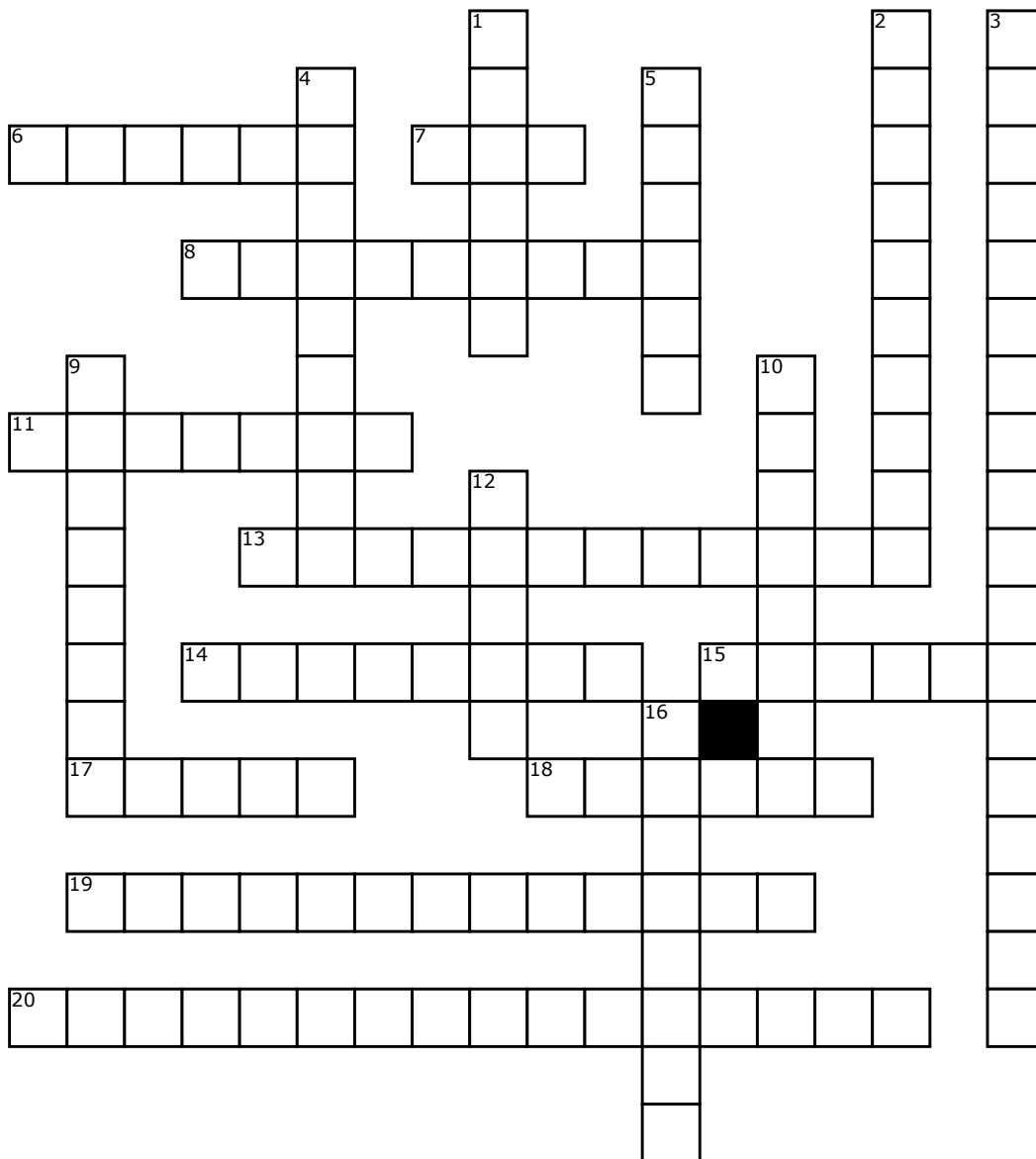


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Genetics CrossWord Puzzle



## **Across**

**6.** alternative forms of a gene for each variation of a trait of an

**7.** haploid female sex cell produced by

**8.** outward appearance of an organism, regardless of its

**11.** type of cell division where one body cell produces for gametes, each containing half the number of chromosomes in a parent's

**13.** when there are two different alleles for a

**14.** passing on of characteristics from parents to

**15.** offspring formed by parents having different forms of a specific

**17.** haploid male sex cells produced by

**18.** transfer of male pollen grains to the pistil of a

**19.** fusion of male and female

**20.** Mendelian principal explaining that because each plant has two different alleles, it can produce two different types of gametes. During fertilization, male and female gametes randomly pair to produce four combinations of

## **Down**

**1.** diploid cell formed when a sperm fertilizes an

**2.** when there are two identical alleles for a

**3.** pattern of reproduction that involves the production of subsequent fusion of haploid

**4.** trait of an organism that can be masked by the dominant form of a

**5.** male and female sex cells, sperm and

**9.** branch of biology that studies

**10.** combination of genes in an

**12.** characteristic that is inherited; can be either dominant or

**16.** observed trait of an organism that mask the recessive form of a