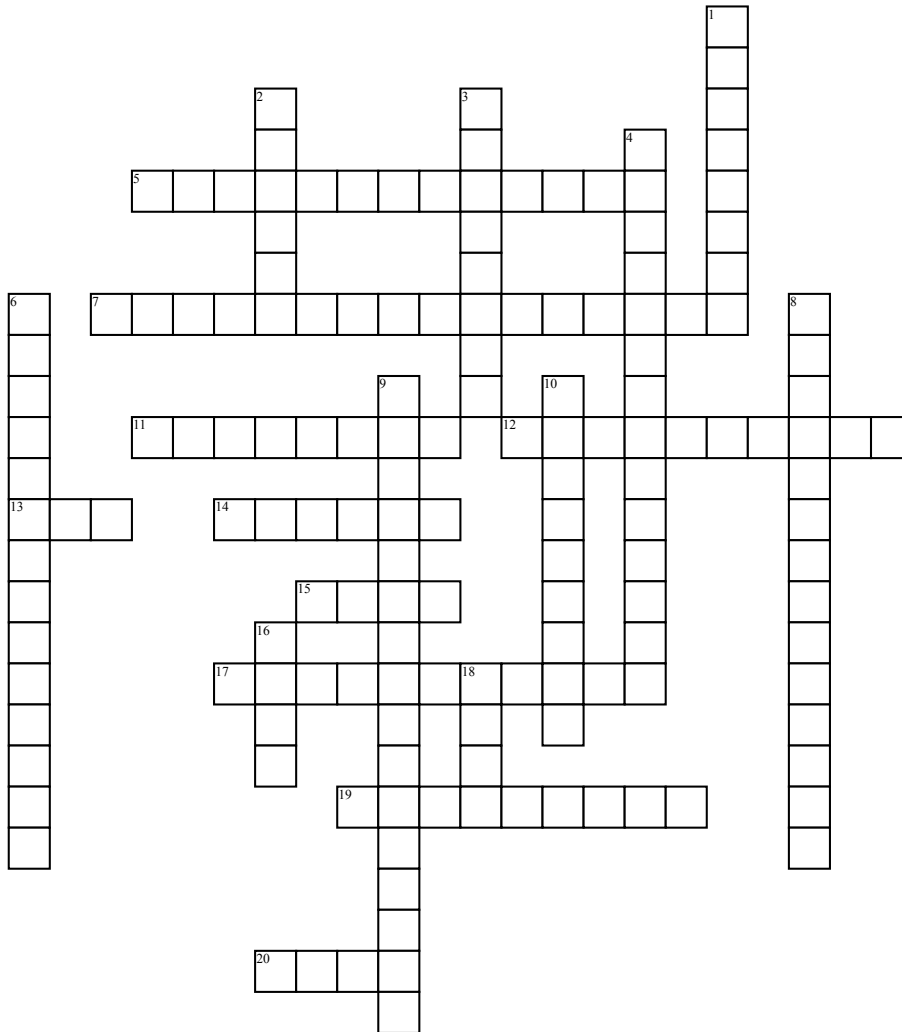# Algebra Crossword Puzzle

Across

5. A table of x- and y-values (ordered pairs) that represents the function, pattern, relationship, or sequence between the two variables.

7. An action that cancels a previously applied action. For example, subtraction is the inverse operation of addition.

11. When a line can be drawn through the center of a figure such that the two halves are congruent.

12. Flip

13. A portion of a line that begins at a point and goes on forever in one direction.

14. The middle point of a set of ordered numbers where half are below it.

15. A network of evenly spaced, parallel horizontal and vertical lines.

17. All rational and irrational numbers.

19. The value of a variable when all other variables in the equation equal zero (0). On a graph, the values where a function crosses the axes.

20. The change in y going from one point of y to another (the horizontal change on the graph.) Rotation

Down

1. Any part of a whole is called a fraction

2. A number or expression that divides exactly another number

3. The numbers in the set {...,-4, -3, -2, -1, 0, 1, 2, 3, 4,...}.

4. The opposite angles formed when two lines intersect.

6. An algebraic equation in which the variable quantify or quantities are in the first power and the graph is a straight line

8. A real number that can be expressed as a ratio of two integers.

9. A real number that can not be expressed as a ratio of two numbers (e.g., 20=2(w+4) + 2w and y = 3x + 4).

10. The length of the boundary around a figure.

16. The arithmetic average of a set of ordered numbers where half of the numbers are above the median and half are below it.

18. The score or data point found most often in a set of numbers.

Word Bank

Irrational number	Intercept	Rational number	Rise	Median
Factor	Ray	Fraction	Linear equation	Integers
Perimeter	Reflection	Mode	Real numbers	Mean
Inverse operation	Grid	Function table	Vertical angles	Symmetry