

$$\log_3 81 = x$$

→ use calculator

- either $\log_3 81$

or $\log(81) / \log(3)$

$$\log_3 81 = 4$$

$$\log_8 x = \frac{1}{3}$$

write in exponential form. "Log goes to the base ment to find the answer which equals the exponent"

$$\Rightarrow 8^{1/3} = x$$

plug $8^{1/3}$ into calculator

$$8^{1/3} = 2$$