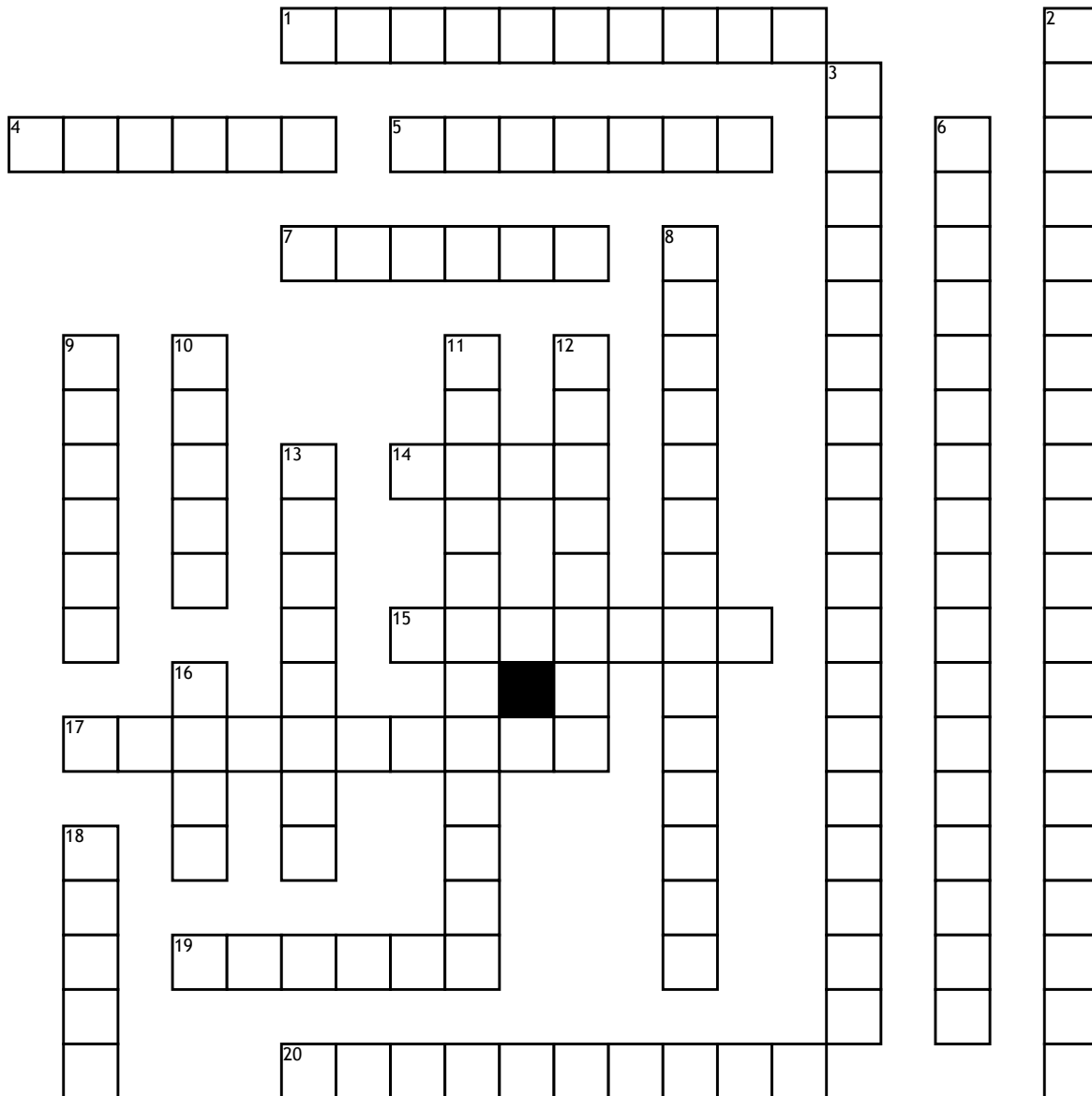# Algebra Crossword Puzzle

Across

1. the point where a line crosses through the x-axis

4. x-values

5. the y-coordinate of the vertex of a parabola that opens upward

7. the highest or lowest point on a parabola

14. the average of the numbers

15. the y-coordinate of the vertex of a parabola that opens downward

17. an equation that states two ratios are equal

19. parenthesis, exponent, multiplication, division, addition, subtraction

20. the point where a line passes through the y-axis

Down

2. a function that repeatedly multiplies an initial amount by the same positive number

3. a function that contains the independent variable in the radicand

6. ax^2+bx+c=0

8. those who graph a straight line

9. the middle value in the list of numbers

10. the direction and steepness of a line

11. a mathematical sentence that compares the values of two expressions using an inequality symbol

12. a relation between a set of inputs and outputs

13. the graph of a quadratic funtion

16. the value that appears most often in a set of data

18. y-values