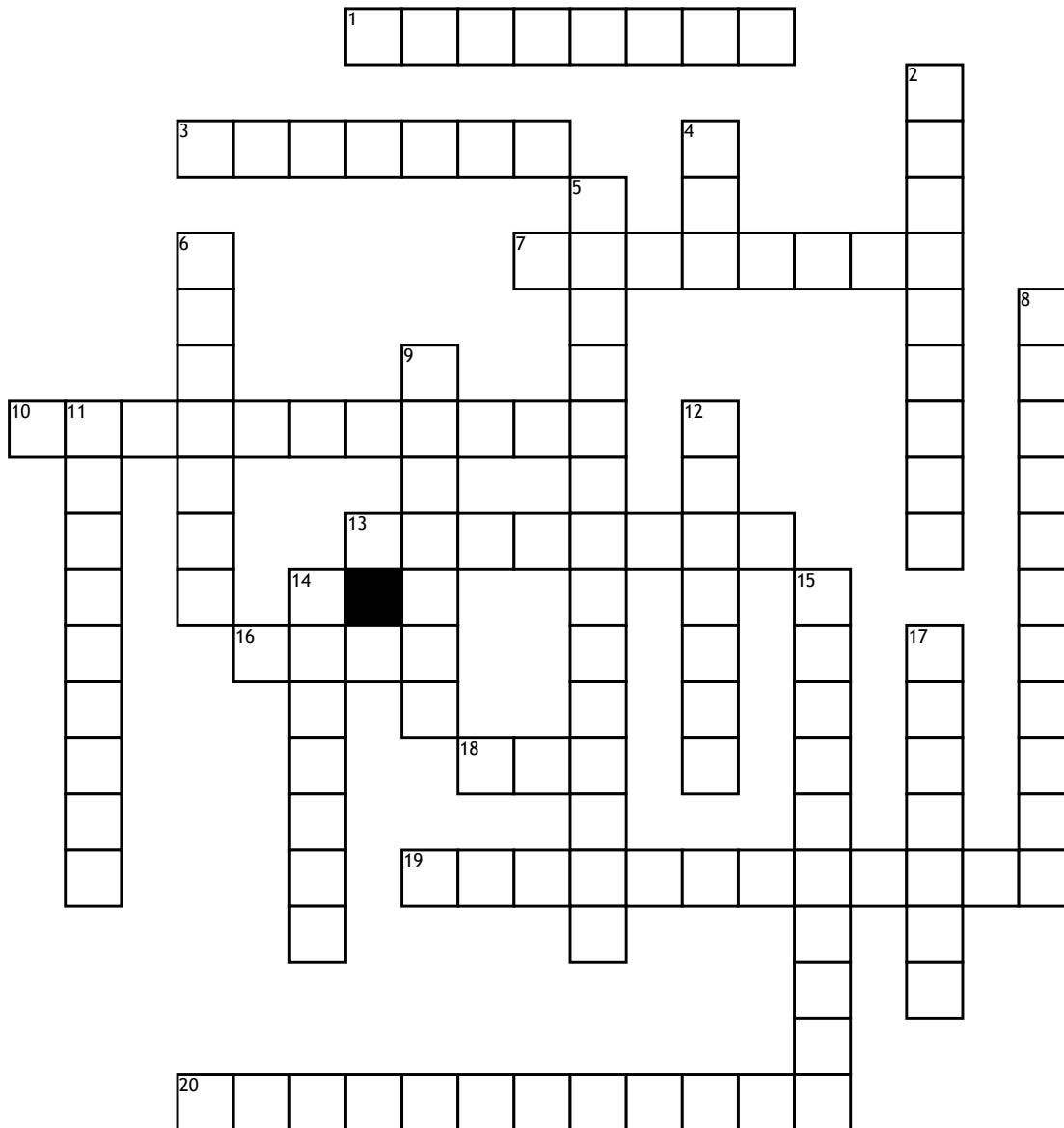


# Genetics and Heredity



## Across

1. long chains of amino acid
3. one of two or more alternative forms of a gene that arise by mutation
7. alteration in the DNA sequence that makes up a gene
10. two different versions of the same gene are present in a living thing
13. chemical makeup of DNA that causes a particular trait
16. a sequence of DNA or RNA that codes for a molecule that has a function

18. double helix carrying genetic instructions

19. dissimilar pairs of genes for any hereditary characteristic

20. body cells

## Down

2. genetic information that describes a visible trait

4. ribonucleic acid

5. diagram that is used to predict the genotypes

6. cell division that results in two daughter cells

8. nucleic acids and protein found in the nucleus of cells

9. reproductive cells

11. the young born of living organisms

12. a cell has two complete sets of chromosomes

14. cell division that results in four daughter cells

15. similar pairs of genes for any hereditary characteristic

17. a cell has one complete set of chromosomes