

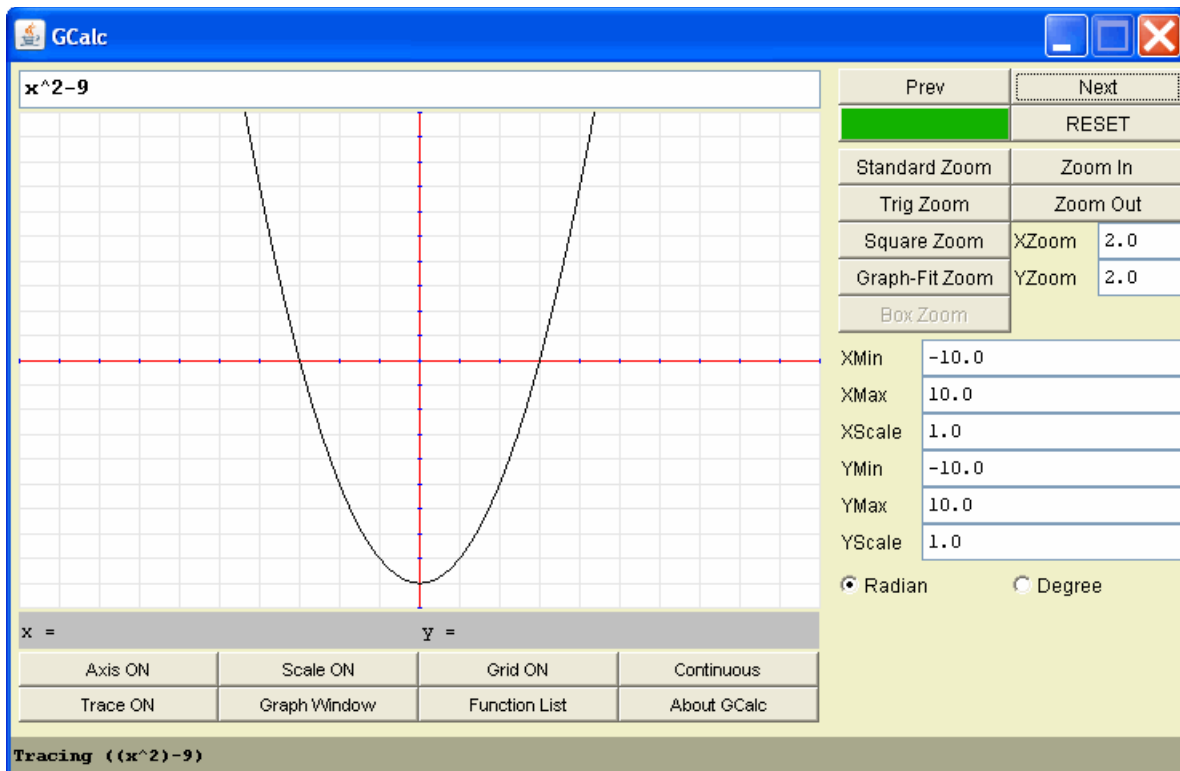
How to Graph with the GCalc2 Online Grapher

Copyright © 2009 Sally J. Keely. All Rights Reserved.

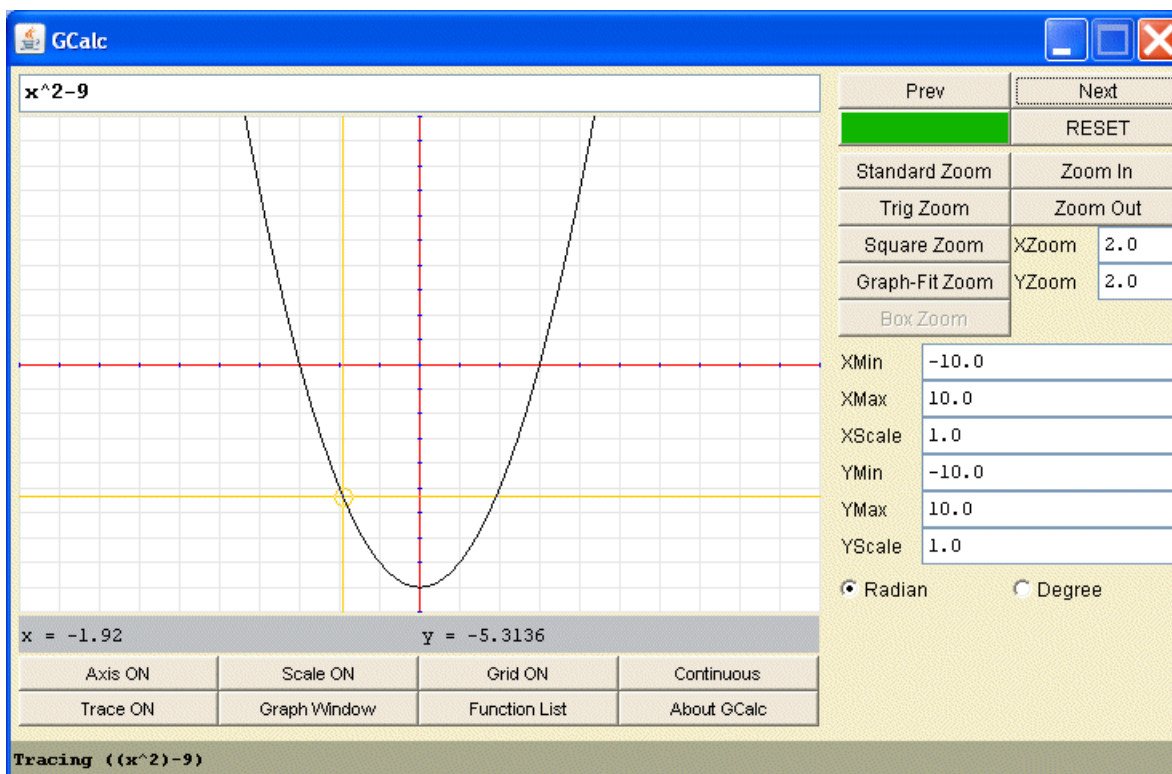
A very simple graphing program available free online and not requiring any downloads to your computer (thus you can access easily from multiple computers) is GCalc2 at www.gcalc.net. GCalc2 is useful for quickly producing a graph of a function but is not a robust graphing software, e.g., it does not have intercept or intersection finders. If you need a more full-featured grapher see [Where can I find a free online grapher or graphing software for my computer?](#)

Follow these steps to produce a graph on GCalc2.

Go to www.gcalc.net, click "GCalc 2 Applet". You will get a graphing window. In the top blank line type x^2-9 and press ENTER. Your graph will appear. I recommend you turn the Grid ON and the Trace ON by clicking the buttons at the bottom of the screen. Your window should now look like this:



Move your cursor into the graph area. With Trace ON you will see yellow crosshairs. As you move your cursor left and right the crosshairs will follow the graph and show you the coordinates of the point as $x =$ some number and $y =$ some number. An example point is shown below. Can you see that the coordinates of the yellow crosshairs point are $(-1.92, -5.3136)$?



To find the leftmost x-intercept point move the cursor left or right until the crosshairs are right on the x-intercept point. Your screen should look as shown below and indicate the intercept point at (-3,0).

