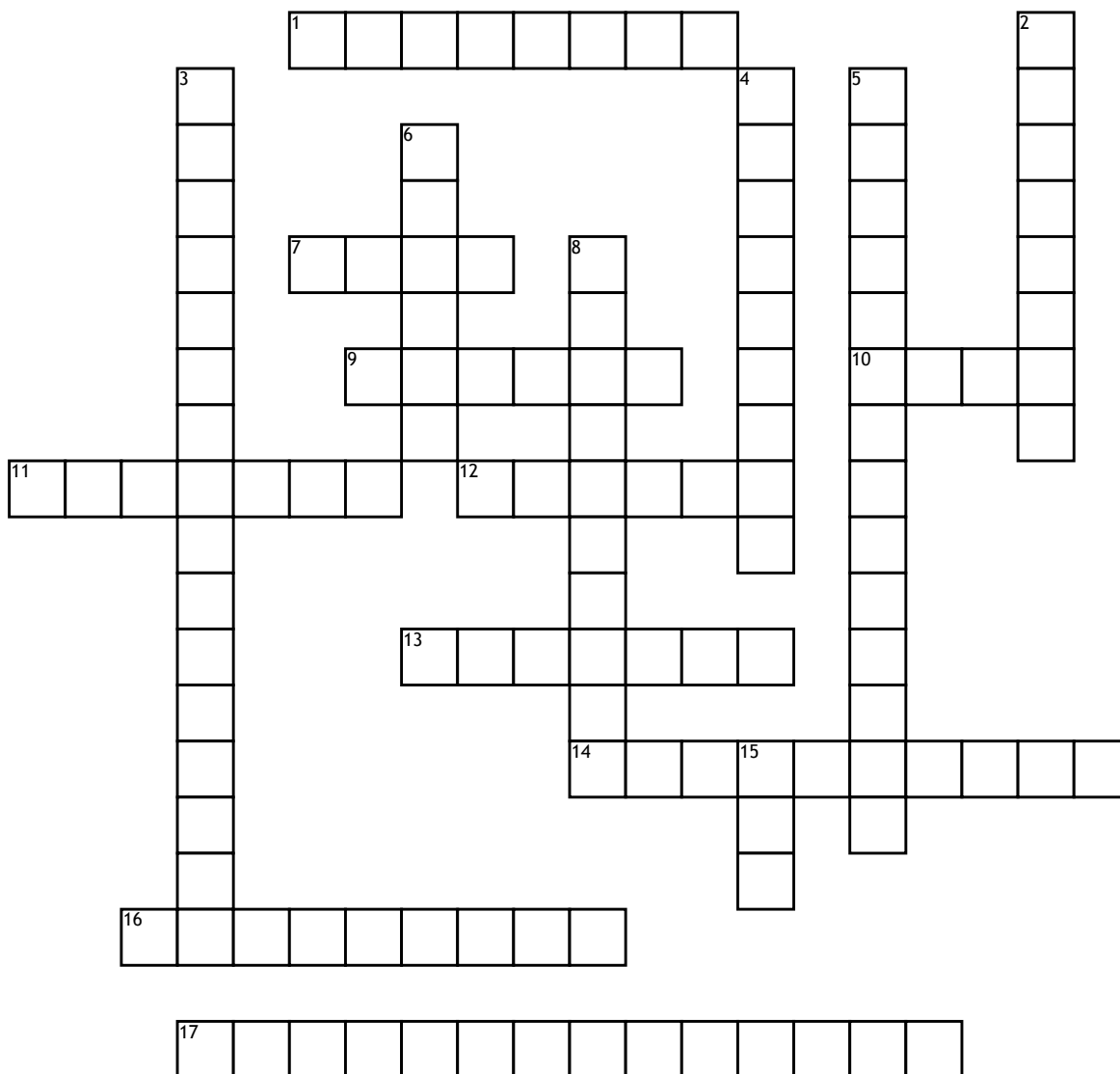


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Quadratics Crossword



## Across

1.  $ax^2 + bx + c$  is a quadratic in \_\_\_\_\_ form.
7. To solve a quadratic equation by factoring, you must set each factor equal to \_\_\_\_\_.
9. All quadratic functions have a \_\_\_\_\_ of two. (highest exponent)
10. How we can check to see if our factors  $(x-2)(x+3)$  are correct.
11. When a parabola is going up the vertex is a \_\_\_\_\_.

12. To evaluate a function means to \_\_\_\_\_ a value.
13. When a parabola is going down the vertex is a \_\_\_\_\_.
14. Plugging in zero to any function will find the \_\_\_\_\_.
16. The opposite of distributing is?
17. The domain of any quadratic function is always \_\_\_\_\_.

## Down

2. What is the name of the graph of a quadratic?

3. Which method of solving a quadratic will work for any equation in standard form?
4. Another word for x-intercepts of a quadratic.
5. An imaginary LINE that cuts through the middle of a parabola.
6. The turning point of the graph of a quadratic.
8. The range is always written as an \_\_\_\_\_.
15. What is the maximum number of solutions or roots a quadratic can have?