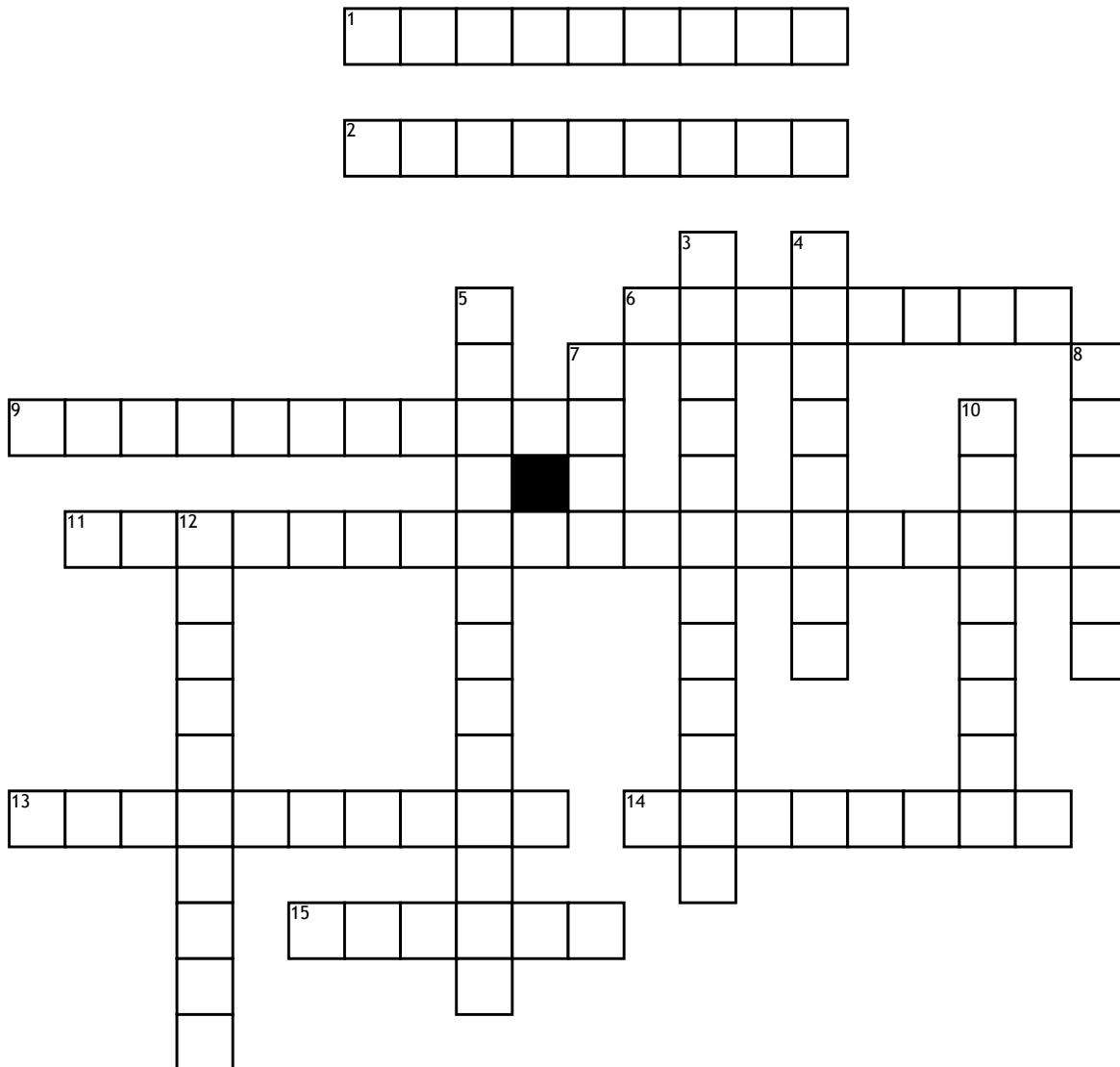


Name: _____

Date: _____

Genetics



Across

1. a gene or allele that is "shown" in the offspring
2. the physical characteristics in an organism
6. passing on of characteristics from parents to offspring
9. when both inherited alleles are expressed
11. when no allele in a genotype is masked

13. having 2 of the same alleles for a trait
14. also known as homozygous. consists of genes pairs that are the same
15. also called heterozygous. Consists of gene pairs that are different

Down

3. having two different alleles for a trait
4. branch of biology that studies heredity

5. a tool used to show all possible outcomes of traits for offspring from one pair of parents
7. segment of DNA coding for a certain trait
8. available forms of a gene
10. the allele make-up. Made up of 2 alleles and represented by letters
12. a structure in the nucleus that contains hereditary material