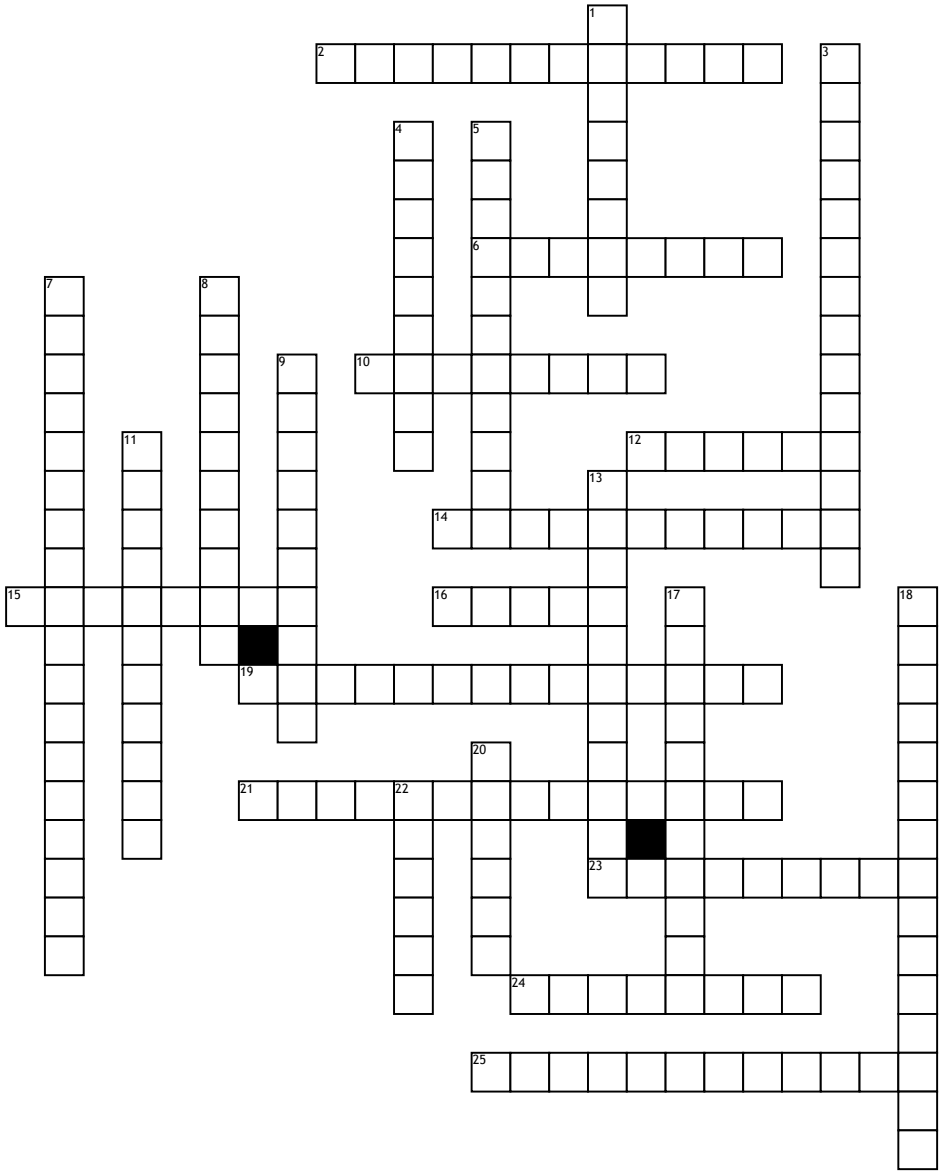
Name: _____ Date: _____ Period: _____

Math Criss Cross Puzzle



Across

2. the value of the expression b^2 - 4ac for a quadratic equation
6. a set of ordered pairs
10. the shape of the graph of a quadratic function
12. the highest power found in a polynomial
14. the directions of a graph as you move away from the origin
15. quantity whose value does not change
16. ratio of vertical change to horizontal change in a non-vertical line; change in y over change in x
19. the real numbers AND the imaginary numbers
21. a change made to the values of a function which translates, reflects, rotates or dilates a graph of the function
23. a polynomial of three terms
24. a relation in which each element in the domain corresponds with exactly one element in the range
25. a point where the graph of a function changes direction

Down

1. a polynomial of two terms
3. the line that divides a figure into two parts that are mirror images
4. number pairs where the sign of the radicals or the imaginary numbers are opposites
5. the strength of a relationship between two data sets
7. the coefficient of the term of highest degree in a polynomial
8. an expression consisting of the sum of one or more terms in which each is the product of a constant and a variable raised to an integer power
9. flip of a graph across an axis or a line
11. the shift of a graph of a function horizontally, vertically or both
13. in a square matrix it is a real number describing the matrix determined by ad - bc in a 2x2 matrix
17. the numerical factor in a term
18. multiplication of all y-values of a function by a factor greater than 1
20. the set of all inputs in a relation (usually x)
22. a set of two or more equations using the same variables

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