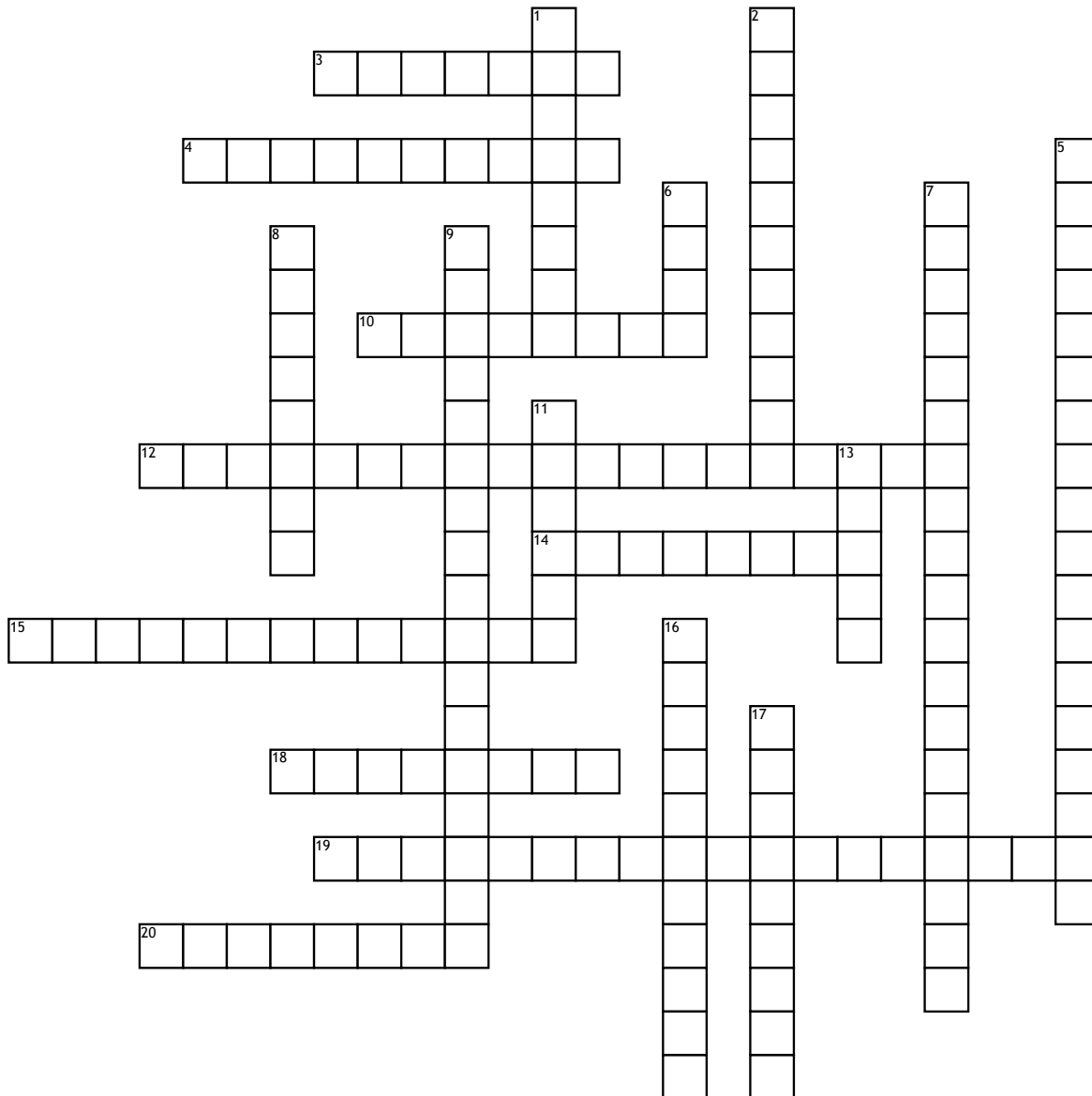


Algebra Key Terms



Across

3. the symbol used to indicate a root
 4. a sum of terms each consisting of a variable raised to a nonnegative integer power
 10. a quantity that may change value
 12. constants and variables combined using addition, subtraction, multiplication, and division
 14. the number under the radical symbol
 15. The distance a number is from 0.
 18. a polynomial containing two terms
 19. a shorthand notation for writing very large or very small numbers in the form $a \times 10^n$

20. the set consisting of the natural numbers, their opposites, and 0:

Down

1. The shape of the graph of $y=x^2$
 2. A point on a 2-dimensional plane is described by a pair (x,y) . The coordinate x is given by the labels below the grid, and the coordinate y is given by the labels to the left of the grid.
 5. the coefficient of the leading term
 6. in exponential notation, the expression that is being multiplied
 7. a shorthand method of writing products of the same factor

8. in exponential notation, the raised number or variable that indicates how many times the base is being multiplied
 9. the set of all numbers that are not rational; they cannot be written as either a terminating or repeating decimal; they cannot be expressed as a fraction of two integers
 11. the highest power of the variable that occurs in a polynomial
 13. the number above the radical sign indicating the n th root
 16. any real number in a polynomial in the form that is subscript
 17. a polynomial containing three terms