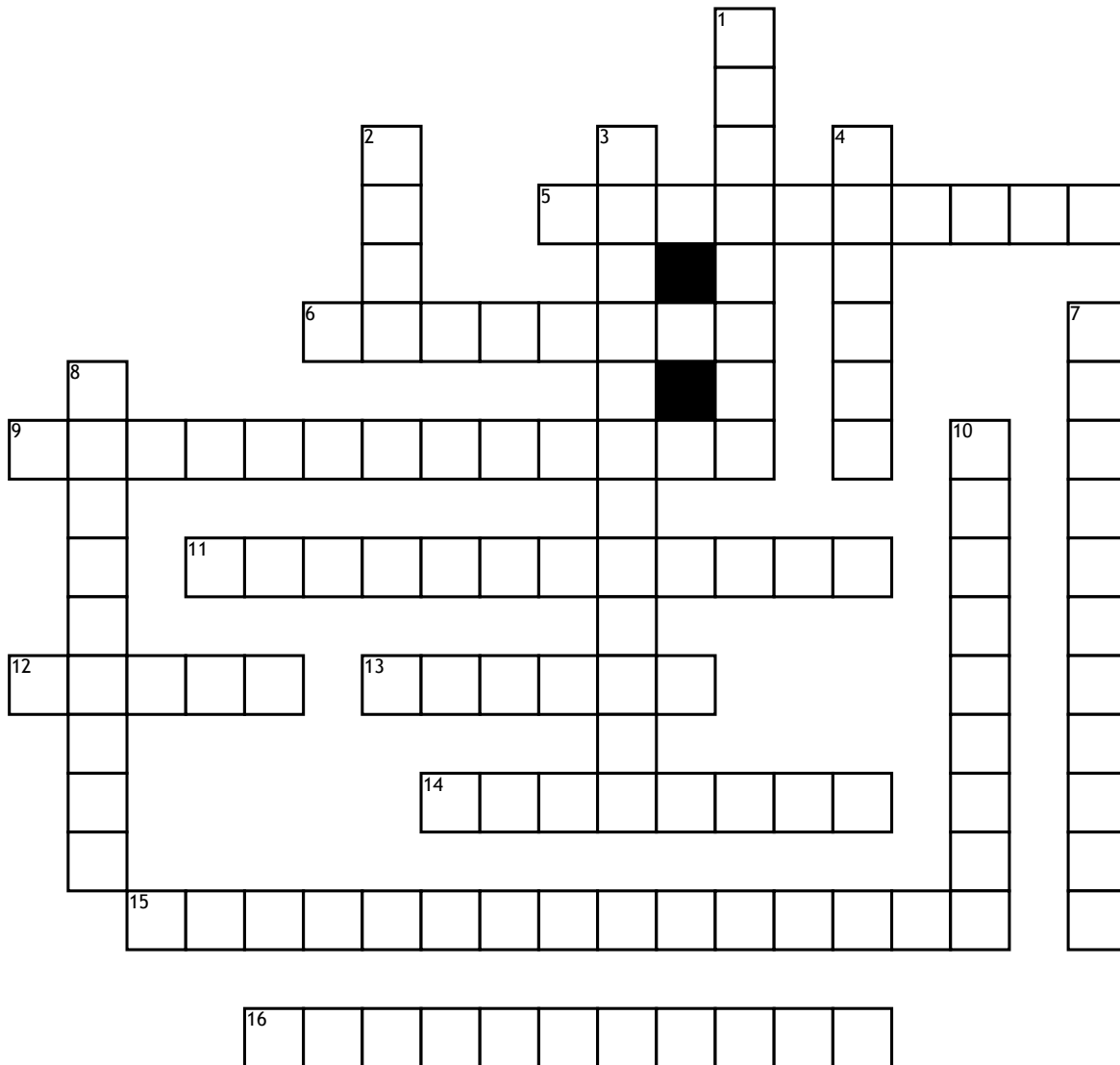


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# science 8 vocab



## Across

5. homozygous having two identical alleles for a trait  
 6. the passing of traits from parents to offspring  
 9. a chart that shows all the possible combinations of alleles that can result from a genetic cross  
 11. formed foundation of genetics  
 12. a characteristic that an organism can pass on to it's offspring through its genes.

13. the different form of a gene

14. the scientific study of heredity

15. an allele that is masked when a dominant allele is present

16. the likelihood that a particular event will occur

## Down

1. an organism's genetic makeup or allele combinations

2. a segment of DNA on a chromosome that codes for a specific trait

3. an allele whose trait always shows up in the organism when the allele is present

4. an organism that has two different alleles for a trait; an organism that is heterozygous for a particular trait

7. a condition in which neither of two alleles of a gene is dominant or recessive

8. an organism that always produces offspring with the same form of a trait as the parent

10. an organism's physical appearance, or visible traits