

DESMOS - FREE GRAPHING CALCULATOR

Homepage

The image shows a browser window with the URL <https://www.desmos.com> highlighted in a red box. A red arrow points from this box to a text box that says "Create free account so you can save graphs". Another red arrow points from this text box to a green "Create Account" button in the top right navigation bar. In the center of the page, there is a white callout box with the text "Explore math with Desmos" and "Graph functions, plot tables of data, evaluate equations, explore transformations, and much more - for free!". A red box highlights the words "for free!". A red arrow points from this box to a red "Launch Calculator >" button. At the bottom of the page, there are four feature sections: "Just Add Sliders" (with a graph icon), "Tables of Data" (with a table icon), "Regressions" (with a regression icon), and "Free iOS Apps" (with an app icon).

Desmos | Beautiful, Free M... x +

<https://www.desmos.com>

Create free account so you can save graphs

desmos About Partners Blog Careers [Create Account](#)

Explore math with Desmos

Graph functions, plot tables of data, evaluate equations, explore transformations, and much more - for free!

Launch Calculator >

Are you a math teacher? Check out our classroom activities at [teacher.desmos.com](https://www.teacher.desmos.com).

Just Add Sliders
Make your graphs more dynamic with sliders. Now with animations!

Tables of Data
From pre-algebra to statistics, tables are your most loyal ally in the battle to organize and visualize your data.

Regressions
Best-fit line? Done. Quadratic? Exponential? Sinusoidal? Absolutely. If you can write the equation, we'll try to regress it.

Free iOS Apps
Carry the power of Desmos in your pocket. Get our free iPhone and iPad apps now!

The image shows a screenshot of the Desmos Graphing Calculator web application. The interface includes a browser window at the top with the URL <https://www.desmos.com/calculator>. The main workspace features a coordinate plane with a grid. A red parabola is graphed, along with a green line and a black point at (2, -3). The left sidebar contains a list of items: a parabola equation $x^2 - 4x + 1$, a point $(2, -3)$, a line equation $-2x + 1$, and a note "Graphs of parabola, point, and line".

Red callout boxes with arrows point to various features:

- Help & user guide. Includes tours.** (points to the help icon in the top right)
- Create free account so you can save graphs.** (points to the "Create Account" button)
- Click to save graph** (points to the save icon in the top left)
- Graph settings** (points to the settings icon in the top right)
- Click to zoom in or out** (points to the zoom in and out icons in the top right)
- can "grab" graph and drag** (points to the graph area)
- can click on points on graph and view coordinates** (points to the point (2, -3) on the graph)
- Click to show keypad** (points to the keypad icon in the bottom right)

Text boxes on the left provide additional information:

