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Algebra 2

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| **Across****2.** The number of variable that represents the number of times the base of a power is a used as a factor.**5.** Shape of a graph of a quadratic function.**9.** A monomial or a sum of monomials**13.** A function where f(g(x)) = g(f(x)).**14.** The y-coordinate of a point where a graph intersects the y-axis.**15.** A term that has a number and no variable.**16.** A symbol use to represent a quantity that can change.**18.** The number of expression that is used as a factor in a repeated multiplication.**20.** A relation for which each input has exactly one output.**22.** A shorthand method of dividing a polynomial by a divisor of the form x-k .**23.** A logarithm with base 10.**24.** The result of multiplying a number by itself. | **Down****1.** The behavior of the graph of a function as x approaches positive or negative infinity.**3.** To rewrite an expression as simply as possible.**4.** The most basic function in a family of functions.**6.** An equation in which a variable expression occurs as an exponent.**7.** An equation that involves a log of a variable expression.**8.** The set of input values of a relation.**10.** The number that multiples the variable.**11.** Another term for a x-intercept.**12.** The x-coordinate of a point where a graph intersects the x-axis.**17.** A line that a graph approaches but touch.**19.** Terms that have the same variables and powers.**21.** A polynomial with two terms. |