



Logarithms - Conversions

Convert from Logarithmic form to Exponential form:

3 easy steps:

1. the base (b) of the log becomes the base of the exponential term
2. the solution (x) becomes the exponent
3. the argument (a) becomes the solution

$$\log_b a = x$$

$$b^x = a$$

Convert from Exponential form to Logarithmic form:

3 easy steps:

1. the base (b) of the exponential term becomes the base of the log
2. the solution (a) becomes the argument
3. the exponent (x) becomes the solution

$$b^x = a$$

$$\log_b a = x$$