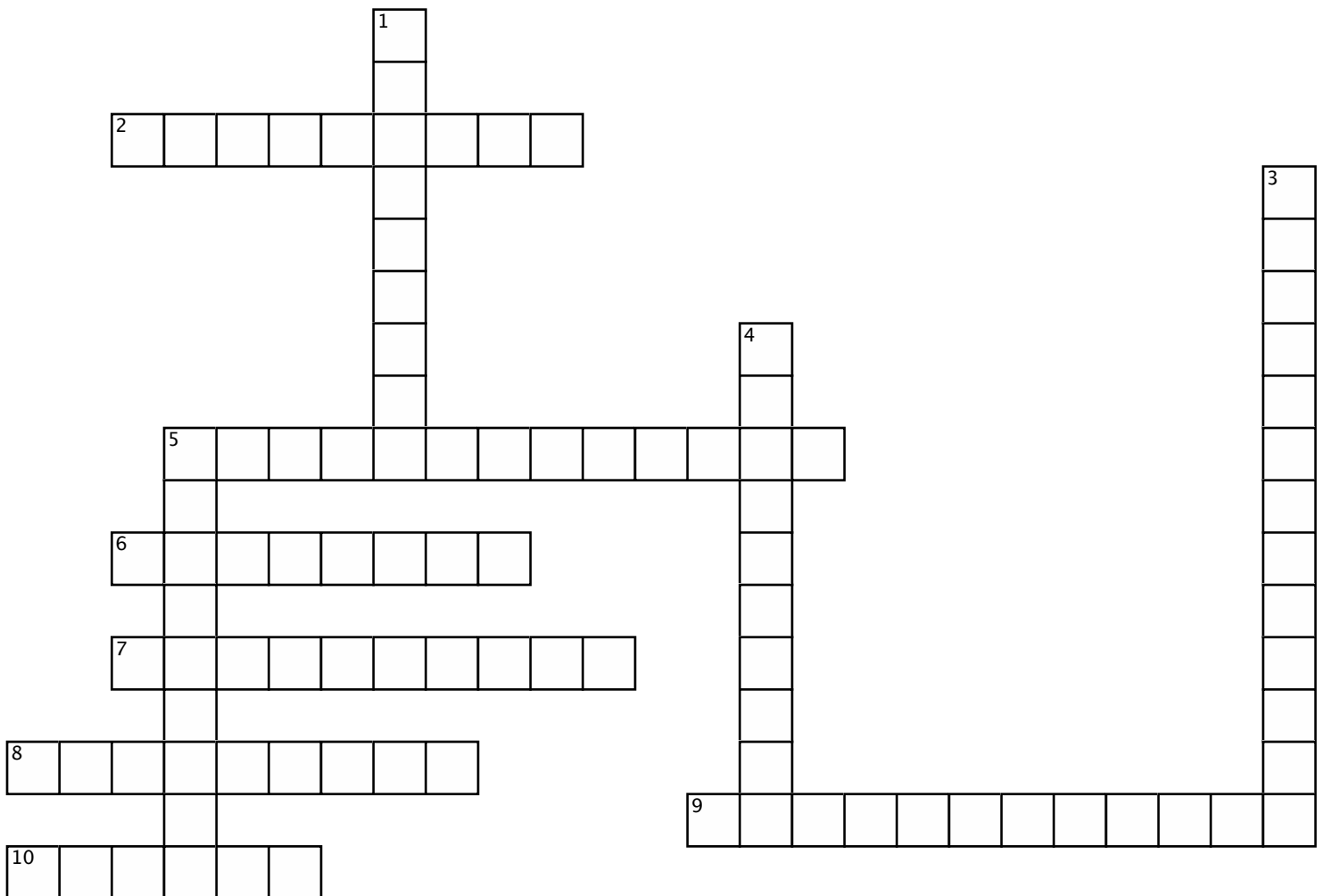


Understanding Inheritance: Mendel, Method and Mapping

Name _____
Date _____



Across

2. regions where paired homologous chromosomes exchange genetic material during meiosis
5. a two-dimensional grid used to determine the possible zygotes obtainable from a mating
6. the entire genetic identity of an individual, including alleles, or gene forms, that do not show as outward characteristics
7. having two identical forms of a gene
8. phenotypic trait whose expression is controlled by, or associated with, more than one gene
9. having two different forms of a gene
10. any of two or more alternative forms of a gene that occupy the same locus on a chromosome

Down

1. the law of _____ explains why traits are not blended
3. identifying markers on blood cells
4. one of a number of long strands of DNA and associated proteins present in the nucleus of every cell
5. the observable characteristics of an individual