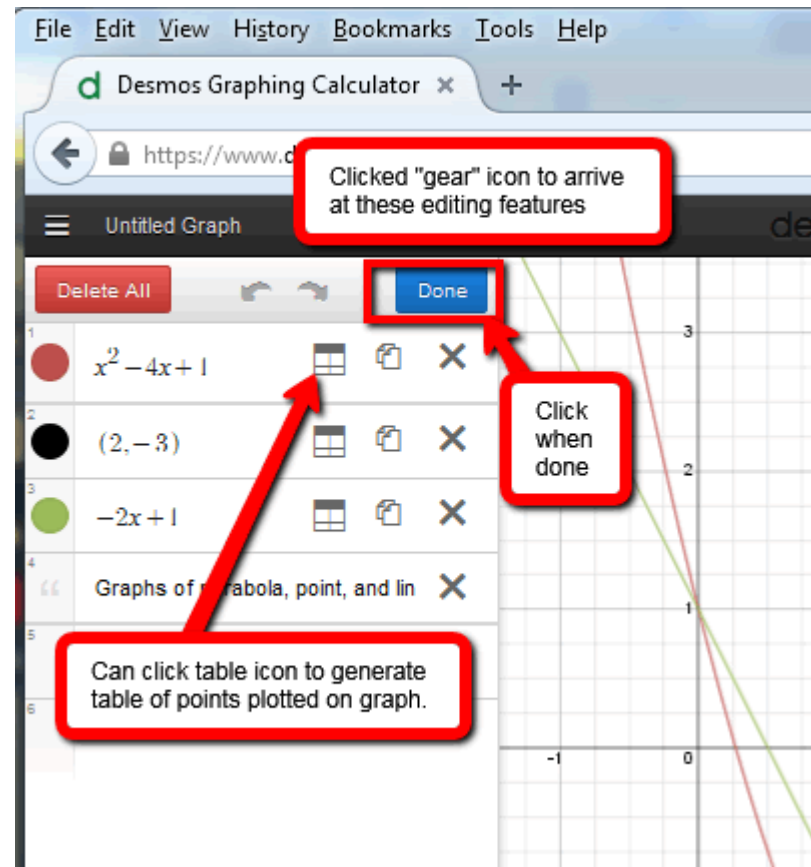
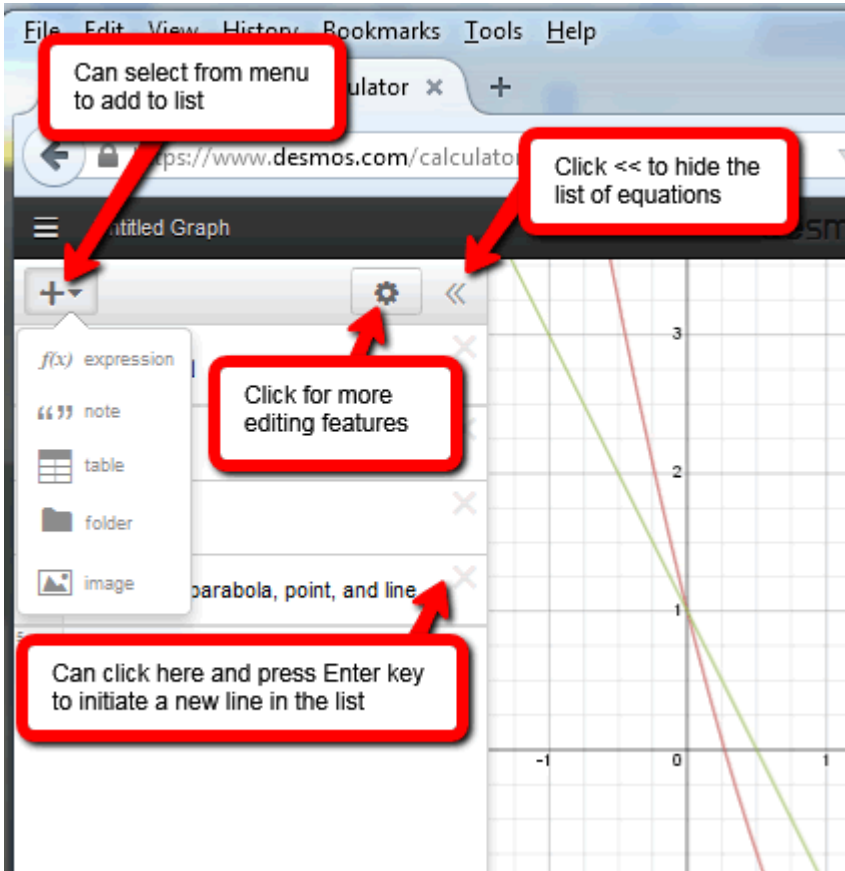
- Can graph functions, points, equations, and inequalities. Can add notes.**
- For a function, the "y=" is assumed, and can be omitted.**
Example:
 $y = -2x + 1$
and
 $-2x + 1$
produce the same graph.

