

Converting Exponents to Logarithms

a log is an exponent

Example: $10^6 = 1,000,000$ \rightarrow $\log_{10}1,000,000 = 6$

Example: $2^3 = 8$ \rightarrow $\log_28 = 3$

Example: $3^4 = 81$ \rightarrow $\log_381 = 4$

Example: $8^2 = 64$ \rightarrow $\log_864 = 2$