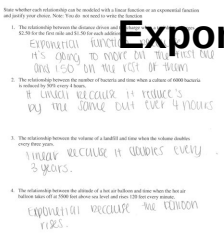

# Exponential Growth And Decay Worksheet Algebra 2 Answers

EXPONENTIAL GROWTH AND DECAY WORKSHEET ALGEBRA 2 ANSWERS

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Exponential growth is exhibited when the rate of changeâ€”the change per instant or unit of timeâ€”of the value of a mathematical function is proportional to the function's current value, resulting in its value at any time being an exponential function of time, i.e., a function in which the time value is the exponent. Exponential decay occurs in the same way when the growth rate is negative.

**Exponential growth - Wikipedia**
A quantity is subject to exponential decay if it decreases at a rate proportional to its current value. Symbolically, this process can be expressed by the following differential equation, where N is the quantity and Î» (lambda) is a positive rate called the exponential decay constant: = âˆ’. The solution to this equation (see derivation below) is: = âˆ’,

**Exponential decay - Wikipedia**
Chapter 8 : Exponential and Logarithmic Functions 8.1 Exponential Growth. Click below for lesson resources.

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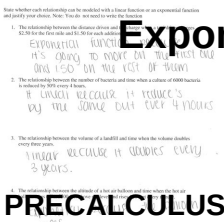

# Exponential Growth And Decay Worksheet Algebra 2 Answers

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Exponential Growth. The exponential function is used to model growth â^' generally population growth in biology, but this may also include the growth of money via compound interest.

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