desmos
QUICK START GUIDE

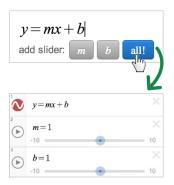Learn the basics of using the Desmos graphing calculator. For more information, be sure to read the Desmos User Guide (desmos.com/guide) and watch the how-to videos on our YouTube page (youtube.com/desmosinc). Happy graphing!

1. Sliders

$y = mx + b$

add slider: m b all!

$y = mx + b$

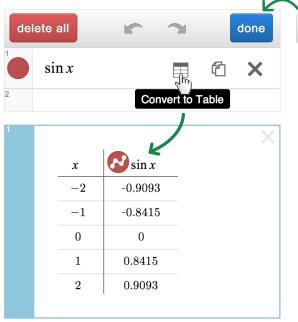$m = 1$
-10   10

$b = 1$
-10   10

Dynamically manipulate your expressions by adding a slider! Type a parameter in place of a number in your expression and click the button to add a slider. Drag the slider to change the value of the parameter or press the play button and we will slide it for you.

2. Tables of Data

+ ▾

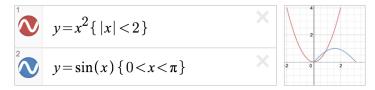$f(x)$ expression

❝❞ text

▦ table

To create a table of data, click the "Add Item" button and select table. You can convert an existing expression into a table in "Edit Mode" by clicking the "Convert to Table" icon.
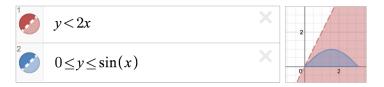
delete all   ↶ ↷   done   ⚙

$\sin x$ ▦ ⎘ ✕

Convert to Table

x	$\sin x$
-2	-0.9093
-1	-0.8415
0	0
1	0.8415
2	0.9093

3. Restrictions

You can restrict the domain or range of your expressions by adding the restriction onto the end of the expression:

$y = x^2 \{ |x| < 2 \}$

$y = \sin(x) \{ 0 < x < \pi \}$
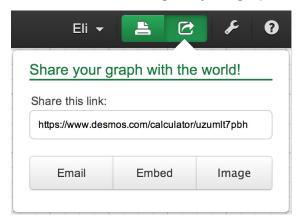
4. Inequalities

Use < and > for strict inequalities (dashed line) and ≤ or ≥ for non-strict inequalities (solid line). You can even shade between two curves!

$y < 2x$

$0 \leq y \leq \sin(x)$

5. Share and Print!

Click ⮫ **share** to get the permalink to your graph. You can also email your graph, get the embed code, or save an image of your graph.

Eli ▾   🖶   ⮫   🔧   ❓

Share your graph with the world!

Share this link:

https://www.desmos.com/calculator/uzumlt7pbh

Email   Embed   Image

Click 🖶 **print** to print an image of your graph along with the expressions!

Questions? Email us at calculator@desmos.com or tweet @desmos