

Expand Using Quotient Rule

Example: $\log_2 \left(\frac{4}{3} \right)$

$$\log_2 \left(\frac{4}{3} \right) = \log_2 4 - \log_2 3$$

Answer: **$\log_2 4 - \log_2 3$**

$$\log_4 \left(\frac{8}{7} \right)$$

Answer: _____

$$\log_6 \left(\frac{11}{5} \right)$$

Answer: _____

$$\log_{10} \left(\frac{2}{9} \right)$$

Answer: _____

$$\log_8 \left(\frac{4}{9} \right)$$

Answer: _____

$$\log_6 \left(\frac{11}{5} \right)$$

Answer: _____

$$\log_9 \left(\frac{10}{3} \right)$$

Answer: _____

$$\log_{14} \left(\frac{2}{19} \right)$$

Answer: _____