Alg 2 Bellwork Wed, June 8, 2016 1. Write each in logarithmic form. b) $x^3 = 729$ c) $9^x = 500$ a) $10^2 = x$ 2. Write each in exponential form. c) $Log_3 = x$ a) $Log_x 169 = 2$ b) $Log_8 x = 1$ 3. Evaluate each. c) Log₁₁11 b) Log_93 a) $Log_2 8$ f) $Log_7(7^5)$ d) Log95 e) Log_41

Bellwork Wed, June 8, 2016 Ala 2 1. Write each in logarithmic form. b) $x^3 = 729$ c) $9^x = 500$ a) $10^2 = x$ Log X = 2 $Log_X 729 = 3$ $Log_g 500 = X$ a) $\log_x 169 = 2$ b) $\log_8 x = 1$ c) $\log_3 x = x$ $X^{2}=169$ 8'=X $10^{X}=3$ 3. Evaluate each. a) $\log_2 8 = 3$ b) $\log_9 3 = \frac{1}{2}$ c) $\log_{11} 11 = 1$ $q^{\chi} = 3 \rightarrow \sqrt{q} = 3 \qquad ||^{\chi} = ||$ $7^{x} = 8$ e) $Log_41 = (75) = 5$ d) Log95 = 1.98 $4^{\times}=1$ $\gamma^{\times}=\gamma^{5}$ $10^{x} = 2024$ 4. Find the value of x. Log 2024 = X X= 3.31

Answers

4. Find the value of x. $10^{x} = 2024$

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