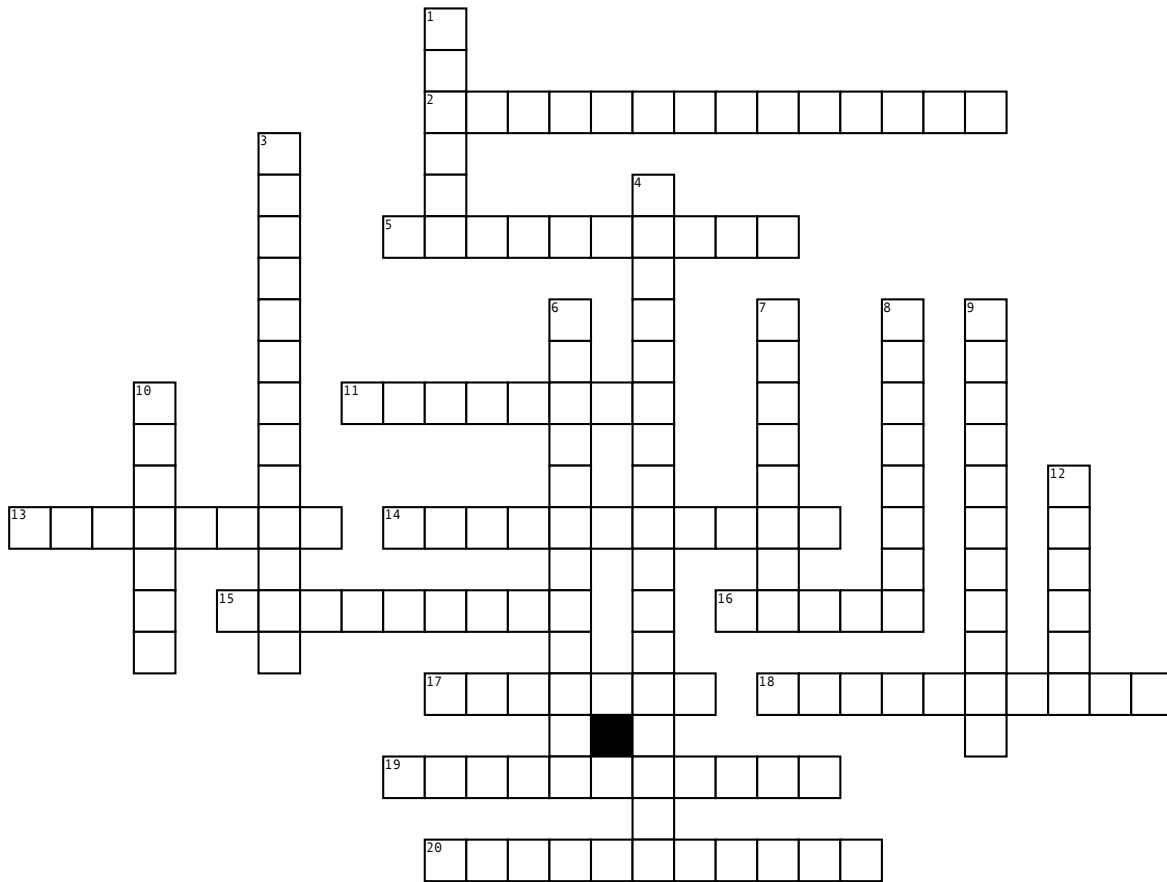


Algebra 1 Crossword



Across

2. the positive integers (whole numbers) 1, 2, 3, etc., and sometimes zero as well.

5. a sequence of numbers such that the difference between the consecutive terms is constant.

11. a quantity representing the power to which a given number or expression is to be raised, usually expressed as a raised symbol beside the number or expression

13. expressible, or containing quantities that are expressible, as a ratio of whole numbers.

14. A function with a graph that is symmetric with respect to the origin.

15. involving the second and no higher power of an unknown quantity or variable.

16. is the complete set of all possible resulting values of the dependent variable (y, usually)

17. a point at which a continuously varying quantity ceases to decrease and begins to increase; the value of a quantity at such a point.

18. not expressible as a ratio of two integers, and having an infinite and nonrecurring expansion when expressed as a decimal.

19. of or expressed by a mathematical exponent.

20. a pair of elements a, b having the property that $(a, b) = (u, v)$ if and only if $a = u, b = v$.

Down

1. able to be represented by a straight line on a graph; involving or exhibiting directly proportional change in two related quantities.

3. the magnitude of a real number without regard to its sign

4. a sequence of numbers where each term after the first is found by multiplying the previous one by a fixed, non-zero number called the common ratio.

6. A function with a graph that is symmetric with respect to the y-axis.

7. a symmetrical open plane curve formed by the intersection of a cone with a plane parallel to its side. The path of a projectile under the influence of gravity ideally follows a curve of this shape.

8. able to assume different numerical values.

9. the ratio of a term to the previous term.

10. the value of a function at a certain point in its domain, which is greater than or equal to the values at all other points in the immediate vicinity of this point.

12. the set of possible values of the independent variable or variables of a function.