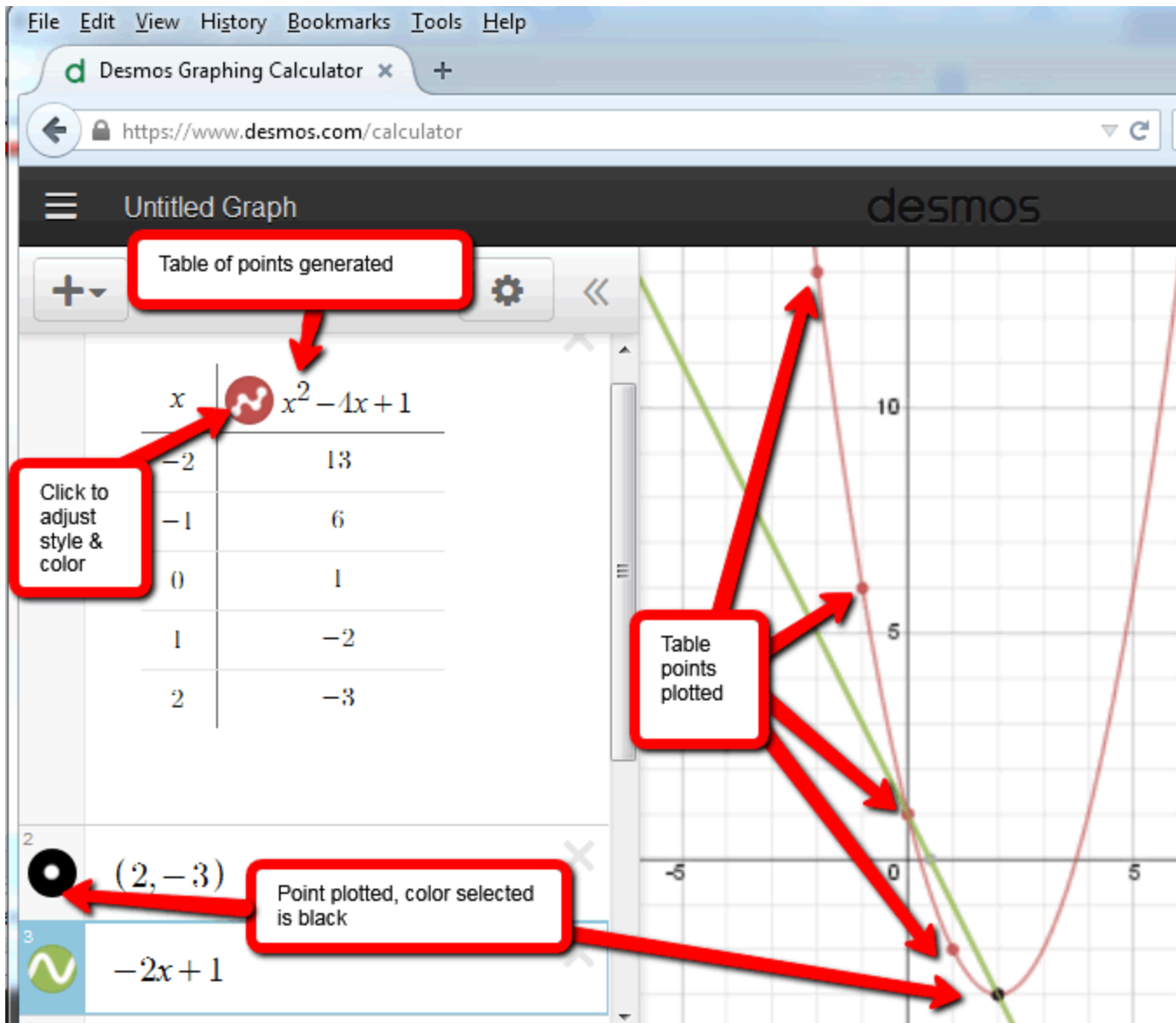
The bottom left corner of the interface says "powered by desmos".

The image shows a screenshot of the Desmos Graphing Calculator web application. The browser's address bar displays the URL <https://www.desmos.com/calculator>. The application title is "Untitled Graph". On the left side, there is a list of equations:

- 1 $x^2 - 4x + 1$
- 2 $-2x + 1$
- 4 Graphs of parabola, point, and line

A color selection menu is open for the second equation, $-2x + 1$. The menu has two sections: "style" with a radio button and "color" with several colored circles. A red arrow points to the "style" radio button, and a red callout box with the text "Can click and select color" is positioned next to it.





File Edit View History Bookmarks Tools Help

Desmos Graphing Calculator x +

https://www.desmos.com/calculator

Untitled Graph desmos Create Account or Sign In ?

Help & User Guide, with Tours

List of equations currently hidden. Click >> to show list.

Tours

User Guide

Page 4 of User Guide explains how to get an image of your graph that you can save

Tours

- Sliders
- Tables
- Restrictions
- Regressions

Resources

- Desmos User Guide
- Help Center

Feedback

Tweet @desmos Tell us on Facebook

type your question or suggestion...

