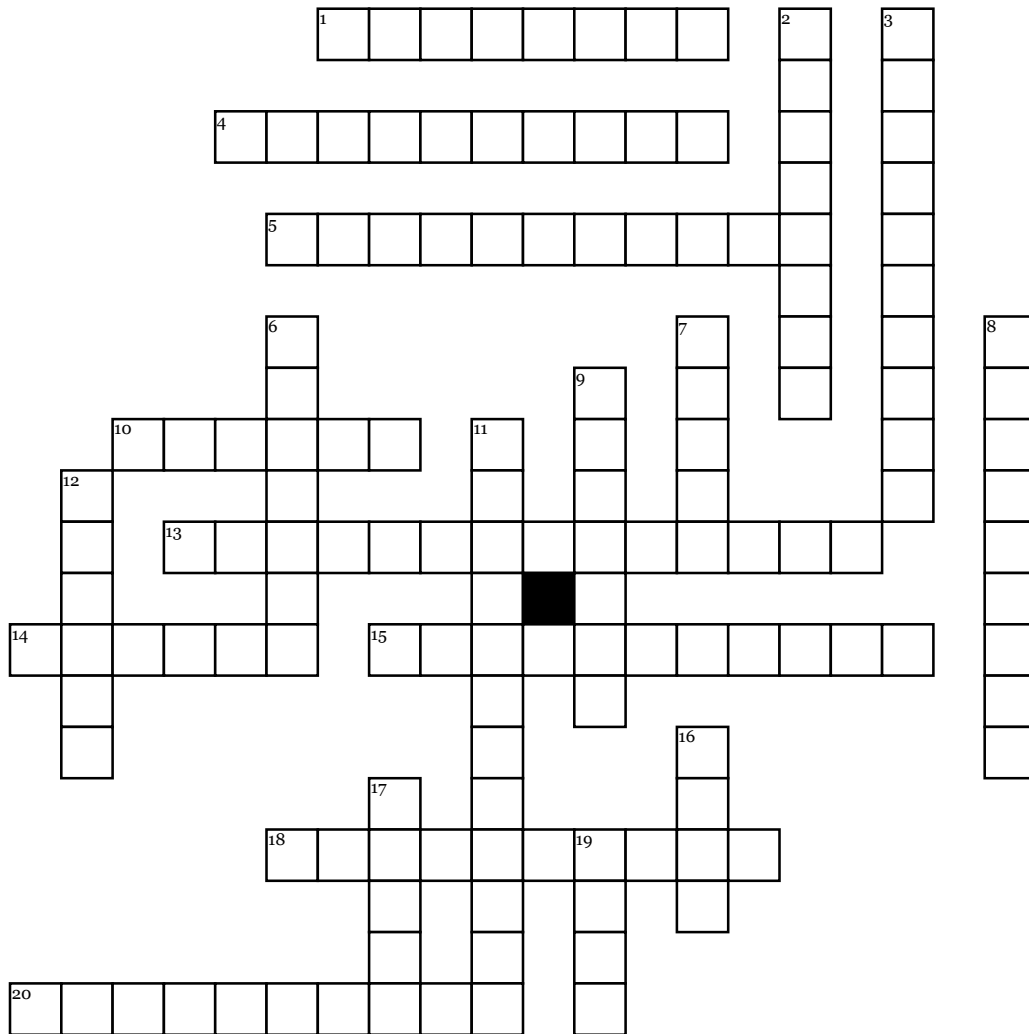


# Algebra 1 Crossword Puzzle



**Across**

- 1. a letter (letters) in a number sentence
- 4. the relation between two expressions that are not equal to, greater than, or less than.
- 5. the number before a variable (4n)
- 10. the highest/ lowest point (the peak) on a parabola
- 13. a vertical line that splits a parabola in half
- 14. \_\_\_\_\_ functions graph a line ( $y = mx + b$ )
- 15. a circular graph that is divided into sections by specific percentage

- 18. \_\_\_\_\_ are variables, coefficients, and numbers that are added or subtracted by like terms

- 20. the \_\_\_\_\_ is located on the y-axis

**Down**

- 2. A \_\_\_\_\_ is a set of inputs that equal a set of outputs
- 3. An \_\_\_\_\_ number is a real number that can be an infinite decimal that can't repeat itself
- 6. A number that is way too high or way to low in a set of numbers.
- 7. the difference between the highest and lowest number in a data set

- 8. A \_\_\_\_\_ function forms a parabola
- 9. A \_\_\_\_\_ sheet has equations/ information that helps solve a specific math problem by using the equations given
- 11. A \_\_\_\_\_ describes the number of solution types to a quadratic expression
- 12. the middle number in a data set is called the...
- 16. the average of numbers
- 17. rate of change
- 19. A number (or numbers) that is repeated frequently in a data set is called the...

**Word Bank**

- |            |                  |              |             |            |
|------------|------------------|--------------|-------------|------------|
| inequality | polynomial       | mean         | median      | irrational |
| linear     | coefficient      | circle graph | variable    | formula    |
| quadratic  | axis of symmetry | outlier      | y intercept | mode       |
| slope      | function         | discriminant | vertex      | range      |