

Feb 7-7:37 PM Feb 7-7:45 PM

Quotient Property

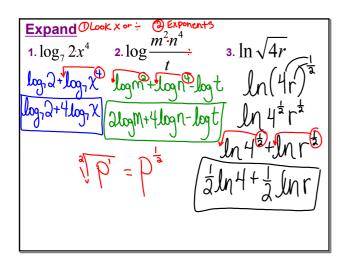
$$\log_b \frac{M}{N} = \log_b M - \log_b N$$

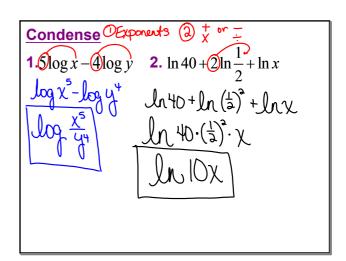
$$\log_2 \frac{x}{9} = \log_2 \chi - \log_2 Q$$

$$\log_b M^n = n \log_b M$$

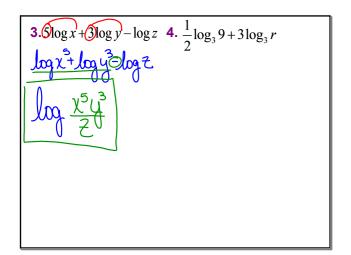
$$\log_4 x^2 = 2 \log_4 x$$

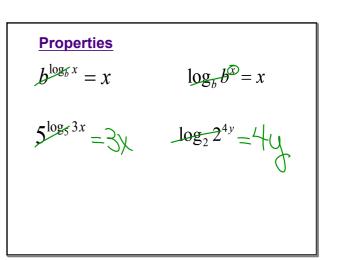
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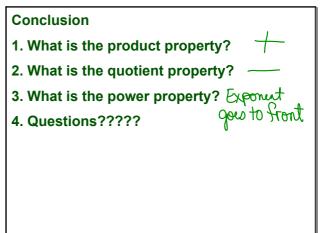
Feb 7-7:55 PM Feb 7-7:59 PM





Feb 7-8:03 PM Feb 19-11:03 AM

Simplify 1. $\log_3 3^{2m}$ 2. $5^{\log_5 27}$ 3. $\log_1 0^{3x-8}$ 3. $10 + 10^{3x-8}$ 3. $10 + 10^{3x-8}$ 4. $8^{\log_5 4m}$ 5. $\ln e^{5k}$ 6. $10^{\log_2 288}$



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Feb 7-8:07 PM

Properties of Logarithms Wkst