TI-68 Quick Reference Card

Keys That Have Inverse Functions

2nd [DRG►]	2nd [►DD]	2nd [in-cm]
SIN TAN	HYP SIN	2nd [gal-l]
COS Σ+	HYP COS	2nd [lb-kg]
2nd [P►R]	HYP TAN	3rd [°F-°C]

Statistics (Either 1-Variable or 2-Variable)

This is an example of 2-variable data. When beginning a new data set, press 2nd [CS] Y.

Enter Data   Data set: (4,5), (4,5), (9,9), (2,3)

4 , 5 3rd [FRQ] 2 Σ+
9 , 9 Σ+ 2 , 3 Σ+ (4 items)

View Results

Mean x	2nd [x̄] ENTER	4.75
Mean y	2nd [ȳ] ENTER	5.5
Grouped sums	3rd [Σxy]	Σx = 19
	2nd [NEXT]	Σy = 22

Predict y' for x = 2.5

3rd [y'] 2.5 ENTER   3.607476636

Syntax Reminders

Function	Syntax
Powers (universal)	*number* yˣ *power*
Roots (universal)	*root* 2nd [ˣ√⁻] *number*
Reciprocal	*number* x⁻¹
Permutation	*set* 3rd [nPr] *subset*
Combination	*set* 3rd [nCr] *subset*
Delta percent	*number* 2nd [Δ%]
	compared to
Rectangular number	(*x* , *y*)
Polar cplx. number	(*r* 2nd [∠] *angle*)
Rectangular to polar	(*x* , *y*) INV 2nd [P►R]
Deg/min/sec number	*deg* DMS *min* DMS *sec* DMS
Nand	3rd [NOT] (*n* 3rd [AND] *n*)
Two's compliment	3rd [2's] *number*
Designate hex	*number* ALPHA <h>
Designate octal	*number* ALPHA <o>
Designate binary	*number* ALPHA <b>
Store	*number* STO *VAR*
Recall	RCL *VAR* ENTER
Exchange	*number* 3rd [EXC] *VAR*

After typing an expression, execute with ENTER.

(more on other side)

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Name of a Variable or Formula
First character is a letter. A second or third character can be a letter, a number, or omitted.

Formula Routine
Evaluate $y = 3x^2$ at $x = .5$ and 1.5.

Procedure	Press	Display
Begin	2nd [FMLA]	Name?
Type formula	ALPHA Y ENTER 3 ⨯ ALPHA X x^2	$Y = 3 \times X^2$
Save formula	ENTER	Solve YN?
Proceed	Y	X = ?
Enter X	.5 ENTER	Review YN?
Evaluate	N	Y = 0.75
Repeat	SOLVE	X = .5
Enter next X	1.5 ENTER N	Y = 6.75

To integrate, press 3rd [dx] in response to a variable prompt in the formula.

Reviewing Formula List
Press 2nd FMLA ENTER to display the first formula. Continue pressing 2nd NEXT until all formulas have been displayed.

Exiting from Formula or Variable List
Press 2nd EXIT to exit from a list.

Calculator Settings
(Press until the desired indicator appears.)

Angle Units (affects trigs, P-R)	3rd [DRG>]
Number Base	3rd [BASE>]
Form of Complex Results	3rd [RP>]
Notation of Results	3rd [ScEn>]
Digits of Precision	2nd [13>]
Fix decimal to n = 0...9 places:	2nd [FIX] n
Remove fixed decimal:	2nd [FIX] ·

Last Equation and Last Answer
2nd [EQU] retrieves the last equation.
2nd [ANS] retrieves the last answer.