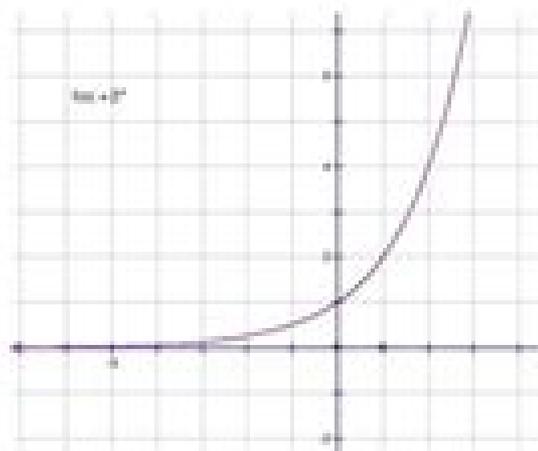


Exponential Growth vs. Decay



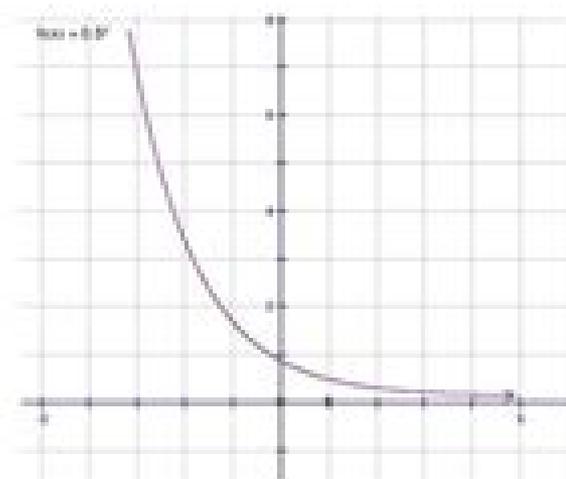
Exponential Growth

$$y = a \cdot b^x$$

$$b > 1$$

$$2 \cdot 2 \cdot 2 \cdot 2$$

getting bigger



Exponential Decay

$$y = a \cdot b^x$$

$$b < 1$$

$$1/2 \cdot 1/2 \cdot 1/2 \cdot 1/2$$

getting smaller

Lesson13 Exponential Growth And Decay

**Raymond A. Barnett, Michael R.
Ziegler, Charles J. Burke**



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