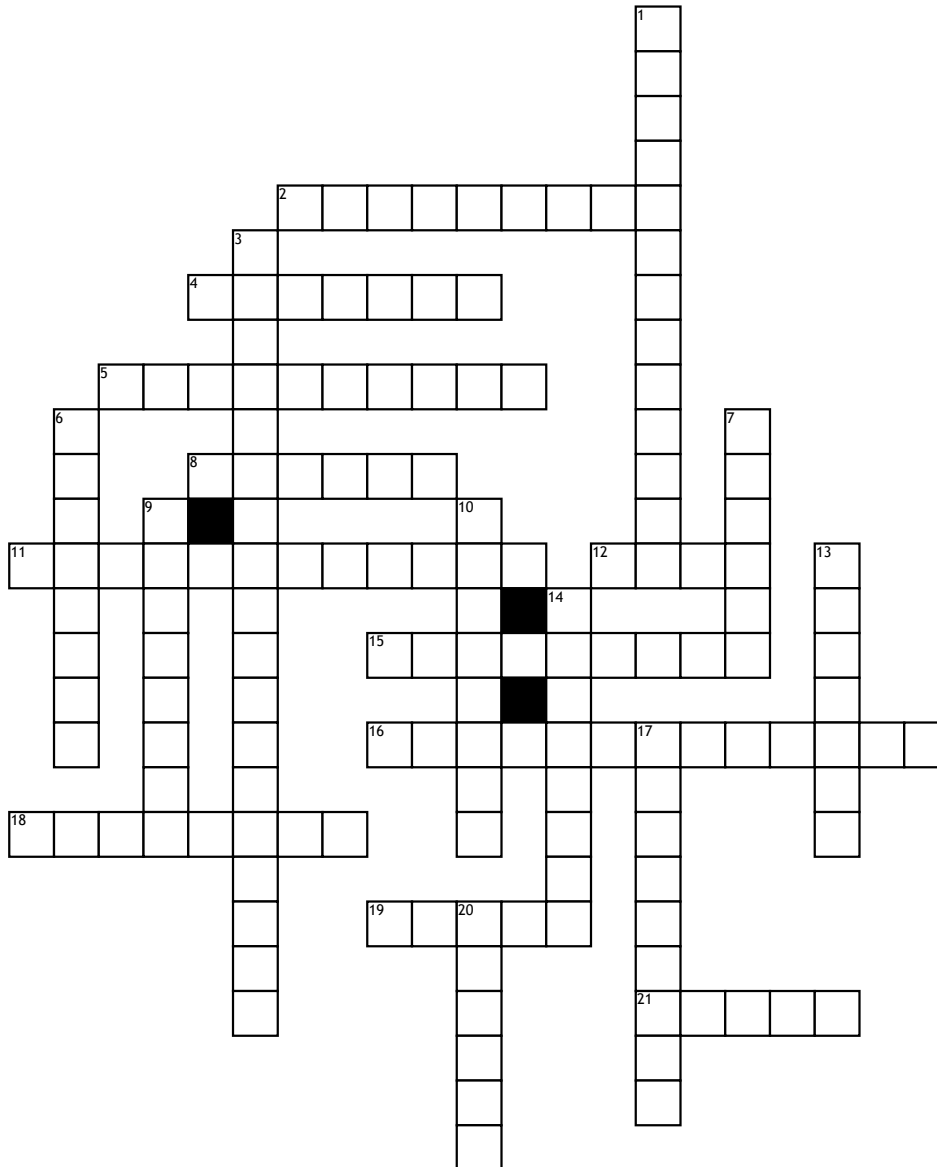


Name: \_\_\_\_\_

# Genetics 1



## Across

2. The trait that is dominated by another trait
4. The scientific name of a body cell.
5. Alleles that are exactly the same (BB or bb)
8. Organisms that inherit two different alleles for a trait
11. Alleles that are different (Bb)
12. Codes for a trait. Each cell has two copies. A segment of DNA on a chromosome that codes for a specific trait.
15. The physical appearance that is determined by the genes, An organism's physical appearance, or visible traits.

16. The process during sexual reproduction when male and female cells join
18. The passing of a trait from parent to offspring
19. What is the characteristic of an organism, such as body, shape or what they eat?
21. A specific characteristic, such as seed colour or plant height, that varies from one individual to another

## Down

1. A chart that shows all the possible combinations of alleles that can result from a genetic cross.
3. The genotype TT represents what?

6. The study of how traits are inherited through the use of alleles
7. The scientific name of a sex cell.
9. The make-up of an organism that is represented by alleles
10. An organism that has two matching alleles for a trait
13. The offspring of crosses between parents with different traits
14. A form of an allele whose trait always shows up if it is present
17. A trait that is passed down from parent to offspring
20. Different forms of a gene. Each gene has two.