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input values that are distance 1 apart, and write the formula for the exponential function that models the data.

Compare Linear and Exponential Models (examples, solutions ... Linear, quadratic and exponential functions have different graphs, equations, and Page 10/30

characteristics. In this tutorial, compare the shape of linear, quadratic, and exponential curves on a graph, and explore how to identify a function as linear, quadratic, or exponential by examining x- and ycoordinates.

Comparing Linear, Page 11/30

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how quickly the function is increasing (or decreasing).

Answer Key

MFG Comparing Exponential and Linear Growth Linear, Quadratic, & Exponential Functions

Tables Linear Functions

y = mx + b y = (slope)x

+ y-intercept slope = #

you add/sub each time y-Page 13/30

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Page 14/30

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Exponential and linear growth appear similar at first but exponential growth will eventually outpace linear growth. Plan your 60-minute lesson in Math or Algebra with helpful tips from James Bialasik

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Comparing Linear and Exponential Functions Day 1 The linear function f(x)and the exponential function g(x) are graphed. Find the rate of change for both functions for the interval x = -1 and x = 2.538. The

rate of change for f(x)over the interval is

____ the rate of change Page 16/30

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Comparing Linear and **Exponential Functions** Quiz - Quizizz For this Entry Ticket I have students work on the worksheet from the Mathematics Vision Project called Linear and Exponential Functions 4.6 Ready Set Page 17/30

Go! (pages 28 and 29 of the Module 4 packet included as a resource in this section). The intent of the entry ticket is to get students to activate their prior knowledge around calculating the rate of change for different functions and is a great ...

Comparing and Page 18/30

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Constant. On Answer Key

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Equations from a Graph or Table Linear Functions y = mx + b y= (slope)x + y-intercept slope = # you add/sub each time y-intercept: starting amount or yvalue when x = 0 Quadratic Functions y = a(x - 2h) + k

Algebra 1 Unit 5 Notes: Comparing Linear, Page 22/30

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Comparing Exponential, Page 24/30

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Comparing exponential Page 25/30

and linear function Comparing Linear and **Exponential Functions.** Add to Favorites, 2 teachers like this lesson. Print Lesson, Share. **Objective**. SWBAT understand and demonstrate the differences between linear and exponential functions. Big Idea. Eventually, exponential growth or decay always Page 26/30

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Eighth grade Lesson Comparing Linear and **Exponential Functions** A linear function can be written in the form $(\mathbf{x}_{a,x+b})$ As we studied in chapter 1. there are other forms in which linear equations can be Page 27/30

written, but linear functions can all be rearranged to have form $\langle (y = mx + b \rangle)$. An exponential function has form $\langle (mathbf{y=ab^x})$ The variable $\langle (mathbf{x})$ is in the

exponent.

7.1: Exponential Growth and Decay Models -Page 28/30

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Comparing Linear, Exponential, and Quadratic Functions ... Enjoy the videos and Page 29/30

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