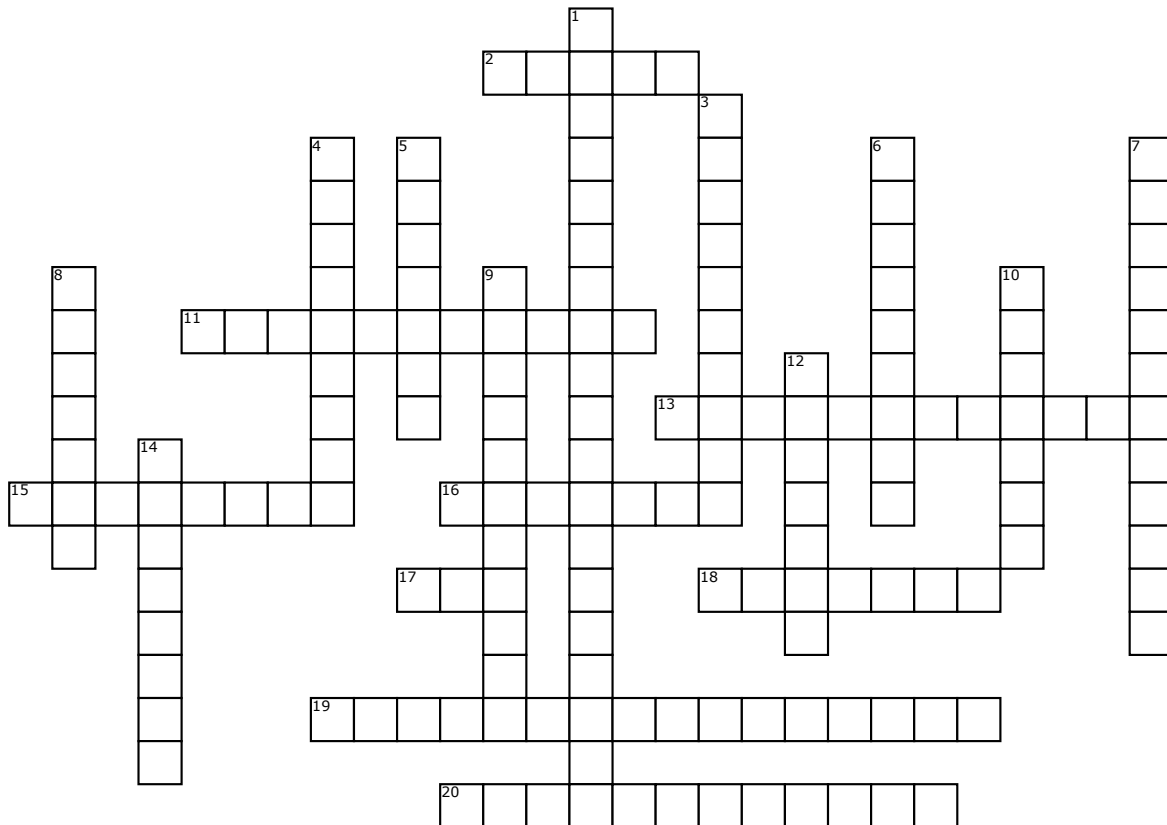


Name: _____

Date: _____

Unit 1: Genetics and Heredity Crossword Puzzle



Across

- 2.** a segment of DNA that codes for a protein, which in turn codes for a trait
- 11.** coiled DNA
- 13.** body cells
- 15.** set of alleles you inherit, usually represented with letters
- 16.** asexual cell division; purpose is for growth and repair; produces 2 identical daughter cells
- 17.** blueprint of life

- 18.** sexual cell division; purpose is to create genetic diversity; creates 4 unique daughter cells
- 19.** how proteins are made within cells/organisms
- 20.** 2 alleles that are different

Down

- 1.** no allele is completely dominant
- 3.** 2 alleles that are the same
- 4.** the trait that arises from the genotype (physical trait)

- 5.** contain 2 sets of chromosomes
- 6.** allele usually represented with a lower case letter
- 7.** calculates probability of a trait appearing in offspring
- 8.** sex cells
- 9.** more than one allele is dominant
- 10.** different versions of genes
- 12.** contain 1 set of chromosomes
- 14.** allele usually represented with a capital letter