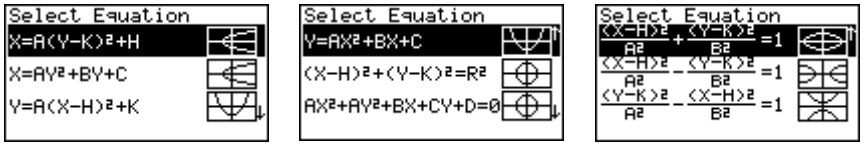
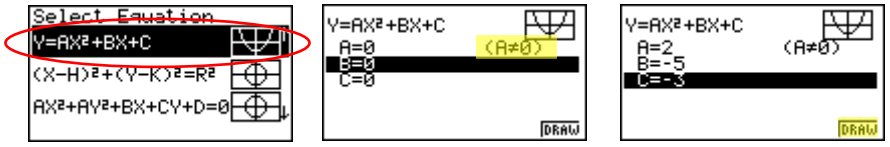
CONICS

This section is an overview of the CONICS Icon. To select this icon, you may highlight it and press EXE or press 9.

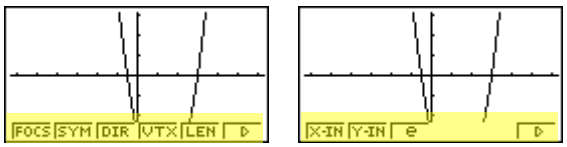
The initial CONICS screen allows you to choose from various conic functions, including rectangular, polar or parametric form. You may use the ▲ ▼ to select the equation of the function in accordance with the type of graph you want to draw. Once you have chosen the conic function you would like to graph, enter the coefficients of the function and then press DRAW F6.



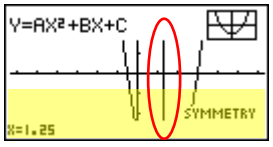
1. To view the graph of the conic: $y = 2x^2 - 5x - 3$, select the $y = AX^2 + BX + C$ form from the Conics formula menu.



In the Conics modes, when you press F5 (G-Solv), although you are still graphing a parabola like in the graphing section, notice how the vocabulary and options have changed to be conic specific.



2. For example, you can now examine the line of symmetry for this parabola as the equation of that line will be displayed.



You can continue to analyze different areas of this graph and the line of symmetry will still be displayed.