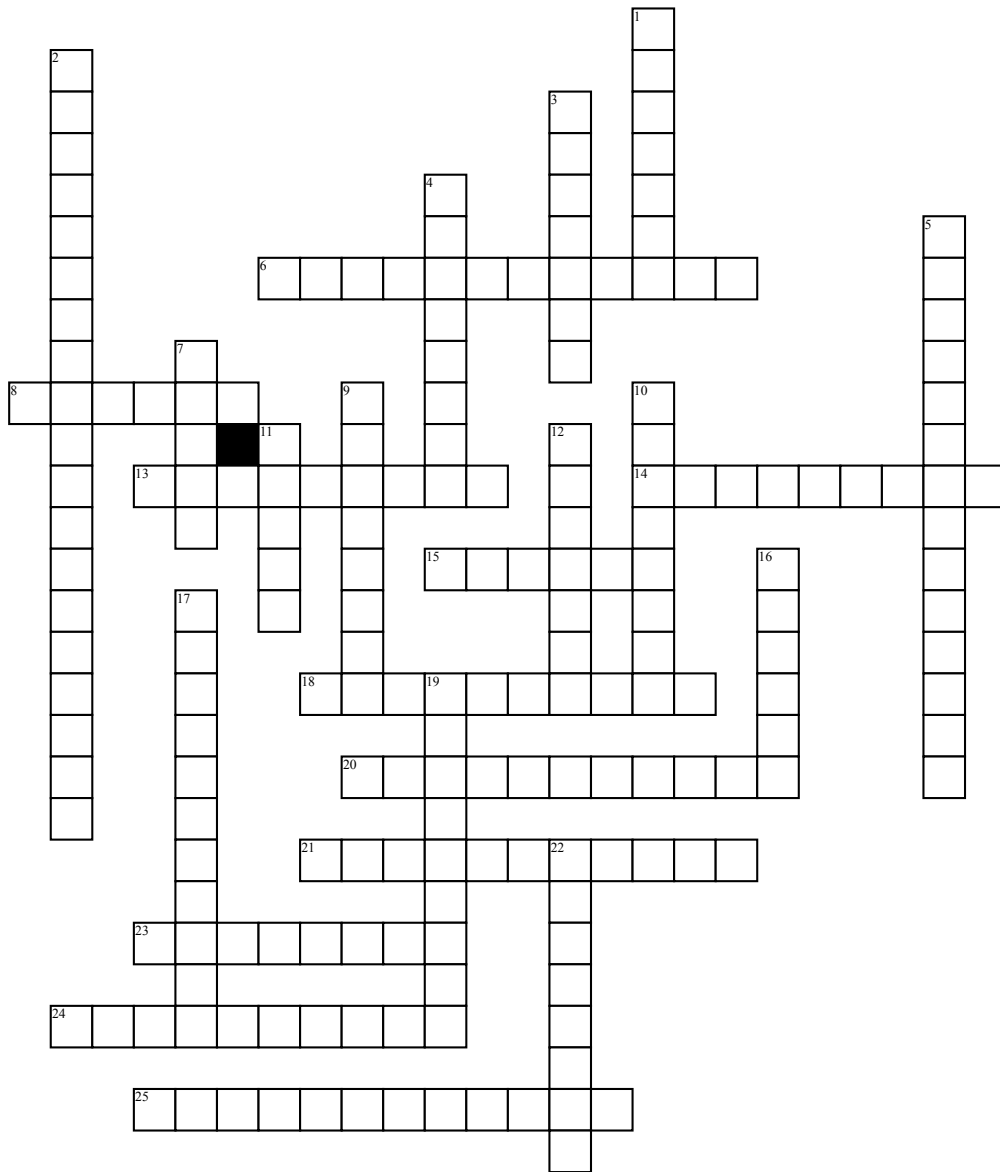


# Important Algebraic Terms



**Across**

- 6. The expression  $b^2 - 4ac$  in the quadratic functions
- 8. The point where the graph changes direction
- 13. This type of function does not have a constant rate of change and whose graph is not a line
- 14. This type of function is represented by a combination of equations, each corresponding to a part of the domain
- 15. The middle number of a numerical data sets when the values are written in numerical order
- 18. A mathematical sentence that compares expressions
- 20. A transformation that shifts a graph horizontally and/or vertically
- 21. A graph used to determine whether there is a relationship between the paired data

- 23. A polynomial with two terms
- 24. A polynomial with three terms
- 25. To perform this method solve one of the equations for one of the variables and substitute the solved expression to the other expressions

**Down**

- 1. A literal equation that shows how one variable is related to one or more other variables
- 2. A ratio of polynomial expressions
- 3. A data value that is much greater than or much less than the other values in a data set
- 4. The U-Shaped graph of a quadratic function
- 5. The vertical line that divides a parabola into two symmetric parts
- 7. All possible solutions of the equations
- 9. A rule that establishes a relationship between two quantities called the input and output

- 10. a quantity representing the power to which a given number or expression is to be raised
- 11. The ratio of vertical (rise) to horizontal change (run)
- 12. An expression of the form  $\sqrt{\quad}$
- 16. The set of all possible input values of a function
- 17. The relationship between the paired data
- 19. Values of a box-and-whisker plot that divide a data set into four equal parts
- 22. Is a mapping, or pairing, of input values with output values