

Logarithm - Calculator

Example: Find the value of $\log_6 2$ using calculator.

$$\log_6 2 = \frac{\log 2}{\log 6} \quad (\text{or}) \quad \frac{\ln 2}{\ln 6} \quad (\text{change of base rule})$$

$$= \mathbf{0.39}$$

Find the value of each logarithm using calculator. Round the answer to two decimal places.

1) $\log_2 16 =$

2) $3 \log_5 3 =$

3) $\log_7 8 =$

5) $2 \log_4 5 =$

Find the value of e
to two decimal pla

Round the answer

7) $\log_3 5 \cdot \log_2 10$

9) $\log_6 3 - \log_7 9$

11) $\log_4 12 + \log_3 8$

12) $\log_6 7 - \log_4 11$

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Logarithm - Calculator

Sheet 3

Example: Find the value of $\log_6 2$ using calculator.

$$\log_6 2 = \frac{\log 2}{\log 6} \quad (\text{or}) \quad \frac{\ln 2}{\ln 6} \quad (\text{change of base rule})$$

$$= \mathbf{0.39}$$

Find the value of each logarithm using calculator. Round the answer to two decimal places.

1) $\log_2 16 =$

4

2) $3 \log_5 3 =$

2.05

3) $\log_7 8 =$

1.23

5) $2 \log_4 5 =$

0.77

Find the value of e
to two decimal pla

7) $\log_3 5 \cdot \log_2 10$

4.87

9) $\log_6 3 - \log_7 9$

- 0.52

11) $\log_4 12 + \log_3 8$

3.69

12) $\log_6 7 - \log_4 11$

- 0.64

Round the answer

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