

User Manual for Log Base 10 (log10) Feature

What is Log Base 10?

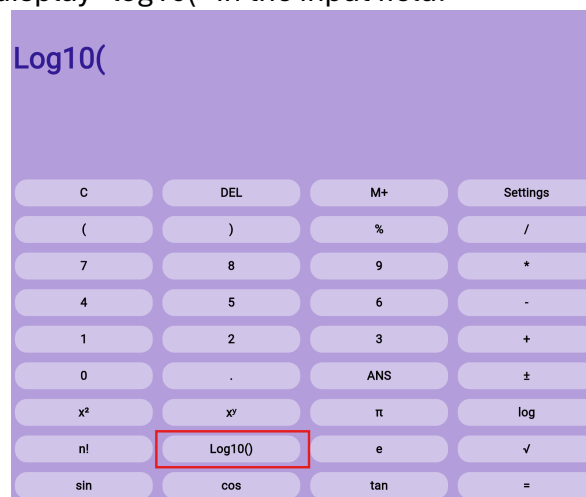
The logarithm base 10 (\log_{10}) is a mathematical operation that determines the power to which the number 10 must be raised to produce a given number. For example:

- $\log_{10}(100) = 2$, because $10^2 = 100$
- $\log_{10}(1000) = 3$, because $10^3 = 1000$

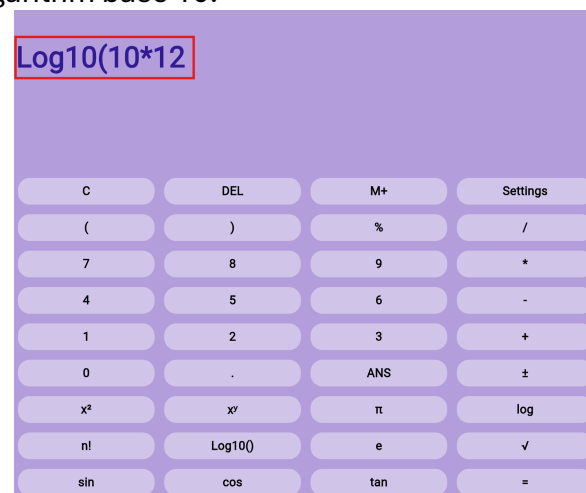
This operation is commonly used in scientific calculations, sound intensity measurements (decibels), and financial models.

How to Use the Log10 Feature

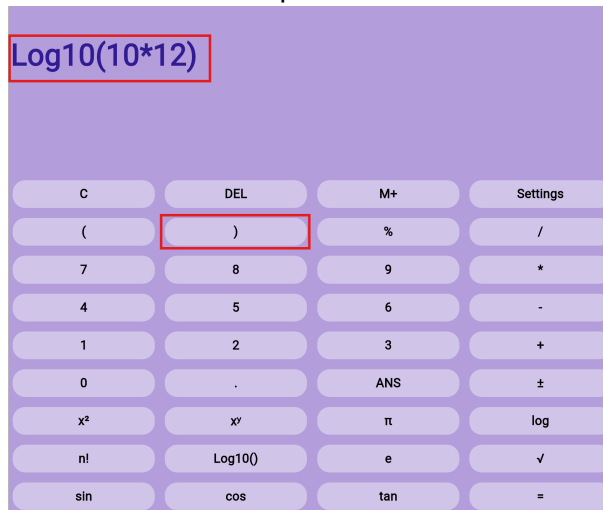
1. **Click on the log10 button:** Locate and click the log10 button on the calculator interface. It will display “log10(” in the input field.



2. **Enter your number:** Now type the number or equation for which you want to calculate the logarithm base 10.



3. **Close the parentheses:** Ensure the parentheses are closed to complete the input.



4. **Press the = button:** Click the = button to display the result of the log10 operation.

