

CASIO Notes - Quadratic Equations

Graph a quadratic equation

- EQN Menu
- Enter equation in $y =$ format
- F6 - Draw (If you cannot see the graph, zoom out)

After graphing the equation you can do / find several things:

x-intercepts...also known as the roots or the solutions of the equation

after graphing the equation:

- F5 - G Solve
- F1 - root...this will find the first location where the graph passes through the x axis
- Press the right arrow \rightarrow to see the other root

Record both x - intercepts

min ...only if the parabola opens upward

- graph
- F5 - G Solve
- F3 - min this will give you the coordinates of the minimum point on the graph

max....if the parabola opens downward

- graph
- F5 G Solve
- F2 - max