



Graphing Calculator Comparison Sheet

FEATURE			fx-CG500 PRIZM CAS	ClassPad II fx-CP400	fx-CG50 PRIZM	fx-CG10 PRIZM	fx-9850GH	fx-9750GII
HARDWARE	Display	Dot Matrix	320 x 528	320 x 528	384 x 216	384 x 216	128 x 64	128 x 64
		LCD (color)	High Color	High Color	High color	High color	Monochrome	Monochrome
		LCD (diagonal size)	4.8"	4.8"	3.17"	3.17"	2.97"	2.63"
		Status Bar	X	X	X	X	-	-
		Back-light	X	X	X	X	X	-
	CAS		X	X	-	-	-	-
		Memory (Bytes)	500KB	500KB	60KB	60KB	61KB	61KB
	Storage Memory Area (Flash Memory)		5.5MB (eAct) 24.0MB (FlashDrive)	5.5MB (eAct) 24.0MB (FlashDrive)	16MB	16MB	1.5MB	-
	Power Supply	Main	AAA x 4	AAA x 4	AAA x 4	AAA x 4	AAA x 4	AAA x 4
		Rechargeable Battery Available	X	X	X	X	-	-
Approximate Battery Life (hours)		100h (Alkaline)	100h (Alkaline)	140h	140h	200h	230h	
Exam Mode		-	-	X	X	X	-	
SYSTEM	Inputting	Stylus	X	X	-	-	-	-
		Keyboard	Soft Keyboard (ABC only)	Soft Keyboard	X	X	X	X
DISPLAY	MENU		Menu, Icon	Menu, Icon	Function Menu, Icon	Function Menu, Icon	Function Menu, Icon	Function Menu, Icon
	Natural Textbook Display	Input / Output	X	X	X	X	X	-
	(Math Print by TI)	Poly/Siml Result	X	X	X	X	X	-
	Irrational Number on Natural Display		X	X	X	X	X	-
	Manissa+ Exponent Digits		10+3	10+3	10+2	10+2	10+2	10+2
STANDARD CALCULATION	Differential Coefficient of Second Order		X	X	X	X	X	X
	MOD_exponential		-	-	X	X	X	X
	Simplify for Fraction		X	X	X	X	X	X
	Int+/-		-	-	X	X	X	X
	Rmdir		-	-	X	X	X	X
	MOD (Remainder)		X	X	X	X	X	X
	GCD/LCM		X	X	X	X	X	X
	Random		X	X	X	X	X	X
	Integer		X	X	X	X	X	X
			X	X	X	X	X	X
GRAPHING	X=f(y) Graph		X	X	X	X	X	X
	Inequality Graph		X	X	X	X	X	X
	3D Graph		X	X	X	-	-	-
	Composite Function Graph		X	X	X	X	X	X
	MODIFY		X	X	X	X	-	-
Copy Modified Expression		-	-	X	X	-	-	
Slider		X	X	-	-	-	-	
DYNAMIC			X	X	X	X	X	
DIFFERENTIAL EQUATION GRAPH			X	X	-	-	-	
CONICS			X	X	X	X	X	
Graph Type		Pol/Param Format	-	-	X	X	X	
TABLE			X	X	X	X	X	
Color			X	X	X	X	-	
REGRESSION			3 Formulas	3 Formulas	3 Formulas	3 Formulas	3 Formulas	
Cob-WEB			X	X	X	X	X	
Color			X	X	X	X	-	
MATRIX	Operation		X	X	999*999	999*999	999*999	999*999
	Number of Available Matrices		X	X	26	26	26	26
Complex Number Availability			X	X	X	X	X	
VECTOR			X	X	X	X	-	
LIST			X	X	X	X	X	
STATISTICS	Frequency (for Decimal Value)		X	X	X	X	X	X
	STAT TEST		X	X	X	X	X	-
	Confidence Interval		11	11	11	11	11	11
	Distribution		8	8	6	6	6	6
			24	24	24	24	24	24
	HyperGeometric		X	X	X	X	X	X
	Probability Simulation		X	X	(Add-In)	(Add-In)	(Add-In)	-
FINANCIAL (TVM)			X	X	X	X	X	
Function			X	X	X	X	X	
Depreciation			X	X	X	X	X	
Bond Calculation			X	X	X	X	X	
EQUATION	Simultaneous Equations		X	X	X	X	X	X
	n-th (Maximum)		X	X	X	X	X	X
	Complex Number Availability		24	24	6	6	6	6
			X	X	X	X	X	

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Polynomial Equation			X	X	X	X	X	X
	Degree (Maximum)		30	30	6	6	6	6
SOLVE			X	X	X	X	X	X
	Solve for Multi Solution		X	X	X	X	X	X
SPREADSHEET	Graph	Regression (10 Functions)	X (8)	X (8)	X	X	X	-
		Pie Chart	X	X	X	X	X	-
		Bar Chart	X	X	X	X	X	-
			X	X	X	X	X	-
e-ACTIVITY			X	X	X	X	X	-
PROGRAM			X	X	X	X	X	X
LOGIC			X	X	X	X	X	X
BASE-N			X	X	X	X	X	X
GEOMETRY			X	X	(Preloaded)	(Preloaded)	(Preloaded)	-
SCIENCE			(Preloaded)	(Preloaded)	X	X	X	X
	Periodic Table		(Preloaded)	(Preloaded)	(Preloaded)	(Preloaded)	(Add-in)	-
	Scientific Constants		(Preloaded)	(Preloaded)	(Preloaded)	(Preloaded)	(Add-in)	-
	Metric Conversion		-	-	(Preloaded)	(Preloaded)	X	X
PICTUREPLOT Graphs on the Picture			X	X	X	X	-	-
TEXT EDITOR			X	X	-	-	-	-
SENSOR CONNECTION			X	X	X	X	X	X
COMMUNICATION	USB		X	X	X	X	X	X
		Mass Storage	X	X	X	X	-	-
	3pin Cable		X	X	X	X	X	X
		Add-in	-	-	X	X	X	-
	Direct Projector Connection	Gaslo Projectors	X	X	X	X	X	X
OTHER	Catalog	Command List	X	X	X	X	X	X
		Catalog Help	-	-	-	-	X	-
		Category Display	-	-	X	X	X	X
	Undo		X	X	X (Math Input)	X (Math Input)	X (Math Input)	-
	Clipboard		X	X	X	X	X	X
	Color Brackets		-	-	X	X	-	-
	User/School Name Registration		X	X	X	X	-	-