

TI Information

MODE Graph... Display Digits... Angle... Exponential Format... Complex Format Pretty Print... Exact/Approx	FUNCTION FLOAT 12 RADIAN NORMAL REAL ON AUTO	Exact vs. Decimal response If decimal point in entry, get decimal response. If no decimal point in entry, (a) ENTER gives exact response if possible (b) DIAMOND ENTER gives decimal response
DIAMOND X Cut DIAMOND C Copy DIAMOND V Paste		F1/8:Clear Home Cleans up screen and resets function count

F2 Algebra

1:solve(e.g., solve($x^2 - x - 6 = 0, x$) solve($x^2y - y^2 + 4y = 3, y$)	Note: variable name at end
2.:factor(e.g., factor($x^2 - x - 6$)	
3:expand(e.g., expand($(x^2 - 5x + 7)(x - 3)$)	
4:zeros(e.g., zeros($x^2 - x - 6, x$)	Note: variable name at end
6:comDenom(e.g., comDenom($1/(x - 3) + x/(x + 2) - 1/x$)	
7:propFrac(e.g., propFrac($(x^3 - 3x^2 + 2x - 1)/(x + 4)$)	Poly. division
B:Extract ►		
1:getNum(e.g., getNum($(x - 5)/(x + 3)$)	}
2:getDenom(e.g., getDenom($(x - 5)/(x + 3)$)	

F4 Other

1:Define e.g., Define $f(x) = 2x^2 + 3x$
 Then if enter $f(t + 3)$, the answer would be $2t^2 + 15t + 27$

F6 Clean Up

1:Clear a-z... Clears all single letter variables and functions from memory

Temporary Restriction Operator “|”: Obtained by pushing 2nd **K** on the Voyage 200; it has its own key on the TI 89

e.g., $\begin{cases} x^2 + 5x - 8/x = 2 & \text{answer: } \mathbf{6} \\ x^2 + 5x - 8/x = t - 3 & \text{answer: } t^2 - t - 14 \end{cases}$