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Algebra II Definitions

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| **Across****3.** Gives solutions, or roots, of equations**4.** Number from 0 to 1 that is the measure of how likely an event is to occur**9.** A polynomial with one term**10.** Unit of angle measure based on arc length**15.** Reciprocal of the tangent function**18.** Shape of the graph of a quadratic function**20.** The reciprocal of the secant function**22.** Successive terms differ by the same nonzero number d, called the common difference**23.** A part of the population**24.** Horizontal line halfway between the maximum and minimum values of the curve**25.** Also called a pure imaginary number**26.** Events that occur of one event does not affect the probability of the other event**27.** Defines the nth term or a general term as a function of n | **Down****1.** Arrangement of a group objects in which the order is important **2.** Geometric sequence that the constant ratio of any term and the previous term**5.** Number that is equal wo a when it is raised to the nth power**6.** Trends in the y-values of a function as the x-values approach positive and negative infinity**7.** Infinite sequence of numbers beginning with 1**8.** Indicates the sum of the terms of an arithmetic sequence**11.** every row starts and ends with 1**12.** The exponent that a specified base must be raised to in order to get a certain value**13.** Selection of a group of objects in which order is not important**14.** A monomial or a sum or difference of monomials**16.** Results from exchanging the input and output values of a one-to-one function**17.** One of the constants in a function or equation that may be changed **19.** Logarithm with base e, written as ln**21.** A polynomial with two terms |