Solving Equations with Technology

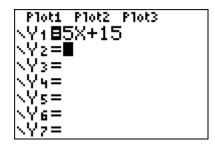
Finding Zeros

Find the zero of the function.

f(x) = 5x + 15

- 1. γ₌
- 2. Enter the function into $y_1 =$

3. Graph



4. 2nd Trace

Scroll down to select #2: Zero

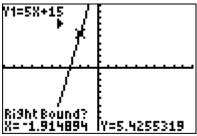
Scroll down to select #2: Zero

3: minimum
4: maximum
5: intersect
6: d9/dx
7: \f(x) dx

5. Move the cursor to the left of the zero and select Enter

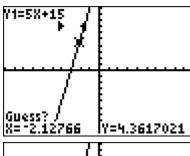
Y1=5X+15 LeftBound? X=-3.829787 Y=-4.148936

6. Move the cursor to the right of the zero and select Enter



7. Guess a value for the Zero and press

Enter



8. The zero is stated on the bottom of the screen. X =

