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exponential functions can grow or decay very quickly exponential functions are often used to model things in the real world such as populations radioactive materials and compound interest created by sal khan and ck 12 foundation

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unit this topic covers radicals rational exponents graphs end behavior of exponential functions manipulating exponential expressions using exponent properties exponential growth decay modeling with exponential functions solving exponential equations logarithm properties

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how do we undo the exponential function

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is an equation that contains an exponential expression of the form  $b^x$  where  
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exponential expression on one side of the equation

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exponential definition meaning dictionary com Nov 03 2022 rising or expanding at a steady rapid rate a city experiencing exponential growth noun mathematics the constant  $e$  raised to the power equal to a given expression as  $e^{3x}$  which is the exponential of  $3x$  any positive constant raised to a power exponential ,ɛkspəʊˈnɛnʃəl adjective

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idea of repeated multiplication a new operation that really can be viewed as repeated multiplication

**exponential definition meaning merriam webster** Sep 01 2022 1 of or relating to an exponent 2 involving a variable in an exponent  $10^x$  is an exponential expression 3 expressible or approximately expressible by an exponential function especially characterized by or being an extremely rapid increase as in size or extent an exponential growth rate exponentially ,ek spə 'nen t sh ə lē

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