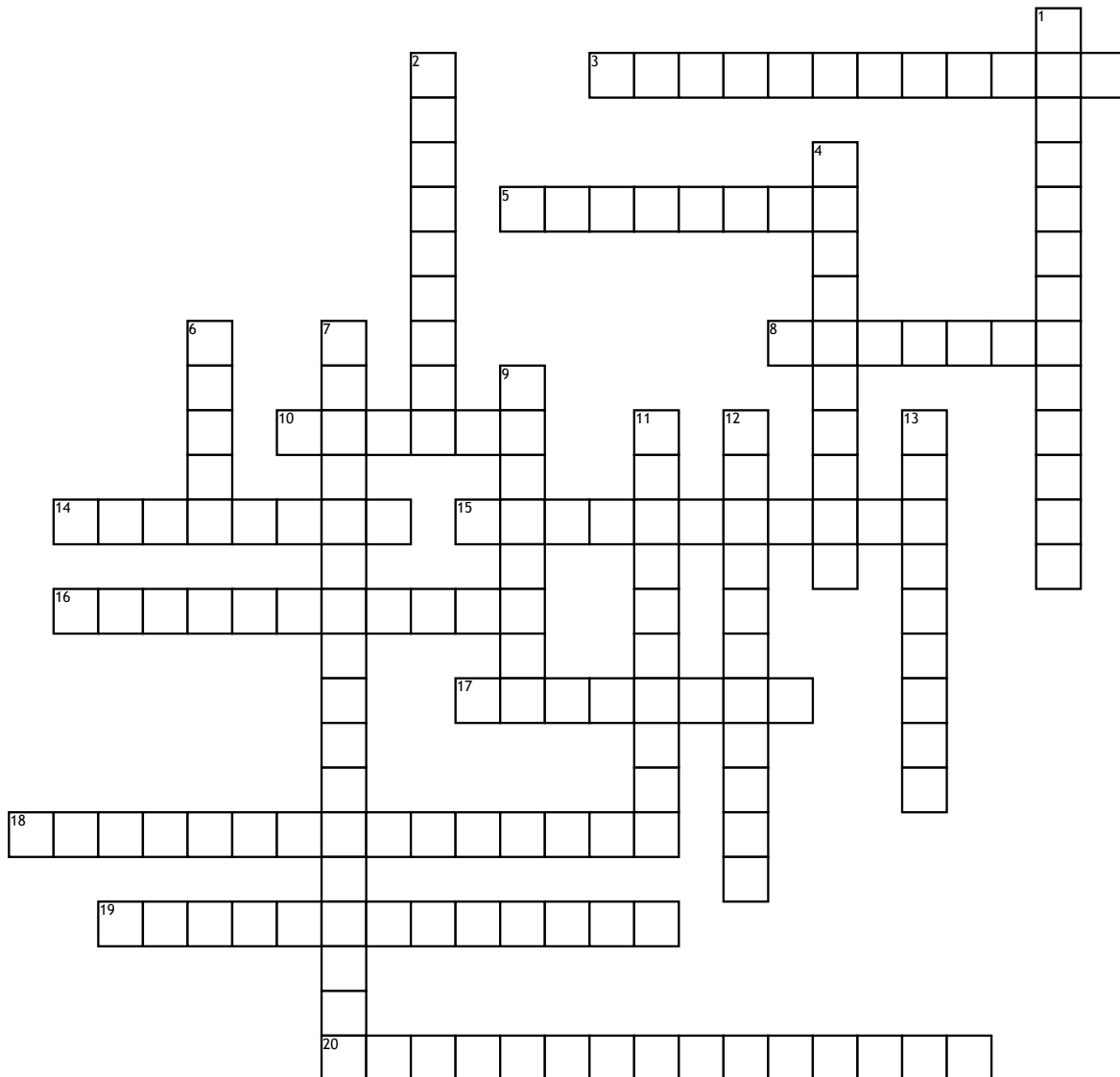


Name: \_\_\_\_\_

# Genetics Crossword Puzzle



## Across

- 3. Different alleles for a single trait
- 5. A change in a gene or chromosome
- 8. The process that produces 4 sex cells
- 10. Factors that control a trait
- 14. The science behind heredity
- 15. When two alleles are equal and present in both the phenotype and genotype of an organism
- 16. The chance of something occurring

17. A chart that tracks which members of a family have a particular trait

18. A trait controlled by three or more alleles is said to have \_\_\_\_\_

19. Breeding two individuals with different traits

20. A genetic problem caused by an issue in an organism's genes

## Down

1. A chart that shows all the possible combinations of two genotypes

2. A picture of all the chromosomes in a cell

4. Breeding two individuals with similar traits

6. An organism that has the same genes as the organism it was produced from

7. Choosing two organisms with desired traits to be bred

9. A person's genetic makeup

11. Same alleles for a single trait

12. Moving healthy genes into cells to replace missing or abnormal genes in order to correct a genetic disorder

13. A person's physical appearance