

Monday, October 31, 2016

New Seats

New Calendar

New Chapter - Ch. 3 - Exponents, Logistics, & Logarithms

3.1 - Exponential and Logistic Functions

① Evaluate 
$$f(x) = 2^x$$
 for:

(A) 
$$f(4) = 2^{4}$$
 (B)  $f(0) = 2^{-1}$  (C)  $f(-3) = 2^{-3} = \frac{1}{2^{3}} = \frac{1}{8}$ 

2) Write an exponential function that passes thru (0,4) and (2,8).

$$y = a \cdot b^{\times}$$

$$8 = \frac{4}{1} \cdot b^{2}$$

$$y = 4 \cdot 12^{\times}$$

$$y = 4 \cdot 2^{\times}$$

$$y = 2 \cdot 3^{\times}$$

$$y = 4 \cdot (\frac{1}{2})^{\times}$$

$$y = 2 \cdot 4^{\times}$$

$$y = 3 \cdot 4^{\times}$$