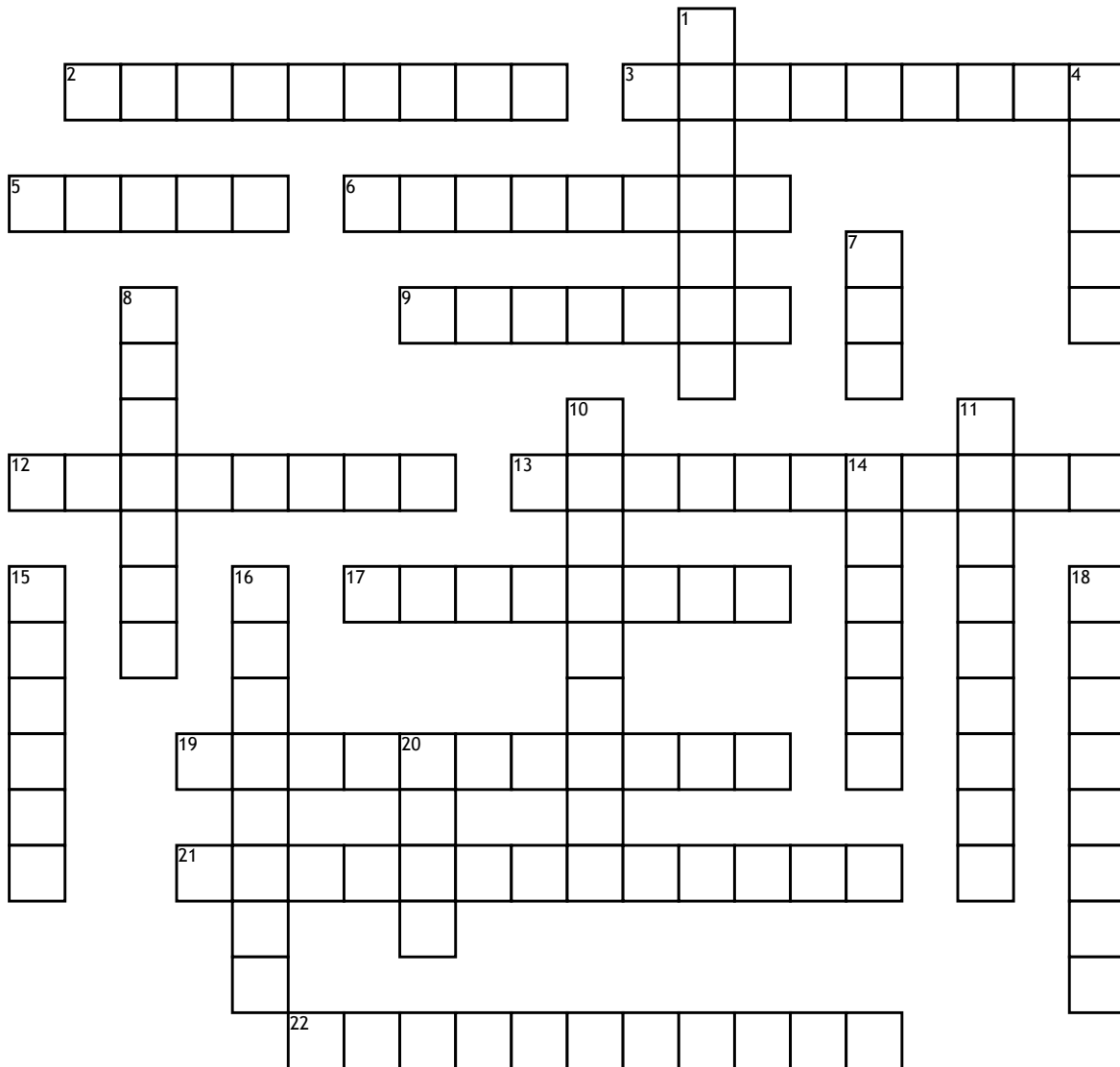


Name: _____

Date: _____

Genetics



Across

- 2. when a trait is passed on sex chromosomes it is called this
- 3. changes in DNA
- 5. Watson and _____
- 6. appearance is caused by
- 9. The nucleotide base that pairs with adenine
- 12. the man who discovered that the amount of A matches the amount of T in a DNA strand
- 13. Each human body cell contains 23 pairs of these
- 17. the nucleotide's full name that starts with "C"

- 19. When two dominant traits are expressed together

- 21. The new DNA strand that is created using matching bases
- 22. the shape of DNA

Down

- 1. pairs with cytosine
- 4. the sweet part of a nucleotide
- 7. deoxyribonucleic acid
- 8. a physical or chemical agent that causes damage to DNA
- 10. part of a nucleotide located on the sides of the ladder shape

- 11. A group of three bases makes up the code for this
- 14. Rosalind Franklin drew pictures of DNA in this shape
- 15. The sex of a person with XX sex chromosome pairing
- 16. a small organelle in cells where proteins are made from amino acids
- 18. A map that keeps track of genetic diseases in a family
- 20. The sex of a person with 22 pairs of matched chromosomes