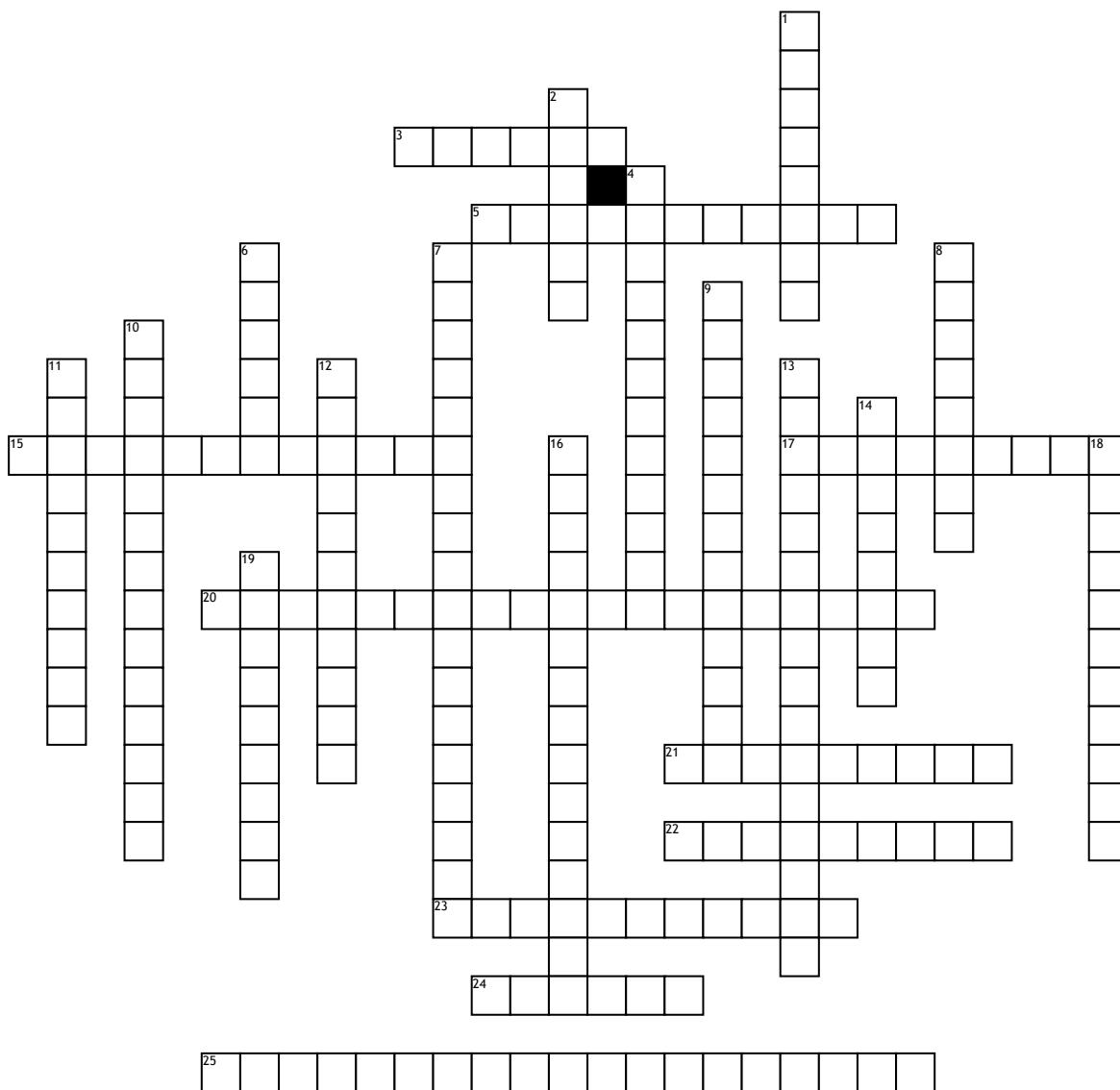


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Words to Know: Algebra II



## Across

3. a unit of angle measure based on arc length  
 5. an arrangement of a group of objects in which order is important  
 15. a sample that does not fairly represent the population  
 17. a number that describes a sample  
 20. an equation that contains a logarithm of a variable  
 21. a polynomial with three terms  
 22. if  $n$  is a positive integer, then  $n$  factorial, written  $n!$   
 23. the trends in the  $y$ -values of a function as the  $x$ -values approach positive and negative infinity  
 24. the indicated sum of the terms of a sequence

25. the input of a function; a variable whose value determines the value of the output, or dependent variable

## Down

1. a polynomial two terms  
 2. a rectangular array of numbers  
 4. an algebraic expression that defines a function  
 6. a survey of an entire population  
 7. a sample in which members volunteer to participate  
 8. a number of a product of numbers and variables with whole-number exponents, or a polynomial with one term  
 9. one real number and one imaginary number  
 10. a line that divides a plane figure or a graph into two congruent reflected halves  
 11. a circle with a radius of 1, centered at the origin

12. a selection of a group of objects in which order is not important  
 13. a function whose rule contains absolute-value expressions  
 14. the shape of the graph of a quadratic function  
 16. the square root of a negative number, written in the form  $bi$ , where  $b$  is a real number and  $i$  is the imaginary unit  
 18. in a geometric sequence, the nonzero constant difference of any term and the previous term  
 19. the exponent that a specified base must be raised to in order to get a certain value