

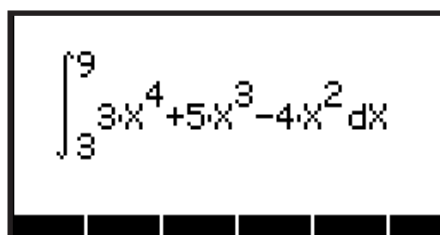
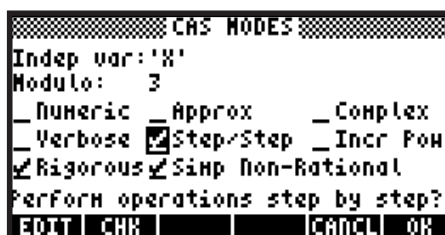
HP 49G - Key Selling Points versus the TI-89

Larger Memory Capacity

A large 1.5MB of Memory (512KB RAM and 1MB Flash ROM for data storage) lets you benefit from the biggest and most comprehensive library of third party calculator programs, games and software applications.

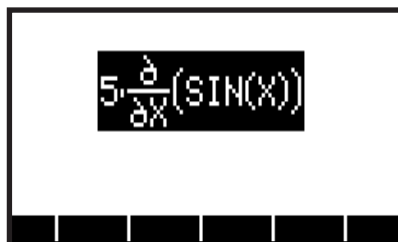
Dynamic Algebra and Calculus

With an advanced built-in Computer Algebra System (CAS), the HP 49G boasts truly dynamic symbolic manipulation, and symbolic and numeric solving. Whether your needs are complex arithmetic, calculus functions, or solving a system of linear equations, the advanced built-in CAS is flexible and dynamic, yet user-friendly. Working with complex equations or expressions? The HP 49G automatically prompts you to switch to complex mode.



Interested in learning how to get the right answer?

Then choose the CAS step-by-step mode for dynamic derivation, integration and linear algebra problem solving. All steps and results are displayed in textbook mode for easy viewing and understanding. After all, in a text or exam, the answer is only part of the solution.



Leading-Edge Design

Smooth edges, soft curves, and a sleek, sturdy design, make the HP 49G ideal for either hand-held or desktop use. It comes in an appealing, light metallic blue with a matching translucent blue slide-on cover that helps minimize screen and keyboard damage. The user friendly HP 49G keyboard has large keys with soft edges, and generous key spacing to minimize undesired key presses. Alpha letters appear on the the keys.

See more on the big screen

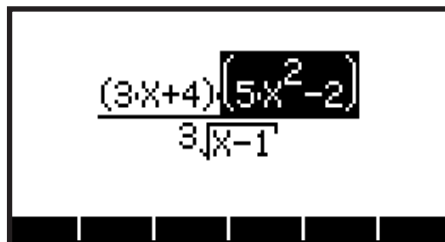
Choose to input and view equations and expressions on the big 131 x 64 pixel, high contrast screen in textbook mode, just as they appear in textbooks or on the blackboard. For complex equations and expressions, you can minimize the need to scroll by selecting a smaller font size. There are four sizes and styles to choose from.

Customize your inputs and outputs

Choose from three input modes according to your preference: familiar textbook, traditional algebraic or efficient RPN, and two default-screen history display options: textbook or algebraic.

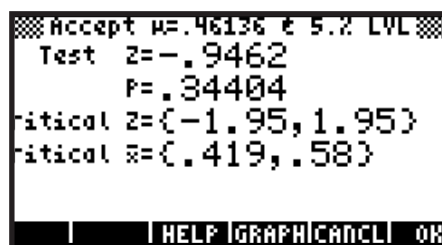
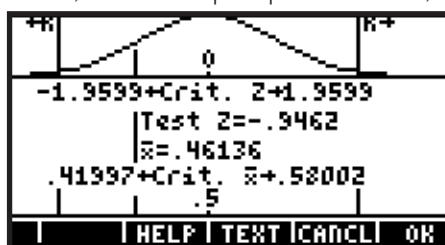
Fast, Flexible and Intelligent Editor

Edit expressions, text, graphs and programs quickly and easily just the way you want to. More than just a passive editor, you can isolate and evaluate sub-expressions as well as cut, paste, and copy objects, just like on a computer. Unsure how to correctly enter an equation or expression? The intelligent editor automatically inserts missing parentheses and prompts your next input, both in real-time.



