

Falling Back in Love With Your TI-84 Plus CE Graphing Calculator Just in Time for Back to School



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You've kicked back for a much needed summer break, but now it's time to dust off your calculator because your new students will be coming soon, and they might not be as excited about returning to math class as you are.

Join the presenters as they share ideas for activities you can use with students to get them to love mathematics as much as we all do.

This session will explore:

- Graphing functions and the relationships between the equation, table and graph
- Expressions using the home screen and tables
- Inequality graphing and applications
- Geometric transformations

Home Screen: Math Templates

Calculator soft keys: [F1][F2][F3] [F4]

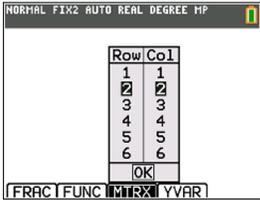
ALPHA | Y=



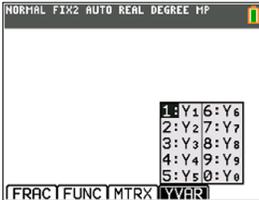
ALPHA | WINDOW



ALPHA | ZOOM



ALPHA | TRACE



$$\frac{1}{3} + \frac{2}{5}$$

$$|-2 + 5|$$

$$\log_5 25$$

$$\begin{bmatrix} 2 & 5 \\ 5 & 0 \end{bmatrix} \cdot \begin{bmatrix} -2 \\ -5 \end{bmatrix}$$

Solve: $2x^2 + x - 15 = 0$

Functions

Let's graph $y = 2x^2 - 11x + 15$.

Geometric Transformation

NORMAL FLOAT AUTO REAL RADIAN MP					
L1	L2	L3	L4	L5	1
4	1				
0	5				
1	6.5				
2	7				
3	6.5				
4	5				
5	6.5				
6	7				
7	6.5				
8	5				
4	1				

L1(1)=4

Inequality Graphing Application