Algebra 2: Exponentials and Logarithms

Section	Key Problem	You Got It Right!	Notes	Correct on Homework.	I Got This!
LE1: Exponential Equations	Write an exponential function that goes through (0, 2) and (3, 18).			/10	
LE2: Logarithms	Write the exponential equation in logarithmic form: $w = 4^b$			/20	
LEe: More Logarithms	Write the logarithmic equation in exponential form: $50 = lnx$			/17	
LE3: Properties of Logarithms	If $\log_b X = 5$ & $\log_b Y = 4$, evaluate $\log_b \frac{Y}{X^2}$			/11	
Quiz: LE1-3				/5	
LE4: Applications 1	There are 10 bacteria in a sample. If the number of bacteria doubles every hour. a. Write the equation that models this. b. how long until there are 100 bacteria?			/5	
LE5: Applications 2	You invest $100 in a bank which gives 2% interest compounded monthly. a. Write the equation that models this. b. How long until you double your money?			/7	

LE6: Applications 3	If the number of bears in a park can be represented by the equation: $$B = \frac{100}{1 + e^{-0.03t}}$$ a. How many bears will there be in 10 years? b. How long until there are 80 bears?			/7	
Review 1	What concepts am I sure of? What am I still unsure of?			/13	
Review 2	Any improvement since Review 1? What am I still unsure of?			/13	
Test					