Name

Logarithms - Quotient Property - Difference to Division as Fraction (integers)

1 Convert the given logarithm to its equivalent based on the quotient property

$$\log_8 2 - \log_8 5$$

A $\log_8 \frac{2}{5}$ B $\log_5 \frac{8}{2}$ C $\log_8 \frac{5}{2}$

2 Convert the given logarithm to its equivalent based on the quotient property

$$\log_8 7 - \log_8 4$$

A $\log_8 \frac{7}{4}$ B $\log_8 \frac{4}{7}$ C $\log_4 \frac{8}{7}$

3 Convert the given logarithm to its equivalent based on the quotient property

$$\log_5 4 - \log_5 6$$

A $\log_5 \frac{4}{6}$ B $\log_6 \frac{5}{4}$ C $\log_5 \frac{6}{4}$

4 Convert the given logarithm to its equivalent based on the quotient property

$$\log_4 2 - \log_4 7$$

A $\log_7 \frac{4}{2}$ B $\log_4 \frac{7}{2}$ C $\log_4 \frac{2}{7}$

5 Convert the given logarithm to its equivalent based on the quotient property

$$\log_7 9 - \log_7 8$$

A $\log_7 \frac{8}{9}$ B $\log_7 \frac{9}{8}$ C $\log_8 \frac{7}{9}$

6 Convert the given logarithm to its equivalent based on the quotient property

$$\log_{10} 7 - \log_{10} 4$$

A $\log_{10} \frac{4}{7}$ B $\log_4 \frac{10}{7}$ C $\log_{10} \frac{7}{4}$

7 Convert the given logarithm to its equivalent based on the quotient property

$$\log_3 8 - \log_3 5$$

A $\log_5 \frac{3}{8}$ B $\log_3 \frac{5}{8}$ C $\log_3 \frac{8}{5}$

8 Convert the given logarithm to its equivalent based on the quotient property

$$\log_4 6 - \log_4 7$$

A $\log_7 \frac{4}{6}$ B $\log_4 \frac{7}{6}$ C $\log_4 \frac{6}{7}$