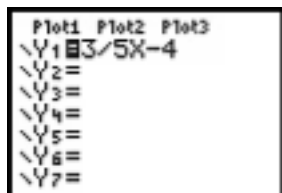


TI-83/TI-83 Plus Procedure 4: *Graphing Functions*

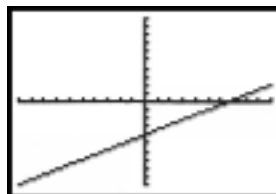
Example

Graph the function $y = \left(\frac{3}{5}\right)x - 4$, using the standard viewing window.

STEP 1: Press **Y=** **CLEAR** to remove any old equations. Use **X,T,θ,n** for the independent variable. Press **3** **÷** **5** **X,T,θ,n** **=** **4** to enter the example. The TI-83 will correctly interpret the order of operations as $\frac{3}{5}x$, not $\frac{3}{5x}$.



STEP 2: Press **ZOOM** and select **ZStandard** to view the graph in the standard viewing window. Choose **ZStandard** either by selecting the correct row with **↓** and pressing **ENTER**, or by pressing **6**.



Exercises

Graph each function in the standard viewing window.

1. $y = -3x + 2$

2. $y = -\frac{x}{2} - 3$

3. $y = |3x + 1|$

4. $y = x^2 - 1.3x - 5$