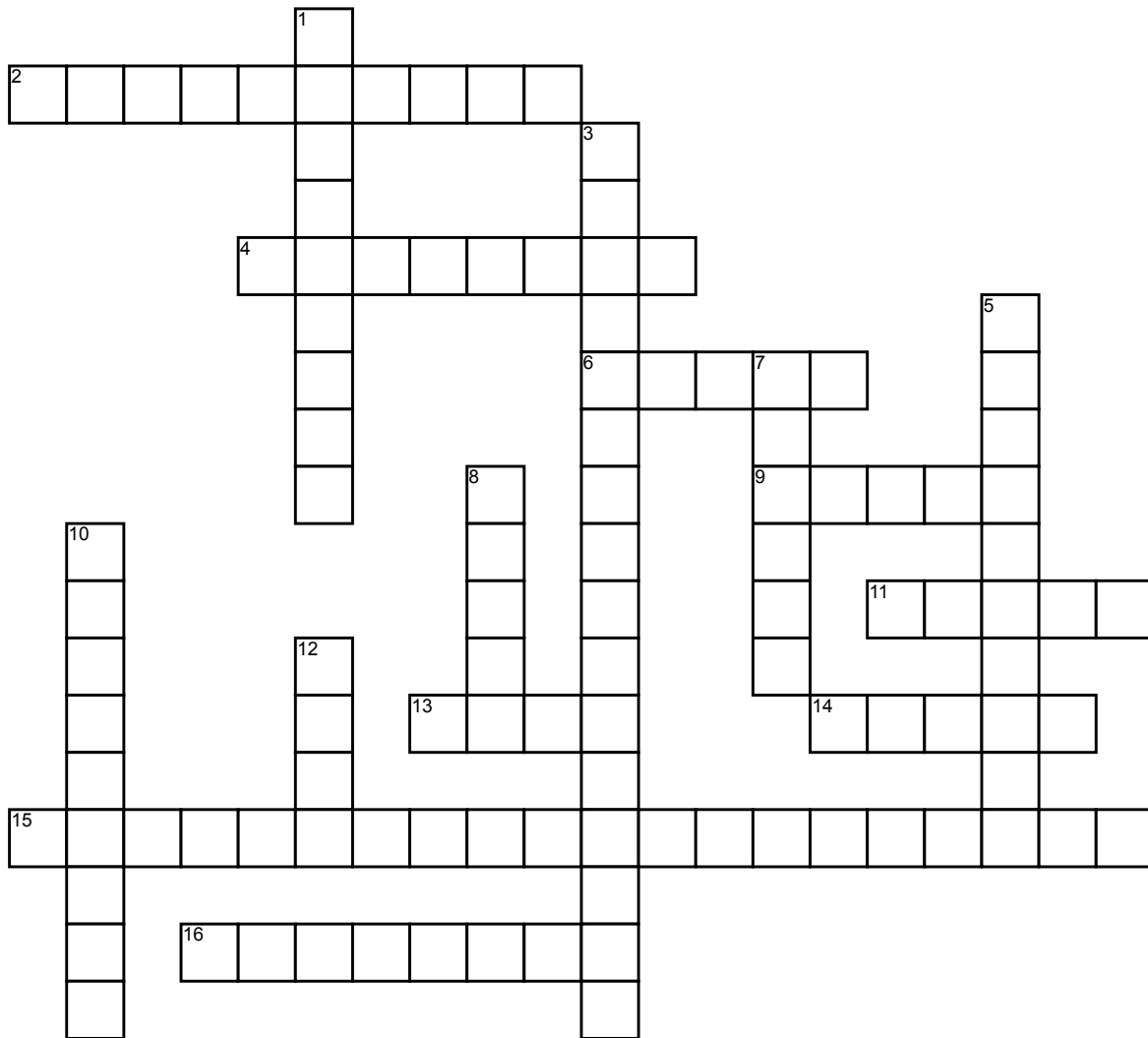


Solving Polynomials



Across

2. Where the graph crosses the y-axis; $x=0$.
4. An expression with one term.
6. Another term for x-intercepts.
9. In terms of the difference of squares, what is "a" in the following expression: $x^2 - 64$
11. Another term for x-intercepts.
13. Before factoring, we must set our expression/equation equal to _____.

14. In terms of difference of cubes, what is "a" in the following expression: $x^3 + 343$

15. The greatest integer (or variable) that divides each term with no remainder.

16. An expression with two terms.

Down

1. An expression with three terms.

3. Use this to solve a quadratic equation for x.

5. Where the graph crosses the x-axis; $y=0$

7. In terms of the difference of squares, what is "a" in the following expression: $x^2 - 144$

8. In terms of the difference of cubes, what is "a" in the following expression: $x^3 - 27$

10. The process of writing a number or an algebraic expression as a product.

12. In terms of the difference of squares, what is "a" in the following expression: $x^2 - 25$