

Incorrect. Use the power property ( $a \cdot \log M = \log M^a$ ), the product property ( $\log MN = \log M + \log N$ ), and the quotient property ( $\log \left(\frac{M}{N}\right) = \log M - \log N$ ), to combine logarithms. Once you have  $\log M = \log x$ , you can then say that  $M = x$ .