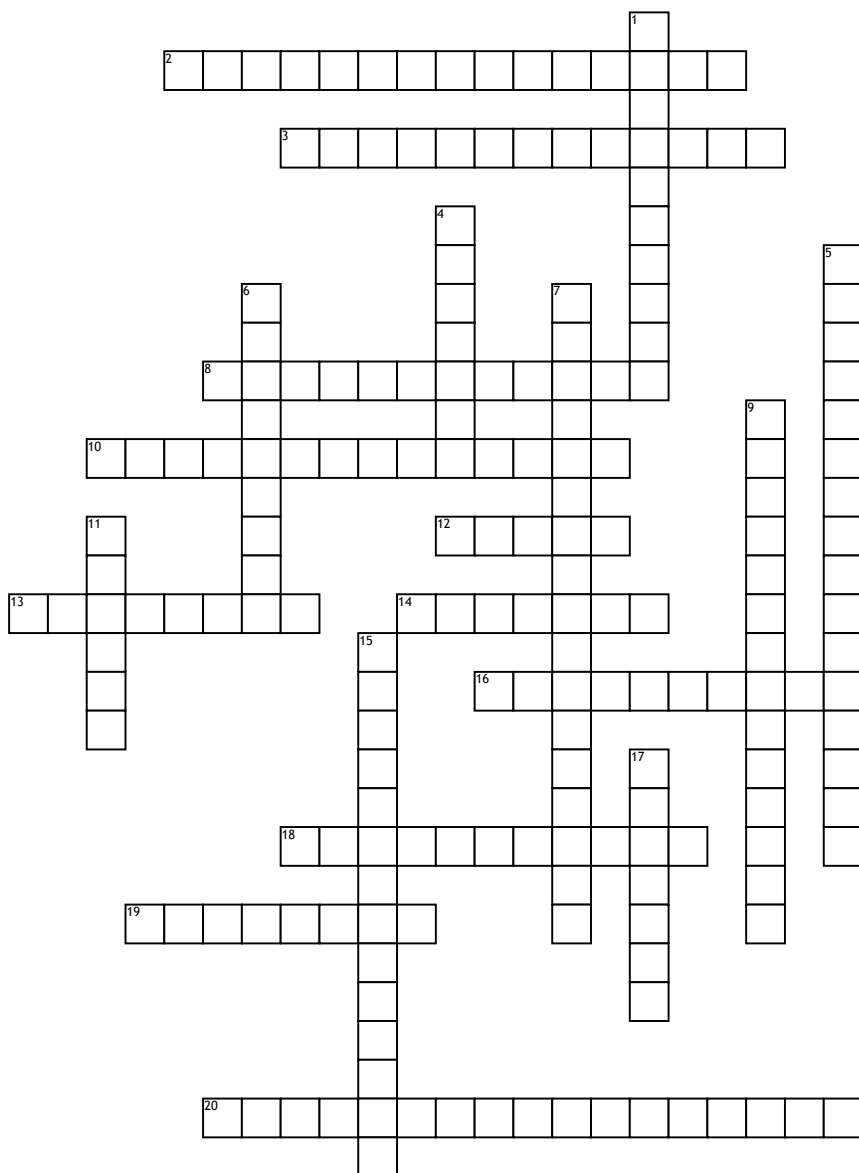


Name: \_\_\_\_\_

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

# Quadratics Crossword Puzzle



## Across

2. intercepts x axis once

3.  $3 \times 5$  is a \_\_\_\_\_ of the integer 15,

8.  $b^2 - 4ac$

10. line that divides the parabola into two congruent halves

12. another word for zeros

13. U shaped.

14.  $\sqrt{\quad}$

16.  $5 \times 5 = 25$  so 5 is the \_\_\_\_\_ of 25

18. 4 in  $4x$

19. 7 in  $4x - 7 = 8$

20.  $3x^2 + 3x + 4$

## Down

1.  $y = 0$

4. 10 in the set

1, 2, 3, 4, 5, 6, 7, 8, 9, 10

5. intercepts x-axis twice

6. three terms

7.  $f(x) = ax^2 + bx + c$

9. never intercepts x axis

11.  $y = a(x - h)^2 + k$

15.  $a + bi$

17. 1 in the set

1, 2, 3, 4, 5, 6, 7, 8, 9, 10