Make a Statistical Inference!

The HP 49G goes beyond analyzing sample data. You can perform hypothesis tests, and measure confidence intervals that relate to a population. Input, view and edit sample data in a table format, similar to a computer spreadsheet or table, then plot the results.



TI-89 and 49G Comparison Table

Features	TI-89	HP 49G
Manufacturer	Texas Instruments	Hewlett-Packard
Description		
Scientific Programmable Graphing Calculator	◆	◆
Memory		
User Memory	512KB (188KB RAM, 384KB Flash ROM)	1.5MB (512KB RAM, 1MB Flash ROM)
Flash ROM for future electronic software upgrades	◆	◆
Operating Features		
Operating Modes	Algebraic - Entry Line Only	Algebraic/RPN/Textbook
Home/Default Screen Display Modes	Pretty Print*/Algebraic	Textbook/Algebraic
Home/Default Screen History Display	Results/Objects	Results/Objects
Built-in Fonts		4
Font Sizes		4
Cut / Paste / Copy Operations	◆	◆
Manipulating & Solving Sub-expressions		◆
Catalogue of Functions	◆	◆
Object Storage/Archiving	◆	◆
Date & Time (including Alarm Set)		◆
Automatic Insertion of missing parentheses in Real-time		◆
Automatic Prompting / Construction of Expression Syntax		◆
Math Features		
Built-in Computer Algebra System (CAS)	◆	◆
Mathematical Constants Library	◆	◆
Factorization & Expansion	◆	◆
Substitution	◆	◆
Differentiation & Integration	◆	◆
Differential Equations	◆	◆
Solving Systems of Linear Equations	◆	◆
Advanced Matrix Functions: symbolic eigenvalues & eigenvectors, under/over determined linear systems, diagonalization, Hilbert, Vandermonde		◆
Taylor polynomials	◆	◆
Advanced polynomial functions (e.g. orthogonal)		◆
Symbolic & Numeric Solve	◆	◆
Step-by-step Numeric & Symbolic Solve		◆
Real & Complex Numbers	◆	◆
Advanced Complex Arithmetic		◆
Exponential & Logarithmic Functions	◆	◆
Differential Geometry Tools (gradient, laplacian, hessian, rotational, divergence)		◆
Lists & Sequences	◆	◆
Advanced Trigonometry with hyperbolic functions, degrees, and radians		◆
Vector Operations (absolute magnitude, dot & cross product)	◆	◆
Scientific Features		
Physical Constants Library	◆	◆
Units-of-Measure Library	◆	◆
Unit Conversions	◆	◆
Statistical Features		
Inferential (hypothesis tests/confidence intervals)		◆
Descriptive (lists, single variable, frequencies, regression, summary)	◆	◆
Financial Features		
Time-value-of-money	◆	◆
Amortization	◆	◆
Graphing Features		
Tables	◆	◆
2D/3D Plotting	◆	◆
Function Analysis - Root, Extrema, Slope, Area, Intersection	◆	◆
Tracing & Zooming	◆	◆
Customizing Features		
Programming Languages	TI Basic	RPN/Assembly/HP Basic
Communication		
Unit-to-Unit Link Cable	◆	◆
Overhead Display Unit		◆
Data-logger	◆	◆
PC/Mac Connectivity Kits	◆	◆

* With Pretty Print - Exponents, roots, fractions, etc. are displayed in the same form in which they are traditionally written.

Visit our Web site at www.hp.com/calculators

For dealer referrals in the U.S call 1-800-752-0900

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