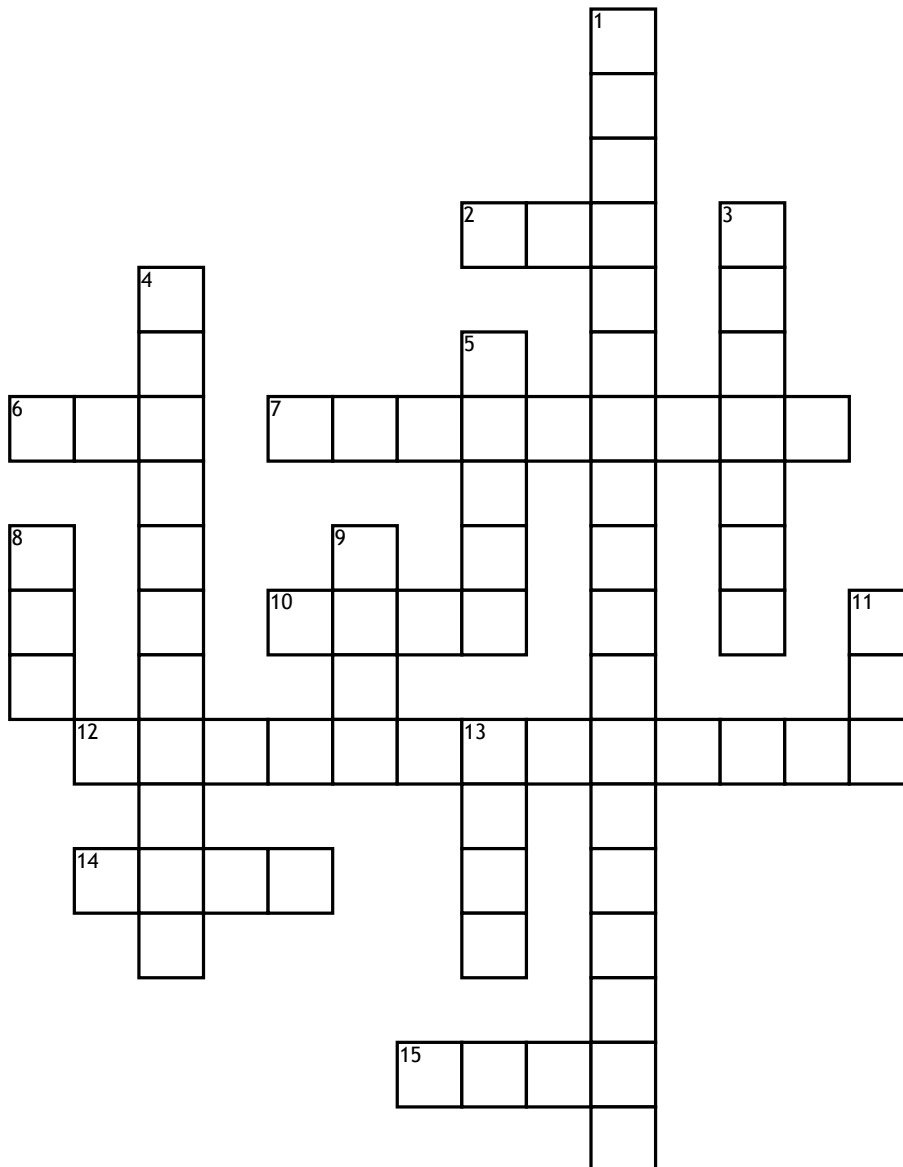


Solve by Graphing Quadratics



Across

2. How many times does $-p^2 = 2p - 15$ cross the x-axis?
 6. What is the maximum number of roots for $p^2 + 3p - 4 = 0$
 7. What are the roots of $3p^2 = 12p + 36$?
 10. True or False? -2 and 2 are the solutions to $-2p^2 = -8$?
 12. Find the solutions to $5x^2 - 45 = 0$

14. To solve a quadratic equation, one side of the equation has to equal what number?

15. What are the x-intercepts for $x^2 + 4 = 0$

Down

1. Find the roots of $x^2 - 27x = 0$
 3. $-2x^2 + 12x^2 - 16$ has a minimum or maximum as a vertex?

4. What are the solutions to the equation: $p^2 - p = 6$

5. True or False? $2x^2 + 4x + 5$ have a root of 5.

8. How many solutions does $x^2 - 25 = 0$ have?

9. True or False? $-p^2 + 8x = 15$ has the solutions of three and 5?

11. How many solutions does $x^2 + 6x + 9 = 0$ have?

13. What kind of solution does $x^2 - 2x + 4$ have?