

$$\log_{10}(1000) = 3 \longleftrightarrow 1000 = 10^3$$

Exponential to Log Equations (A)

Convert $\log_8(64) = 2$ into an exponential equation.

$$64 = 8^2$$

Convert $3^1 = 3$ into a log equation.

$$1 = \log_3(3)$$