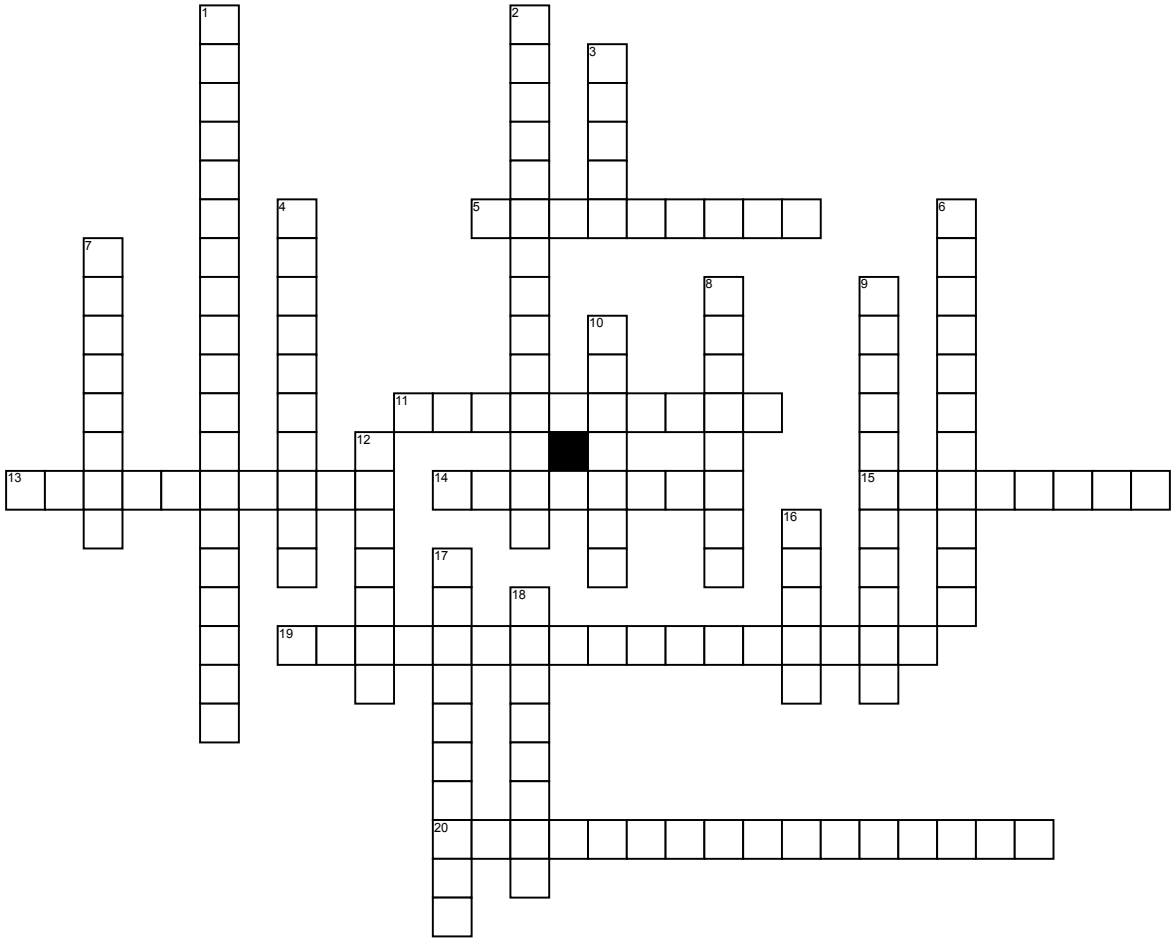
Name: _____ Date: _____ Period: _____

Jamecia's Algebra 1 Crossword Puzzle



Across

5. terms that contain the same variables, where the corresponding variables also are of the same power (exponent).

11. an equation that states that two ratios are equal Ex: 1/2 = x/10

13. an equation stating that two ratios, rates or fractions are equivalent.

14. To figure out or compute. For example, "evaluate " means to figure out that the expression simplifies to 17.

15. Positive and Negative Whole Numbers and 0. Examples: .... -3, -2, -1, 0, 1, 2, 3.....(Does not include fractions or decimals)

19. Two or more equations containing common variable(s).

20. A number that cannot be expressed in the form (a/b) where a and b are integers and b <> 0.

Down

1. an expression consisting of one or more numbers along with one or more arithmetic operations.

2. The plane formed by a horizontal axis and a vertical axis, often labeled the x-axis and y-axis, respectively.

3. the steepness of a line on a graph, rise over run

4. A transformation in which a geometric figure is reflected across a line, creating a mirror image. That line is called the axis of reflection.

6. The elimination method of solving a system of equations is a method that uses addition or subtraction to eliminate one of the variables to solve for the other variable.

7. a mathematical sentence with an equal sign that shows that two expressions are equivalent

8. x in the expression ax. For example, 3 is the exponent in 23.

9. number in front of a variable

10. An expression used to calculate a desired result, such as a formula to find volume or a formula to count combinations. Formulas can also be equations involving numbers and/or variables, such as Euler's formula.

12. The quantity which cancels out the a given quantity. There are different kinds of inverses for different operations.

16. a comparison of two numbers by division

17. A statement that compares two quantities using <, >, ≤,≥, or ≠.

18. A boundary line of an inequality is a line that separates the coordinate plane into half-planes