Algebra Crossword Puzzle Part Three

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| **Across****3.** A grid used to illustrate values of algebraic expressions.**4.** A sum of monomials. Usually terms with higher powers are written first.**6.** floor(x) is the closest integer which is less than or equal to x.**14.** Rigid motion by a constant distance in a single direction, with no rotation or reflection.**15.** A number used to describe or summarize data.**18.** An observed value minus its estimated value**19.** The vertical line running through the origin on a coordinate plane.**20.** An unordered collection of numbers or other mathematical objects, without repetitions.**21.** An expression that is used to compute a value.**23.** A set of ordered pairs (x,y).**24.** A number that cannot be written as a fraction m n where m and n are integers.**25.** More than any finite (real) number**26.** A constant that a variable or expression is multiplied by.**28.** A term that is a constant. For a polynomial in x, it’s the term without an x.**29.** The distance a number is from 0.**30.** A sequence of numbers in which each number can be computed by adding the same amount to the previous number. | **Down****1.** One of the numbers 0, 1, 2, 3, ...**2.** the formula for determining the roots of a quadratic equation from its coefficients**5.** A number produced by applying a relation or function to an input.**7.** Repeating pattern or shape.**8.** A letter (like x) that we can use to mean different numbers at different times.**9.** The number of events that satisfy both of two specified criteria.**10.** Increasing rapidly due to a variable in an exponent, such as in y=2x.**11.** The horizontal line running through the origin on a coordinate plane.**12.** A fraction is a part of a whole, like a half, a third, a quarter, etc.**13.** The shape of the graph of y=x2**16.** an algebraic expression of the sum or the difference of two terms.**17.** Rewriting an expression as a product**22.** A polynomial whose leading (first) coefficient is 1.**27.** Revenue minus cost. |