

16.3: Logarithms and Exponentials

- $\log_b xy = \log_b x + \log_b y$
 - $\log_b x^y = y \log_b x$
 - $\log_b 1 = 0$
 - $\log_b (1/x) = -\log_b x$
 - $e^{x+y} = e^x e^y$
 - $e^{x-y} = e^x / e^y$
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