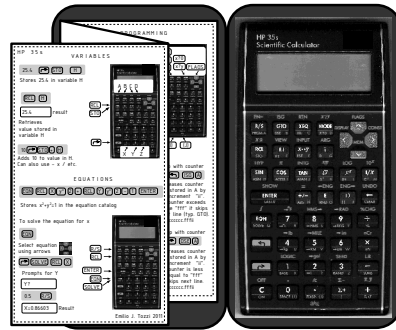


Quick guide for HP35s

Ready to print, cut, fold and store in calculator's case



©2011 Emilio J. Tozzi

In just one sheet of paper, this quick guide condenses key information needed to use the HP35s to its full potential.

Included in it is the use of variables, equation solving and programming.

Drawings are used to aid in finding keys

For more comprehensive details and examples please consult the official user's guide by HP, which is available in PDF format in their website.

HP 35s **VARIABLES**

25.4 \rightarrow **STO** **H**
Stores 25.4 in variable H

RCL **H**
25.4 result

Retrieves value stored in variable H

10 \rightarrow **STO** **+** **H**
Adds 10 to value in H.
Can also use - x / etc.

EQUATIONS

EQN **RCL** **X** **y^x** **2** **+** **RCL** **Y** **y^x** **2** **-** **1** **ENTER**
Stores $x^2+y^2=1$ in the equation catalog

To solve the equation for x

EQN
Select equation using arrows

SOLVE **RCL** **X**
Prompts for Y

Y?
0.5 **R/S**
X=0.86603 Result

©2011 Emilio J. Tozzi

HP 35s **PROGRAMMING**

\rightarrow **PRGM**
Sets program mode

\rightarrow **LBL** **A**
25.4 \div
RTN **C**
Stores program in A and leaves program mode

R/S **PRGM**
R/S
C

RUNNING A PROGRAM

5 **XEQ** **A** **ENTER**
0.19685 result

PROGRAMMING

INPUT **R**
Prompts for R and stores it. User presses **R/S** to resume

VIEW **R**
Displays R. User presses **R/S** to resume

VIEW **R** \rightarrow **PSE**
Displays R for 1 second and resumes automatically

©2011 Emilio J. Tozzi

HP 35s **PROGRAMMING**

FLAGS **1** **0**
EQN **RCL** **H** **RCL** **E** **RCL** **L**
RCL **L** **RCL** **0** **ENTER**
FLAGS **2** **0**
Displays message "Hello"

GTO **A** **0** **0** **5**
Unconditional jump to label A005

Conditional jumps

\rightarrow **x?0** ? chosen from menu
 \leftarrow **x?y** ? chosen from menu

Executes next step if true.
Skips next step if false.

XEQ **B** **0** **0** **1**
Executes subroutine in B

Indirect addresses (I) and (J)

100
STO **I**
12345
STO **(I)**
Stores value 12345 in unnamed variable 100

Value Address
-1 to -26 A to Z
-27 to -32 Stat registers
0 to 800 Unnamed variables

Loop with counter
ISG **A**
Increases counter "c" stored in A by an increment "ii". If counter exceeds value "fff" it skips next line (typ. **GTO**). A= ccccc.fffii

Loop with counter
 \rightarrow **DSE** **A**
Decreases counter "c" stored in A by an increment "ii". If counter is less or equal to "fff" it skips next line. A= ccccc.fffii

©2011 Emilio J. Tozzi

Cut along dashed line

Disclaimer: Although every effort has been made to ensure accuracy and reliability, the information on this guide is presented without warranty of any kind, and Emilio Tozzi assumes no liability for direct or consequential damages caused by its use. It is up to you, the user, to determine the suitability of, and assume responsibility for, the use of this information. This guide is not endorsed by HP. The "HP" logos and trademark "HP" belong to the Hewlett Packard Company