Follow the steps below to find the *x*-intercepts of a quadratic function using the graphing calculator

Find the *x*-intercept(s) for $y = x^2 - 5x + 3$.

Step 1: Enter quadratic equation into calculator for **[Y₁].**
Step 2: Enter 0 for **[Y₂].**
Step 3: Using left arrow **[◀]**, move cursor to line descriptor on the left of **[Y₂]** and press **[ENTER]** to bold this line.

Step 4: [GRAPH] *(Notice, y=0 is a bold line on the y-axis.)*

Recall: The x-intercept is where parabola intersects the x-axis or where y = 0.

Step 5: Since the *x*-intercept(s) (or zeros or roots) is where the graph intersects the *x*-axis, choose **5:intersect [ENTER].**

Step 6: Move the cursor or blinking light to one of the *x*-intercepts.

Step 7: Press **[ENTER] [ENTER] [ENTER]**.

One of the x-intecepts is (0.7, 0).

Step 8: Repeat **steps 5 to 7** to get second *x*-intercept.