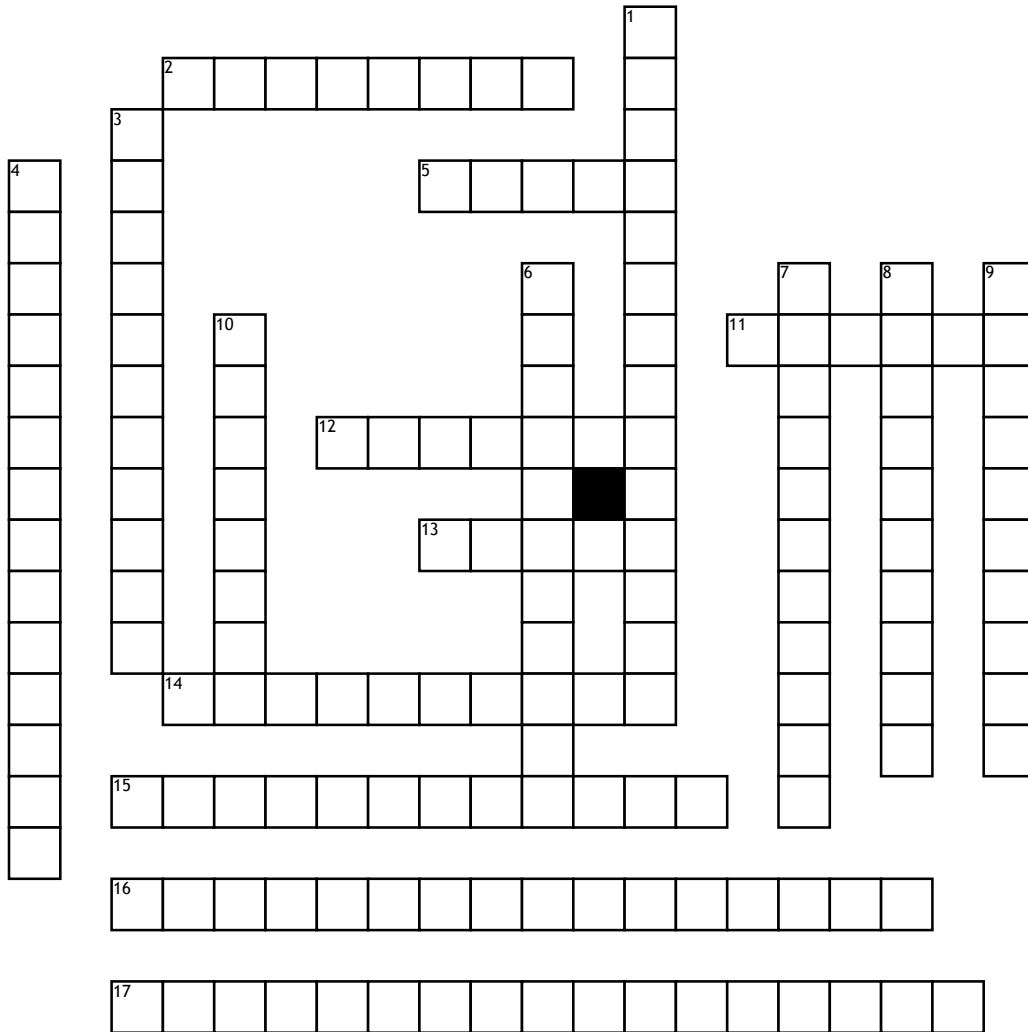


Math terms



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. the 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

- | | | | |
|--------------------|------------------|----------------|-------------------|
| function | parabola | minimum | quadratic formula |
| Range | parameters | transformation | Discriminant |
| end behavior | inequality | increasing | zeros |
| quadratic function | axis of symmetry | coefficient | elimination |
| domain | | | |