

TI-35X Quick Reference Card

Reminder—If the calculator does not respond as you expect, it may be in a special mode. Press **[OFF]** **[ON/C]** to restore the calculator to normal settings.

Display Formats	To Select	To Unselect
Fix to n=0...9 places	[2nd] [FIX] n	[2nd] [FIX] [\square]
Floating Decimal	[3rd] [FLO]	Select SCI or ENG
Scientific Notation	[3rd] [SCI]	Select FLO or ENG
Engineering Notation	[3rd] [ENG]	Select FLO or SCI

Modes

Each time you select a number-base mode, the displayed number is converted to the new number base.

Decimal	[3rd] [DEC]	Base 10 (normal use)
Binary	[3rd] [BIN]	Base 2
Octal	[3rd] [OCT]	Base 8
Hexadecimal	[3rd] [HEX]	Base 16
Statistics	[STAT 1] or [STAT 2]	Statistics calculations

Math

Powers	Calculate $5^{1.83 + 3}$. 5 [y^x] (1.83 [+] 3) [=]	2376.977774
Roots	Calculate $\sqrt[5]{7}$. 7 [2nd] [$\sqrt[y]{x}$] 5 [=]	1.475773162
Reciprocals	Find the reciprocal of 3.2. 3.2 [1/x]	0.3125
Factorials	Calculate 11!. 11 [3rd] [x!]	39916800.
Percentages	Find 24.95 with 6% add-on. 24.95 [+] 6 [3rd] [%] [=]	26.447
Logs and Antilogs	Find $e^{(\ln 2 + 3)}$. (2 [LN] [+] 3) [2nd] [e^x]	40.17107385
Hyperbolics	Calculate $\tanh^{-1}(.1)$. .1 [HYP] [2nd] [TAN⁻¹]	0.100335348
Conversion to DD	Express $5^\circ 10' 01.2''$ in decimal form. 5.10012 [2nd] [\rightarrowDD]	5.167
Conversion to DMS	Express 5.167° in deg/min/sec form. 5.167 [3rd] [\rightarrowDMS]	$5^\circ 10' 01'' 20$

Probability

Permutations (DEC mode)	n [x^y] r [2nd] [nPr]
Combinations (DEC mode)	n [x^y] r [3rd] [nCr]

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Trigonometry

To select DEG, RAD, or GRAD, press $\boxed{2nd}$ [DRG] until the angle unit you need is indicated ($\boxed{3rd}$ [DRG \blacktriangleright] converts).

Rectangular to Polar (DEC mode)	Convert (8, -6) to polar	
	8 $\boxed{x \rightarrow y}$ 6 $\boxed{+/-}$ $\boxed{3rd}$ [R \blacktriangleright P]	10.
	$\boxed{x \rightarrow y}$	-36.86989765
Polar to Rectangular (DEC mode)	Convert (9, 83 $^\circ$) to rectangular	
	9 $\boxed{x \rightarrow y}$ 83 $\boxed{2nd}$ [P \blacktriangleright R]	1.096824091
	$\boxed{x \rightarrow y}$	8.932915365

Statistics—1-Variable

Enter Data	Data set (four items): 9, 4, 4, 5	
	$\boxed{3rd}$ [STAT 1] 9 $\boxed{\Sigma+}$	
	4 $\boxed{2nd}$ [FRQ] 2 $\boxed{\Sigma+}$ 5 $\boxed{\Sigma+}$	4.
View Results		
Mean	$\boxed{2nd}$ [\bar{x}]	5.5
Sample Standard Dev.	$\boxed{2nd}$ [σ_{xn-1}]	2.380476143
Revising the Data Set	Remove 9 and add 11.	
	9 $\boxed{2nd}$ [$\Sigma-$] 11 $\boxed{\Sigma+}$	4.

Statistics—2-Variable

Enter Data	Data set (four items): (4,5), (4,5), (9,9), (2,3)	
	$\boxed{3rd}$ [STAT 2] 4 $\boxed{x \rightarrow y}$ 5 $\boxed{2nd}$ [FRQ] 2 $\boxed{\Sigma+}$	
	9 $\boxed{x \rightarrow y}$ 9 $\boxed{\Sigma+}$ 2 $\boxed{x \rightarrow y}$ 3 $\boxed{\Sigma+}$	4.
View Results		
Mean y	$\boxed{2nd}$ [\bar{y}]	5.5
Sample Standard Dev. y	$\boxed{2nd}$ [σ_{yn-1}]	2.516611478
Enter x' to predict y'	2.5 $\boxed{2nd}$ [y']	3.607476636

Fractions

Pure (Example: 7/8)		7 $\boxed{ab/c}$ 8
Mixed (Example: 6 7/8)	6 $\boxed{ab/c}$ 7 $\boxed{ab/c}$ 8	
Alternate between proper/improper form		$\boxed{2nd}$ [d/c]
Alternate between fraction/decimal		$\boxed{3rd}$ [F \blacktriangleleft \blacktriangleright D]

Memory

Store	Store displayed number in memory 1.	\boxed{STO} 1
Recall	Display contents of memory 2.	\boxed{RCL} 2
Sum	Add displayed number to memory 3.	$\boxed{2nd}$ [SUM] 3
Exchange	Exchange displayed number with contents of memory 3.	$\boxed{3rd}$ [EXC] 3