Desmos Graphing Calculator

https://www.desmos.com/calculator

Untitled Graph

Create Account

Graph settings

Projector Mode

Graph Paper

Grid Square Grid

X-Axis
-6.306 < x < 22.164 Step: 10

Y-Axis
-9.96 < y < 19.745 Step: 10

Angles

x	$x^2 - 4x + 1$
-2	13
1	-2
2	-3

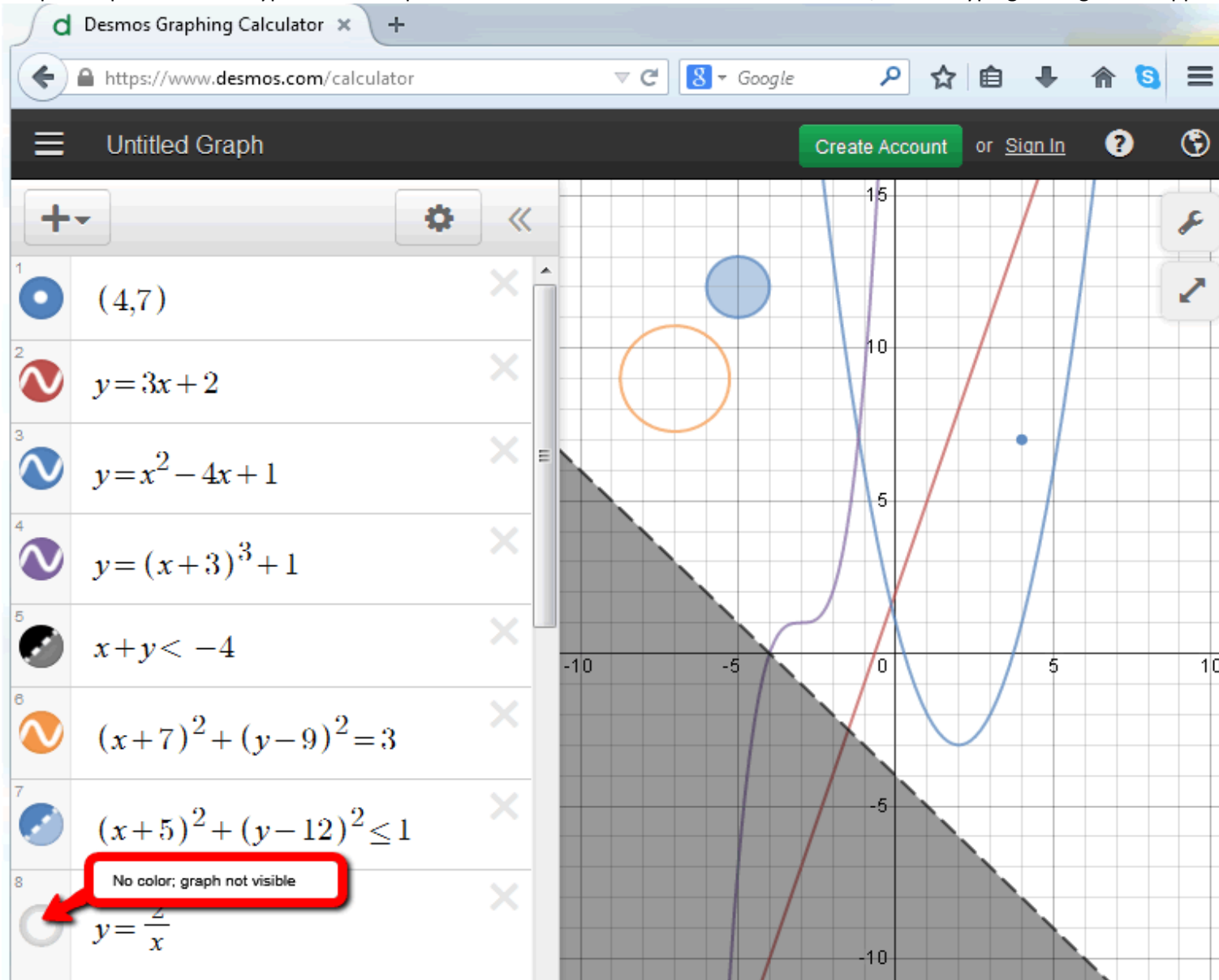
(2, -3)

