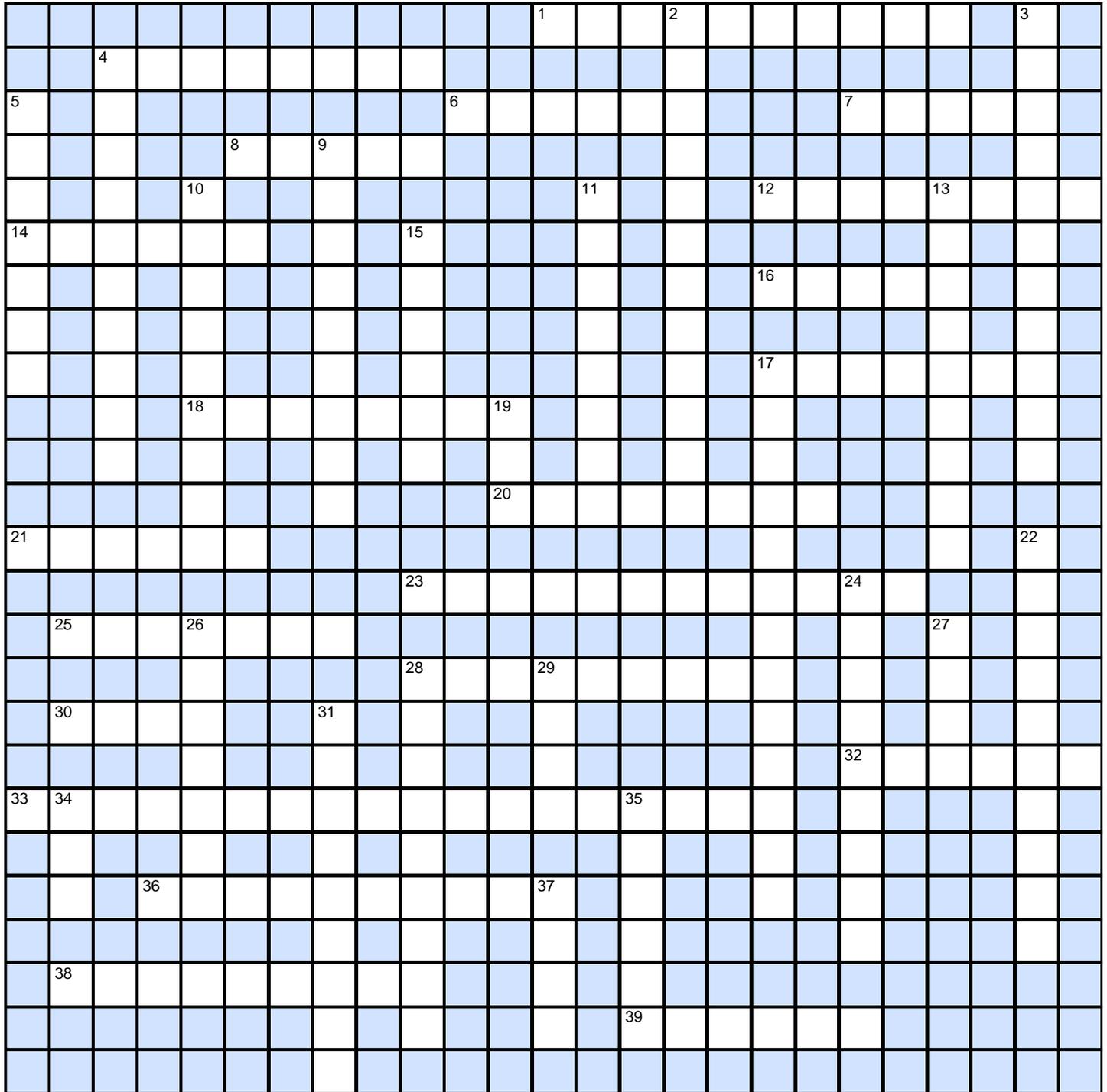


# Algebra 2 Crossword

MathBits.com



# Algebra 2 Crossword

MathBits.com

## Across

- 1 An angle in standard position whose terminal side falls on the  $x$ -axis.
- 4 A function where each element of the domain is mapped to the same range element.
- 6 The indicated sum of a geometric sequence is a geometric \_\_\_\_.
- 7  $f(x + h)$  represents a horizontal \_\_\_\_.
- 8 The resulting set of points under a given transformation.
- 12 Line test to determine if a relation is a function.
- 14 The horizontal distance after which the graph of a function starts repeating itself.
- 16 The Greek letter used to represent the sum.
- 17 The inverse of the sine function.
- 18 A method of factoring by \_\_\_\_.
- 20 A relation in which each  $x$  value is assigned to a unique  $y$  value.
- 21 In  $x^2 + y^2 = r^2$ , the origin is the \_\_\_\_.
- 23  $A = Pe^{rt}$  represents compounded \_\_\_\_.
- 25 A data set that has two modes.
- 28 A sequence in which the terms require the computation of all previous terms.
- 30 A solution to an equation of the form  $f(x) = 0$ .
- 32 The process of selecting individuals for a sample where each has the same chance of being selected.
- 33 Statistical estimate  $\pm$  margin of error (*two words*)
- 36 A sequence in which a common difference separates terms.
- 38 An equation of the form  $ax^2 + bx + c = 0$ .
- 39 The name given to a curve that is bell-shaped and symmetric about the mean.

## Down

- 2 The expression  $b^2 - 4ac$  where  $a$ ,  $b$  and  $c$  are coefficients of a quadratic equation.
- 3 3,4,5 is referred to as a \_\_\_\_ triple.
- 4 Angles in standard positions that share the same terminal side.
- 5 A fraction with another fraction in its numerator, denominator or both.
- 9 The magnitude of the oscillation of a sinusoidal function.
- 10  $(a + bi)$  to  $(a - bi)$
- 11 A set of ordered pairs.
- 13 A number of the form  $bi$ .
- 15 The set of first coordinates in the ordered pairs of a relation.
- 17 The distance from 0 to a number on the number line (*two words*).
- 19 Greatest Common Factor
- 22 Line test used to determine a one-to-one function.
- 24 The exponent,  $n$ , to which base  $b$  must be raised to equal  $a$ .
- 26 A data value that is far removed from the body of the data.
- 27 A function where  $f(-x) = f(x)$ .
- 28 A positive acute angle formed by  $x$ -axis and the terminal side of an angle in standard position.
- 29 A circle of radius 1 with center at the origin.
- 31 A method of division to avoid long division.
- 34 A function where  $f(-x) = -f(x)$ .
- 35 180/pi degrees
- 37 Root with an index of 3.