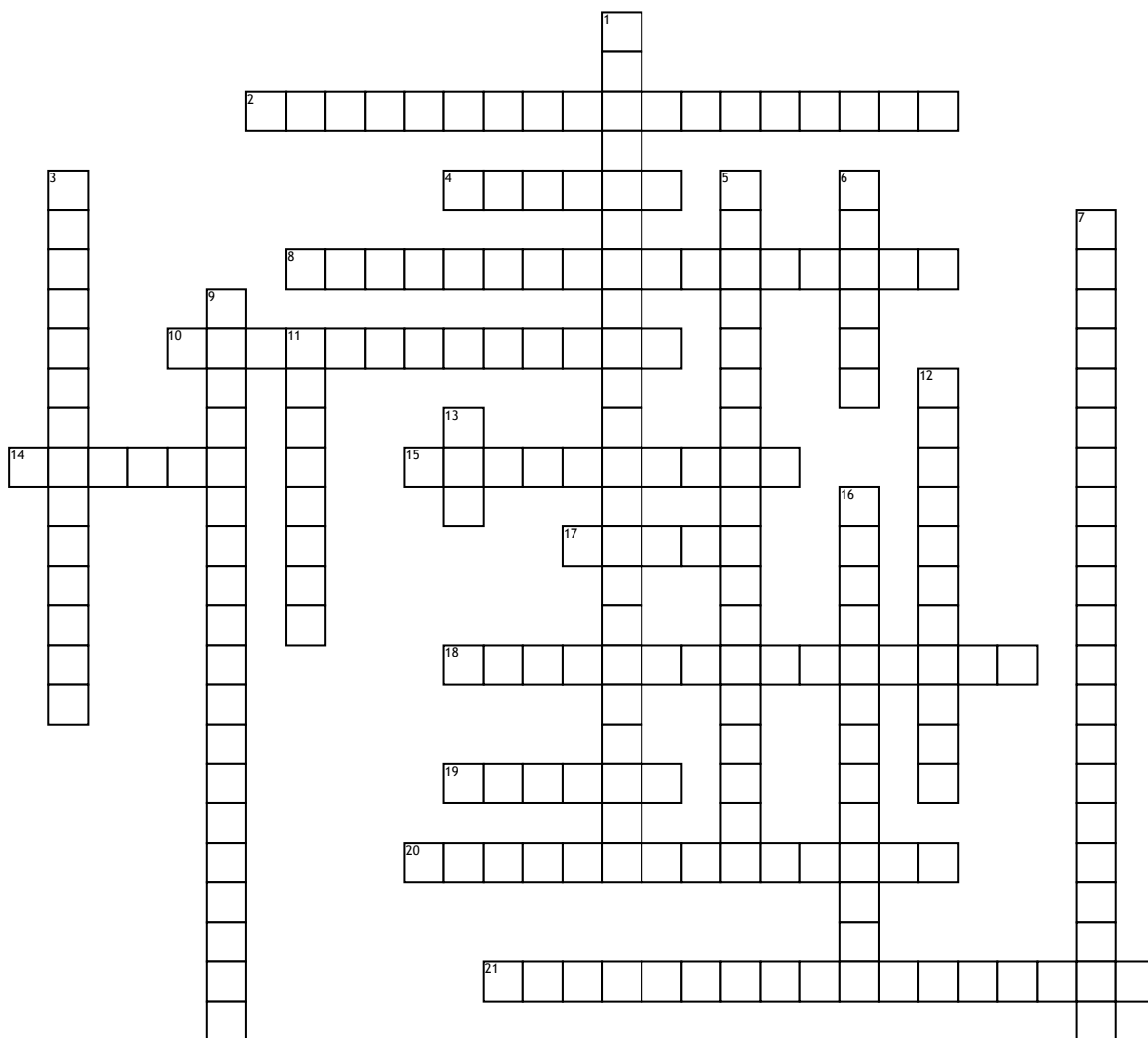


Name: _____

Date: _____

Chapter 1-2 Vocabulary



Across

2. a way to write an interval using symbols to define a set.
 4. a set of two or more equations
 8. a transformation that causes the graph of a function to stretch away from the y-axis when all the x-coordinates are multiplied by a factor a , where $0 < a < 1$
 10. a line that lies as close as possible to all of the data points in a scatter plot
 14. The best Algebra II teacher at Fairfield High School
 15. a transformation that flips a graph over a line of reflection
 17. According to many, he is always the answer

18. a transformation that causes the graph of a function to stretch away from the x-axis when all the y-coordinates are multiplied by a factor a , where $a > 1$
 19. when all the members of a set are also members of another set
 20. the most basic function in a family of functions
 21. the absolute value of the difference of a number x and a given value

Down

1. a number " r " from -1 to 1 that measures how well a line fits a set of data pairs (x,y)
 3. a change in the size, shape, position, or orientation of a graph
 5. an apparent solution that must be rejected because it does not satisfy the original equations

6. a rectangular array of numbers
 7. a function that contains an absolute value expression
 9. an $m \times n$ matrix has m rows and n columns
 11. the numbers in a matrix
 12. a transformation that shifts a graph horizontally and/or vertically but does not change its size, shape, or orientation
 13. A collection of objects
 16. a solution of a system of three linear equations