$-2x + 1$

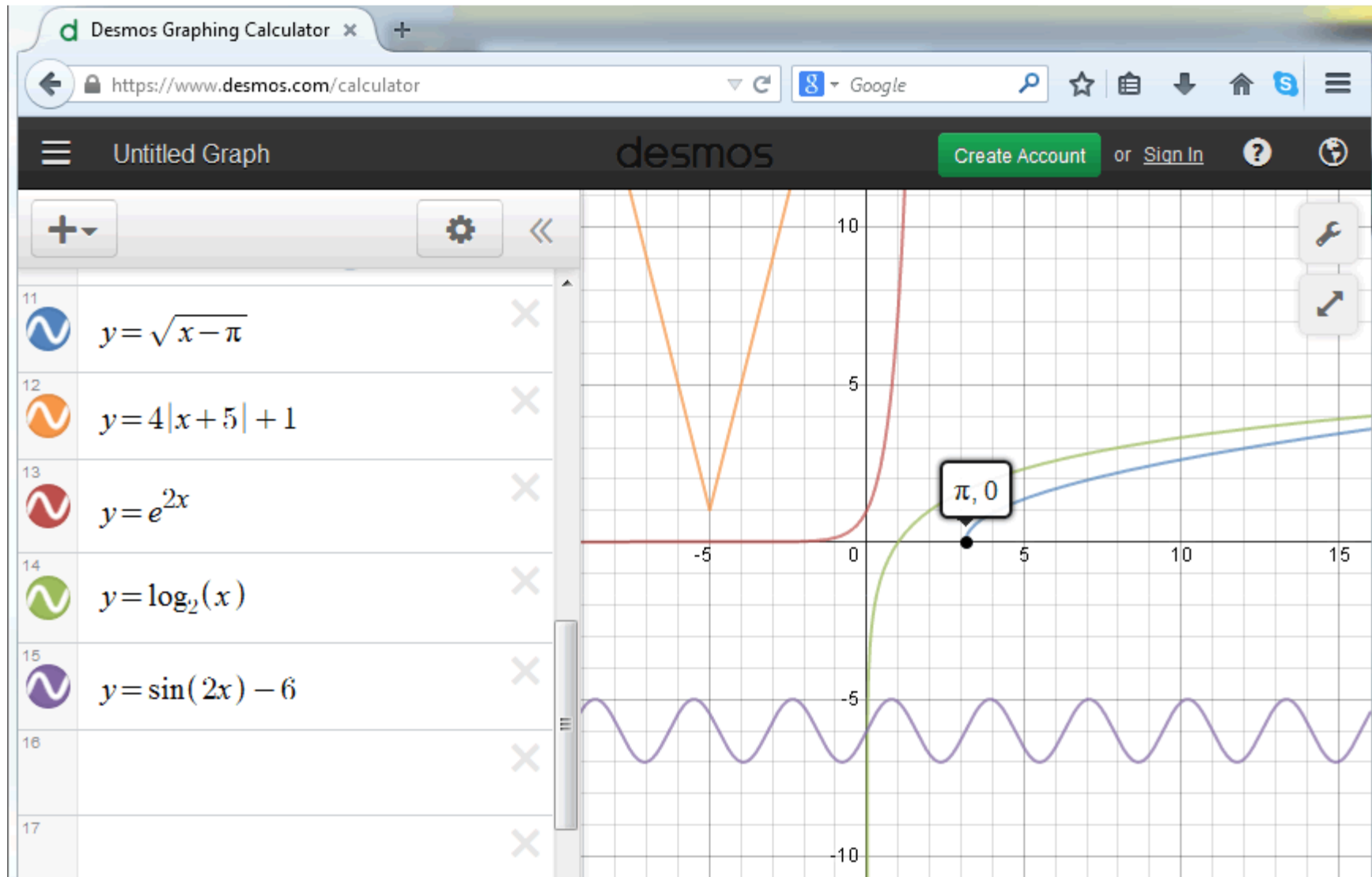
Graphs of parabola, point, and line

Can edit scales and units of measurement for angles

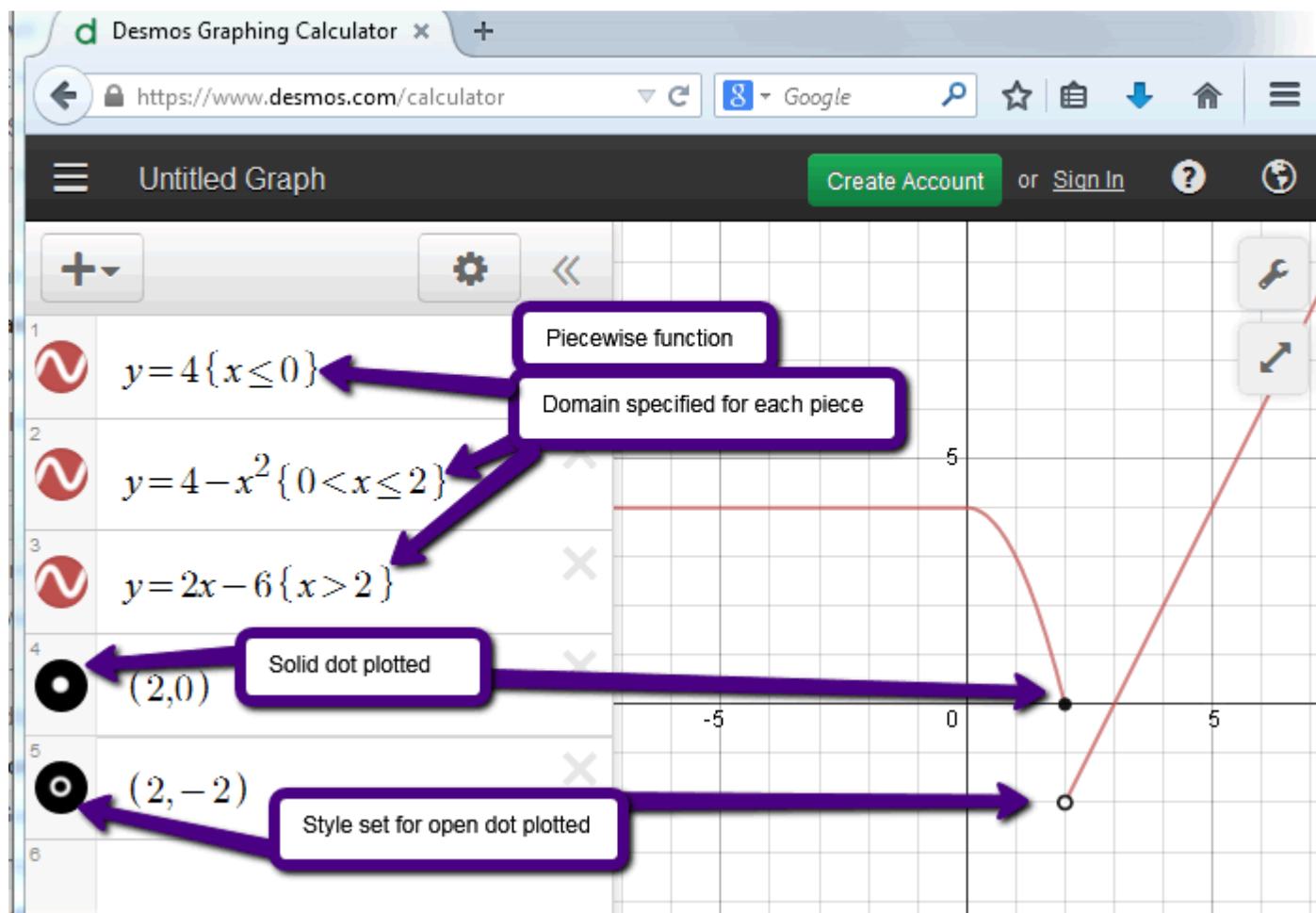
Sample Graphs. Can use keypad to enter special characters. There are also some shortcuts, such as typing \leq to get \leq to appear.



Sample Graphs. Can use keypad to enter special characters.



Sample Piecewise Function: Note the capability of specifying the domain for each piece, and for plotting points as either solid disks or open circles.



Sample Rational Function with asymptotes and featuring sliders

