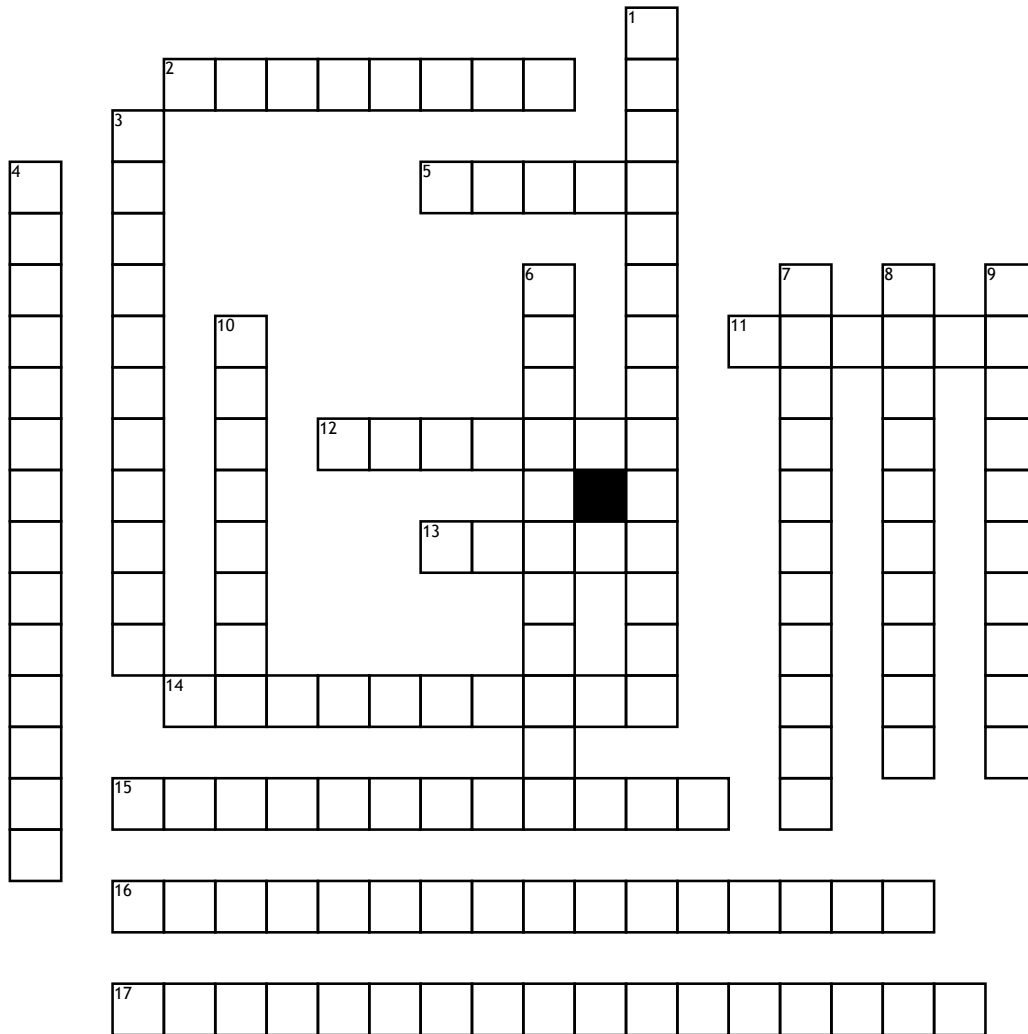


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Math terms



## Across

2. A u-shaped curve with certain specific properties. Formally, a parabola is defined as follows

5. a zero, also sometimes called a root, of a real-, complex- or generally vector-valued

11. The set of values of the independent variable(s) for which a function or relation is defined.

12. the opposite of maximum

13. Image result for Range definition mathwww.freemathhelp.com The difference between the lowest and highest values.

14. Math Term Definition. Inequality. An inequality is like an equation that uses symbols for "less than"(<) and "greater than"(>) where an equation uses a symbol for "is equal to" (=).

15. a parameter of an object or system calculated as an aid to its classification or solution.

16. he quadratic formula, , is used in algebra to solve quadratic equations (polynomial equations of the second degree).

17. A quadratic function is one of the form  $f(x) = ax^2 + bx + c$ , where  $a$ ,  $b$ , and  $c$  are numbers with  $a$  not equal to zero. The graph of a quadratic function is a curve called a parabola.

## Down

1. a line that cuts an object in half

3. End Behavior of a Function. The end behavior of a polynomial function is the behavior of the graph of  $f(x)$  as  $x$  approaches positive infinity or negative infinity.

4. A transformation is a general term for four specific ways to manipulate the shape of a point, a line, or shape.

6. Another way of solving a linear system is to use the elimination method.

7. a numerical or constant quantity placed before and multiplying the variable in an algebraic expression

8. A parameter is a quantity that influences the output or behavior of a mathematical object but is viewed as being held constant.

9. another word for going up

10. a relationship or expression involving one or more variables.

## Word Bank

coefficient

quadratic function

increasing

axis of symmetry

quadratic formula

domain

Range

minimum

Discriminant

function

transformation

zeros

elimination

inequality

end behavior

parameters

parabola