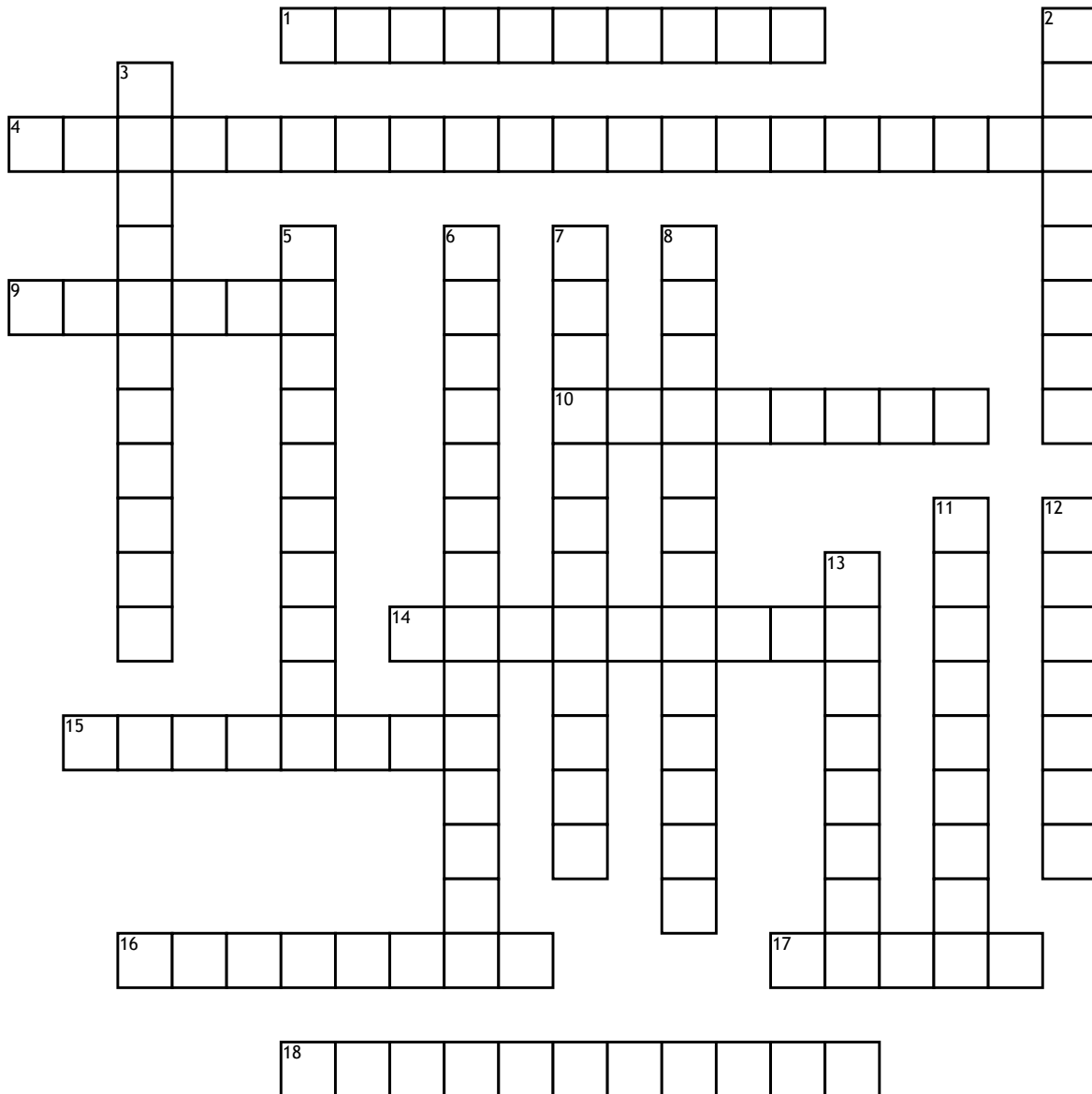


Name: \_\_\_\_\_

# Genetics Vocabulary



## Across

1. An organism that has two identical alleles for a trait (hh, GG, tt)
4. the full name for DNA
9. different forms of a gene
10. study of traits, genes and heredity
14. an allele that is only expressed in the phenotype if there is not a dominant allele in the genotype it is said to be \_\_\_\_\_
15. An allele or a gene that is expressed in an organism's phenotype, masking the effect of the recessive allele or gene when present

16. Passing of traits from parents to offspring
  17. segments of DNA on chromosomes that code for specific traits
  18. A number with a value from 0 to 1 that describes the likelihood that an event will occur.
- ## Down
2. a chart or "family tree" that tracks which members of a family have a particular trait
  3. the structure of DNA (2 words)
  5. one step in the line of descent of a family

6. trait shown in phenotype (2 words)
7. father of genetics (2 words)
8. A chart used to show all the ways genes from two parents can combine and be passed to offspring; used to predict all possible genotypes. (2 words)
11. An individual's observable trait (brown hair, blue eyes, etc...)
12. the part of the cell where DNA is found
13. Allele make-up of a person; you cannot see this (ex: PP or Pp or pp)