

$$e^3 = 20.09 \quad 4^3 = 64 \quad 2^6 = 64 \quad 10^3 = .001$$

$$\ln 20.09 = 3 \quad \log_4 64 = 3 \quad \log_2 64 = 6 \quad \log_{.001} = 3$$

$$\log_3 243 = 5 \quad \log_5 125 = 3 \quad \log_{10000} = 4 \quad \ln 403.43 = 6$$

$$3^5 = 243 \quad 5^3 = 125 \quad 10^4 = 10000 \quad e^6 = 403.43$$

Feb 18-8:22 AM

$$\log_7 343$$

$$\frac{\log 343}{\log 7}$$

$$\log_3 27$$

$$\frac{\log 27}{\log 3}$$

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$$\log_7 343 \quad \text{Simplify} \quad \log_3 27$$

Alpha Window  
5

3

3

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$$e^x + 5 = 405$$

$$\frac{-5 \quad -5}{e^x = 400}$$

Change form

$$\ln 400 = x$$

$$(5.99 = x)$$

$$\frac{3 \cdot 2^x = 120}{\frac{3}{3} \cdot 2^x = \frac{120}{3}}$$

$$2^x = 40$$

Convert

$$\log_2 40 = x$$

$$(5.32 = x)$$

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$$3^{x+1} - 5 = 53$$

$$\frac{+5 \quad +5}{3^{x+1} = 58}$$

Convert

$$\log_3 58 = x+1$$

$$3.69 = x+1$$

$$\frac{-1}{2.69 = x}$$

$$\log_{ax} 100 = 2$$

Convert

$$(2x)^2 = 100$$

$$\frac{4x^2 = 100}{\frac{4}{4} \quad \frac{4}{4}}$$

$$\sqrt{x^2} = \sqrt{25}$$

$$(x = 5)$$

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$$\ln(x+3) = 5$$

Convert

$$e^5 = x+3$$

$$148.41 = x+3$$

$$\frac{-3 \quad -3}{(145.41 = x)}$$

$$\log(2x-1) = 3$$

Convert

$$10^3 = 2x-1$$

$$\frac{1000 = 2x-1}{\frac{+1 \quad +1}{1001 = 2x}}$$

$$\frac{1001}{2} = \frac{2x}{2}$$

$$(x = 500.5)$$

Feb 18-10:23 AM