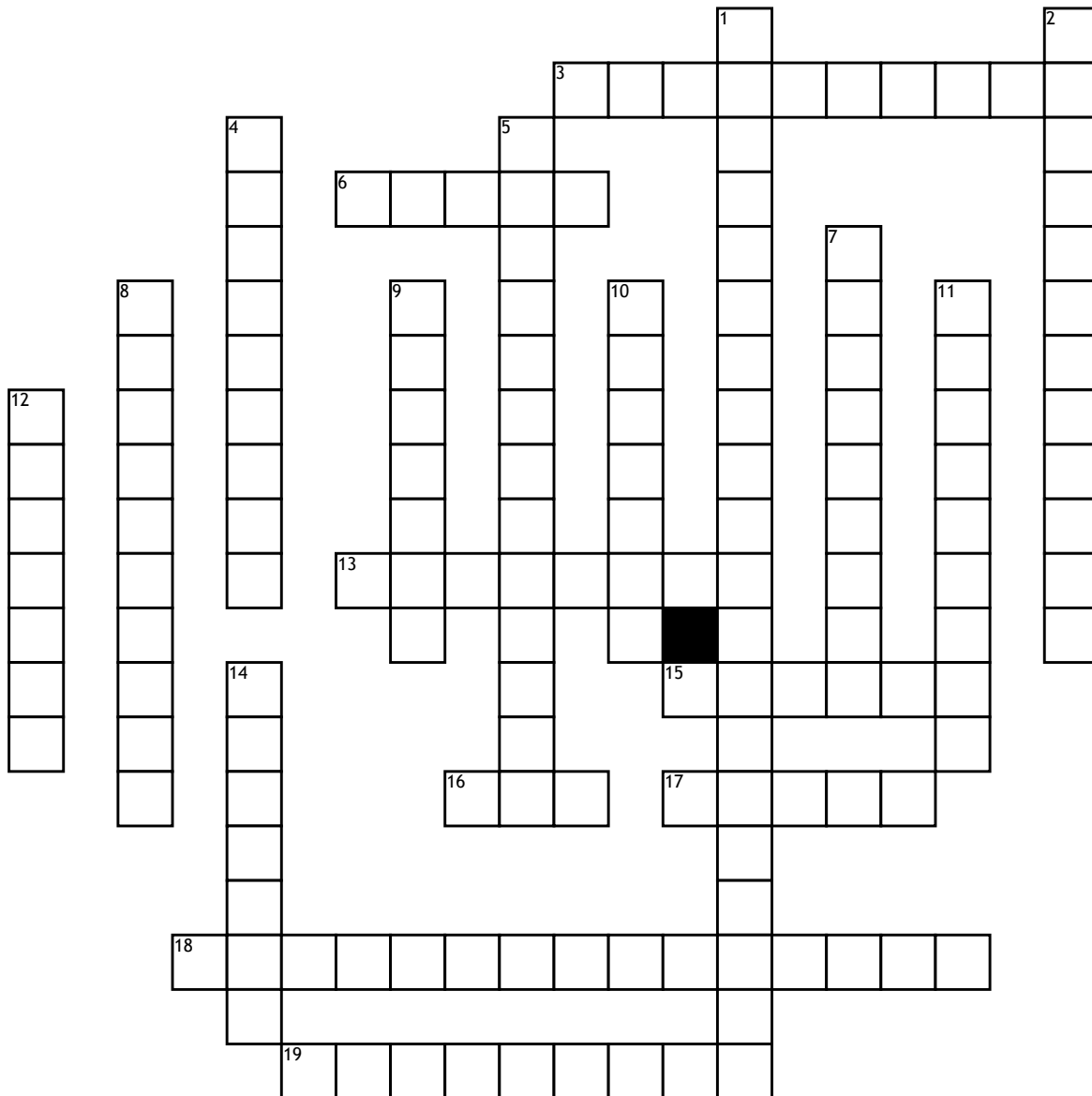


Name: _____

Date: _____

Traits and Reproduction



Across

3. A long piece of DNA that contains many genes?

6. These things provide instructions for building protein molecules

13. A random change to a gene that sometimes results in a new trait

15. A specific form of a gene that provides instructions for making a particular protein molecule

16. A type of molecule that genes and chromosomes are made of

17. A specific characteristic of an individual organism

18. What is a large that performs important functions inside organisms?

19. Any difference in traits between individual organisms

Down

1. A protein molecule that does not perform its function often because it does not connect to other proteins

2. Gene versions that are different?

4. An organism produced as a result of reproduction

5. When a male and a female reproductive cell combine to create an offspring

7. The way something is shaped or created

8. Gene versions that are the same?

9. Genes are located on chromosomes inside the cell's....?

10. To receive genes from a parent

11. The parts of the cell that build protein molecules based on instructions from genes

12. The part of a cell where genes are found

14. A characteristic that all members of a species have