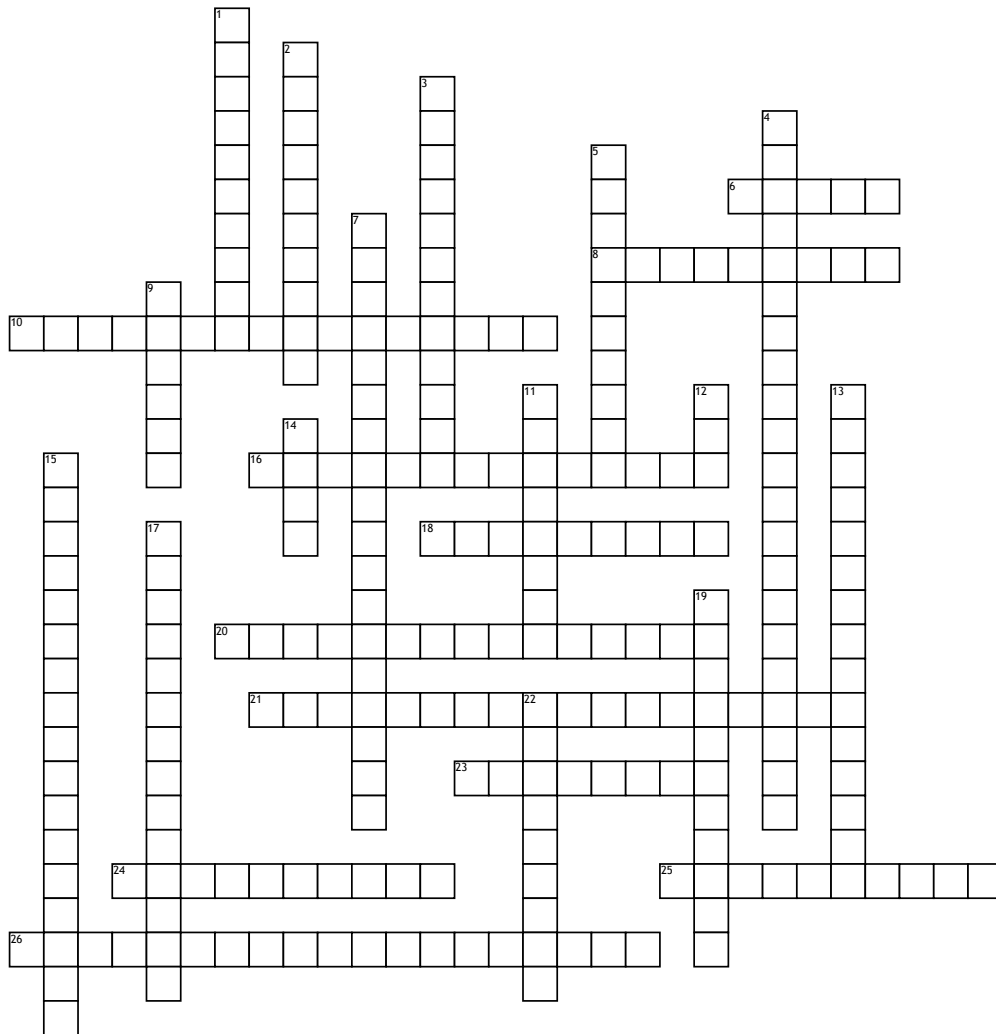


# Algebra 2 Vocabulary



**Across**

- 6. The inverse of a square root
- 8. An expression with three terms
- 10. When the discriminant is a positive number
- 16. The most basic function in a family of functions
- 18. The imaginary line that the graph approaches and never touches
- 20. When the discriminant is zero
- 21. The non-real way of doing division of polynomials
- 23. An expression with one term
- 24.  $y=a(x-h)+k$

- 25. The point or points where a Quadratic crosses the X-axis
- 26. The inverse of an Exponential Function

**Down**

- 1. The inverse or flip of a number
- 2. Two parallel lines
- 3. The part under the square root in the Quadratic Formula
- 4. When the discriminant is a negative number
- 5. The point where a graph crosses the Y-axis
- 7. The inverse of a Natural Logarithm

- 9. The highest or lowest point on a graph
- 11. An expression with two terms
- 12. The common base of a Logarithm
- 13. The negative of a square root
- 14. The bottom of a Logarithmic or an Exponential Function
- 15. Two lines that are exactly the same
- 17. The line that reflects a graph in half
- 19. The point where two lines intersect
- 22. The \_\_\_\_\_ of  $3 + 2i$  is  $3 - 2i$

**Word Bank**

- |                      |                  |                     |                    |                         |
|----------------------|------------------|---------------------|--------------------|-------------------------|
| Two Real Solutions   | Imaginary Number | One Solution        | Ten                | No Solution             |
| Parent Function      | X Intercept      | Conjugate           | Trinomial          | Discriminant            |
| Vertex               | Binomial         | Axis of Symmetry    | Infinite Solutions | Asymptote               |
| Synthetic Division   | Power            | Natural Exponential | Reciprocal         | Two Imaginary Solutions |
| Base                 | Monomial         | One Real Solution   | Y Intercept        | Vertex Form             |
| Logarithmic Function |                  |                     |                    |                         |