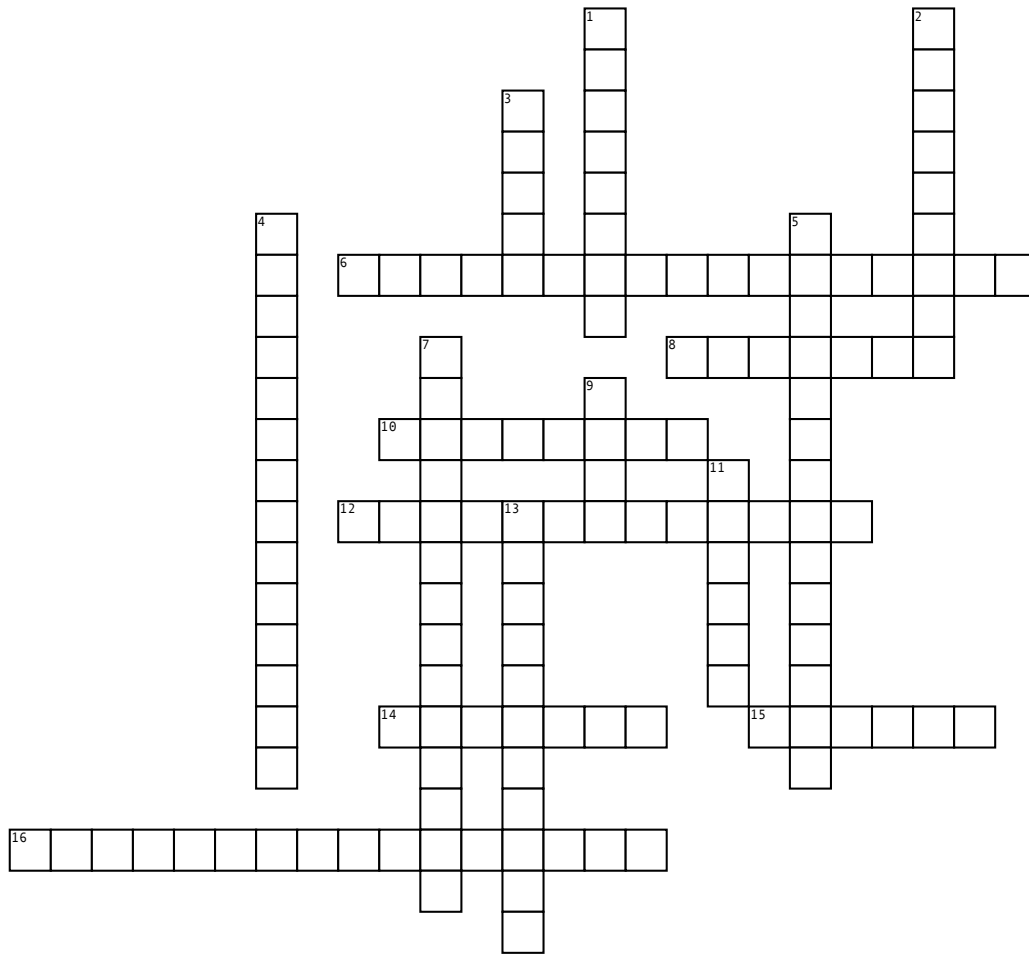


# Algebra 2 Vocabulary



**Across**

- 6. A collection of 2 or more equations
- 8. A function which undoes another function
- 10. The graph for a quadratic function
- 12. The distance a number is from zero on the number line.
- 14. The greatest y-value of a function
- 15. All possible values of x

- 16. Formula which gives the solutions to a quadratic equation

**Down**

- 1. A relation in which each element of the domain corresponds with exactly one element of the range
- 2. A line that a graph approaches but never touches or crosses
- 3. All possible values of y
- 4. The line of symmetry that divides a figure into two parts that are mirror images

- 5. The simplest form in a set of functions (no transformations)
- 7. Changing a parent function by dilation, reflection, rotation, or translation
- 9. The input of a function which makes the value zero (also known as zero, solution, and x-intercept)
- 11. A rectangular array of numbers
- 13. A function which has a logarithm involving a variable

**Word Bank**

- |                   |                |                |                  |
|-------------------|----------------|----------------|------------------|
| Logarithmic       | Asymptote      | Parabola       | AbsoluteValue    |
| SystemOfEquations | Matrix         | Transformation | Maximum          |
| ParentFunction    | Range          | Domain         | Function         |
| Root              | AxisOfSymmetry | Inverse        | QuadraticFormula |