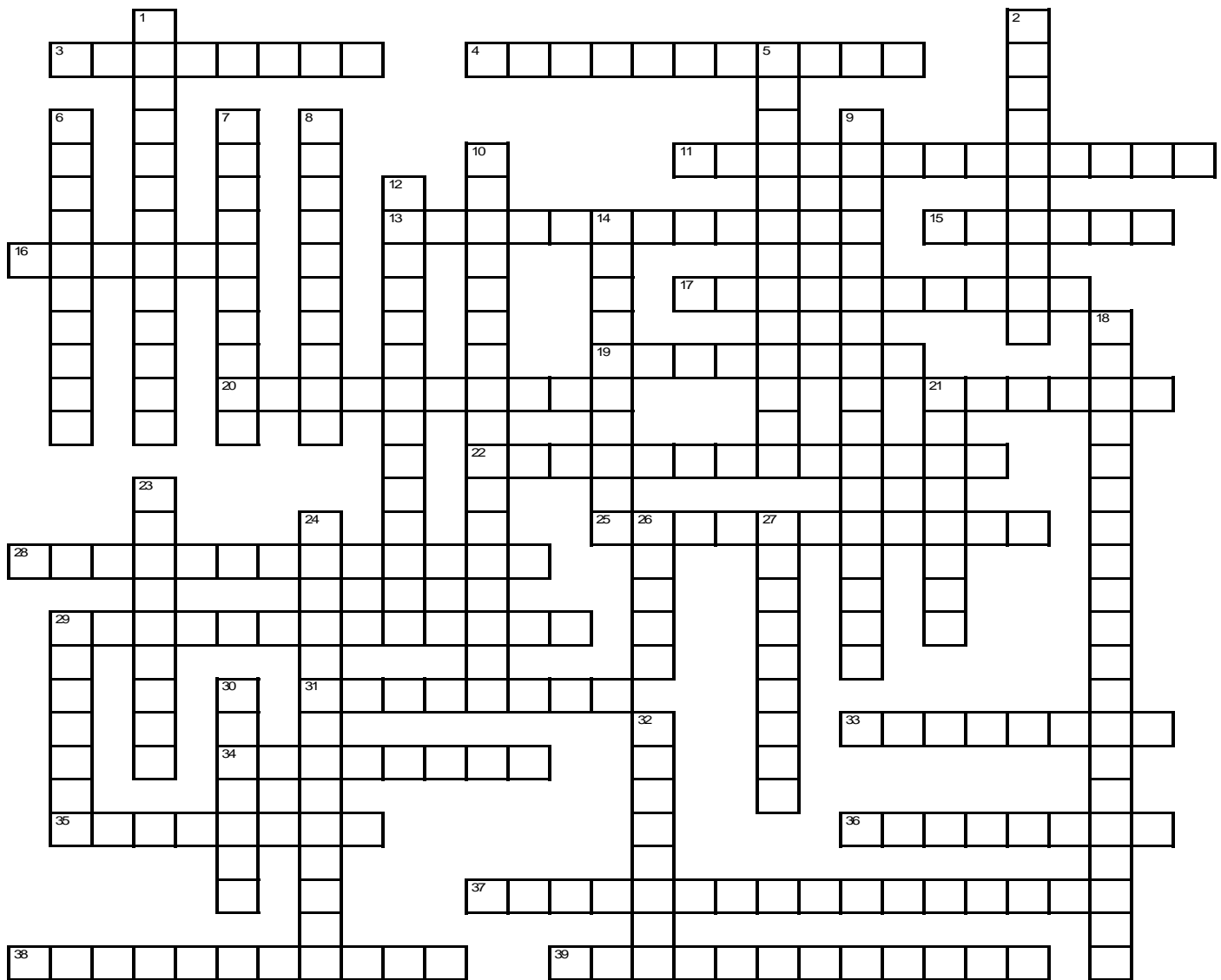


# PreAlgebra Vocabulary

Name \_\_\_\_\_



## Across

- 3 A polynomial with only one term.
- 4 When graphing, the name given to the set of two numbers named in an order that matters, such as (5, -4). (2 words)
- 11 Two angles whose measures add up to 180.
- 13 The slope of a line connecting two points is also known as the \_\_\_\_\_. (3 words).
- 15 The set of values for which a function is defined.
- 16 The highest power of a polynomial is called the \_\_\_\_ of the polynomial.
- 17 A polynomial with three terms.
- 19 To find the value of a mathematical expression.
- 20 An equation which indicates that two ratios are equal.



- 21 A set of equations that may share a common solution is called a \_\_\_\_ of equations.
- 22 An angle formed by one side of a polygon and the extension of the adjacent side.(2 words)
- 25 A line that intersects two or more other lines.
- 28 Two lines in the same plane that do not intersect. (2 words)
- 29 When two lines are cut by a transversal, the name given to the pair of non-adjacent angles on the same side of the transversal, one interior and one exterior.
- 31 The amount of money charged for borrowing money, or the amount of profit from investing money.
- 33 A line, ray or line segment that divides a segment into two congruent halves.
- 34 The name given to the movement of a geometric figure being "turned" about a fixed point.
- 35 Having the same size and shape across a dividing line, or around a point.
- 36 A polynomial with two terms.
- 37 A graphical test to determine if a relation is a function. (3 words)
- 38 A transformation that is also called a "slide".
- 39 The mathematical equation (or verbal description) that changes the input of a function into the output (2 words)

## Down

- 1 An inside angle of a polygon formed by two adjacent sides. (2 words)
- 2 The sum of two or more monomials (or even one monomial), whose exponents are whole numbers.
- 5 Two line segments that form a right angle are called \_\_\_\_.
- 6 In transformational geometry, the figure formed by flipping a geometric figure over a line to create a mirror image.
- 7 The point when a graph of an equation crosses the y-axis.
- 8 A salesman earns this based on his total sales.
- 9 The pair of angles on the inner sides of two lines intersected by a transversal, but on opposite sides of the transversal. (2 words)
- 10 The pair of angles on the outer sides of two lines intersected by a transversal, but on opposite sides of the transversal. (2 words)
- 12 The result of a change made to an object, such as a reflection, translation, or dilation.
- 14 The temperature scale where  $32^{\circ}$  is freezing and  $212^{\circ}$  is boiling.
- 18 The greatest number (or expression) that is a factor of two or more numbers (or expressions). (3 words)
- 21 The extra money that is charged when an object is purchased. (2 words)
- 23 An expression of the second degree.
- 24 The name given to an equation of a line written in the form  $y = mx + b$ . (2 words)
- 26 The set of output values of a function.
- 27 The cost of an object after the percent discount has been applied to the retail cost. (2 words)
- 29 A temperature scale where  $0^{\circ}$  is freezing and  $100^{\circ}$  is boiling.
- 30 A number expressed in relation to 100.
- 32 A transformation that stretches or shrinks a function or graph by some scale factor.

