

Non-graphing Instructional Units	TI-108	MathMate	TI-10	TI-15 Explorer™	Math Explorer™	TI-34 II Explorer Plus™	TI-30Xa	TI-30X IIS	TI-30X IIB	TI-36X Solar
Display/Digits										
1-line (# of digits)	8	8			8		10+2			10+2
2-line (# digits top/bottom)			11/11	11/11		11/10+2		11/10+2	11/10+2	
General Functions										
Function/mode menus			x	x		x		x	x	
Scrolling keys			x	x		x		x	x	
Review/Edit previous entries			x	x		x		x	x	
Clear last entry, all clear	x	x	x	x	x	x	x	x	x	x
Backspace			x	x	x	x	x	x	x	x
Fixed Whole Number/Place Decimal			x/x	x/x	/x	/x	/x	/x	/x	/x
Rounding keys			x	x						
Mathematics										
Operating System	Standard	AOS**	EOS***	EOS***	AOS**	EOS***	AOS**	EOS***	EOS***	AOS**
+, -, x, divide	x	x	x	x	x	x	x	x	x	x
Integer Division			x	x	x	x				
Change Sign (+/-)	x	x	x	x	x	x	x	x	x	x
Parentheses		x	x	x	x	x	x	x	x	x
Square Root	x	x		x	x	x	x	x	x	x
Symbolic Pi				x	x	x	x	x	x	x
Constant										
Operation key(s)	1	1	2	3	1	3	1	1	1	1
Problem Solving										
Automatic or Manual Problem Solving			x	x						
Enter Unknown Variable and Operation			x	x						
Place Value			x	x						
Inequalities			x	x						
Fraction Functions										
Proper(stacked) Fractions				x						
Fraction->Decimal				x	x	x	x	x	x	x
Decimal->Fraction				x	x	x	x	x	x	x
Mixed Numbers <-> Fractions				x	x	x	x	x	x	x
Percent>Fraction>Decimal				x		x		x	x	x
Simplify Step-Step/Auto			x/x	x/x	x/	x/x	/x	/x	/x	/x
Advanced Math Functions										
X ² , square root						x		x		
Exponents, y ^x				x	x	x	x	x	x	x
xth root							x	x	x	x
Cube root						x	x	x	x	x
Log, Ln, 10 ^x , e ^x						x	x	x	x	x
DMS->DD, DD->DMS						x	x	x	x	x
P->R, R>P						x	x	x	x	x
nPr, nCr, x!						x	x	x	x	x

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Trigonometry										
Sin, Cos, Tan and Inverses						X	X	X	X	X
Hyperbolic and Inverses						X	X	X	X	X
DEG/RAD						X	X	X	X	X
GRAD							X	X	X	X
Statistics										
One-and Two-Variable Statistics						Two	One	Two	Two	Two
Mean, Sum, Sum of Squares						X	X	X	X	X
Standard Deviations						X	X	X	X	X
Slope Y-intercept, Calculated x' and y'						X		X	X	X
Memory										
Store	X	X	X	X	X	X	X	X	X	X
Recall (MR)	X	X	X	X	X	X	X	X	X	X
Recall and Edit Individual Values			X	X		X		X	X	X
Special Features										
Automatic Power Down			X	X		X		X	X	
Protective Case	X	X	X	X	X	X	X	X	X	X
Quick reference card			X	X	X	X	X	X	X	X
Power										
Dual* (Solar and battery)			X	X		X		X		
Solar	X	X			X			X		X
Battery							1 Lithium		1 Lithium	

*Solar and battery power. Operates in well-lit areas using solar cell. Operates in other light settings using battery. Retains settings and previous entries even when the calculator is turned off.

**Algebraic Operating System (AOS™)

***Equation Operating System (EOS™)