

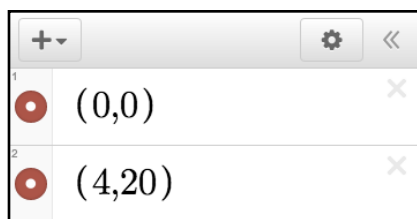
## Getting Ready

Open a web browser. Go do to [www.desmos.com](http://www.desmos.com).  
Launch the calculator.

## Passing Through Points

In this set of challenges, you'll be given a pair of points.

Start by plotting the two points in the expression list.  
Here's what Challenge 13 should look like:

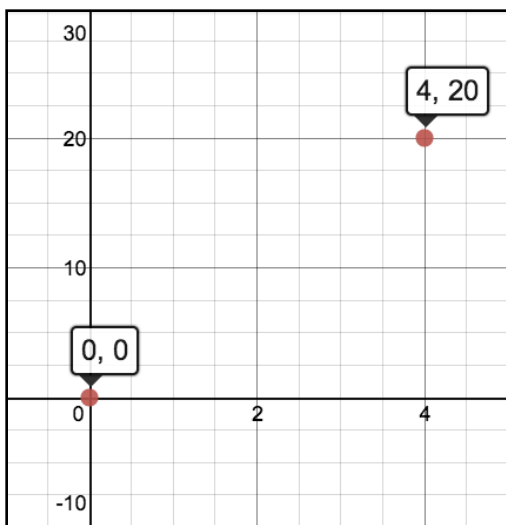


Then graph a line passing through the points.

For an extra challenge, restrict the domain to create a line segment connecting (but not extending beyond) the given points.

## Challenge 13

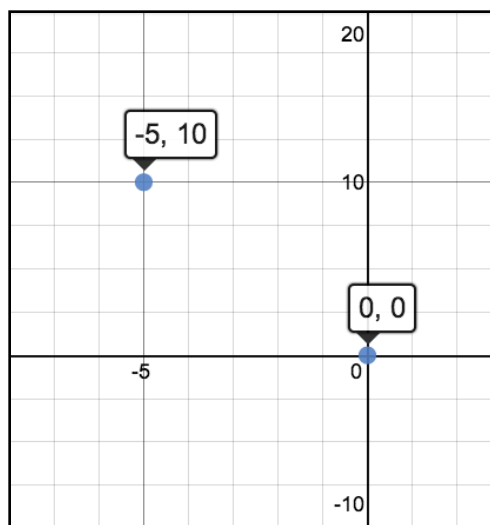
Can you use Desmos to graph a line passing through these two points?



Write your equation here.

## Challenge 14

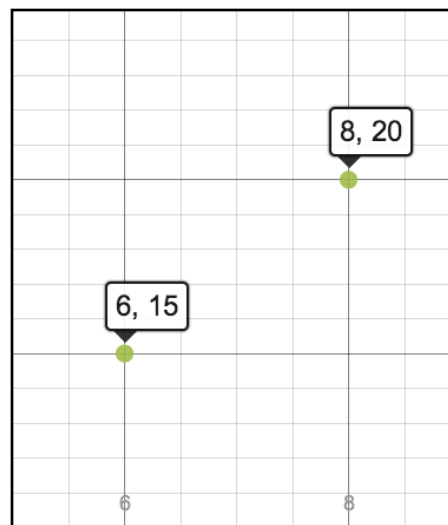
Can you use Desmos to graph a line passing through these two points?



Write your equation here.

## Challenge 15

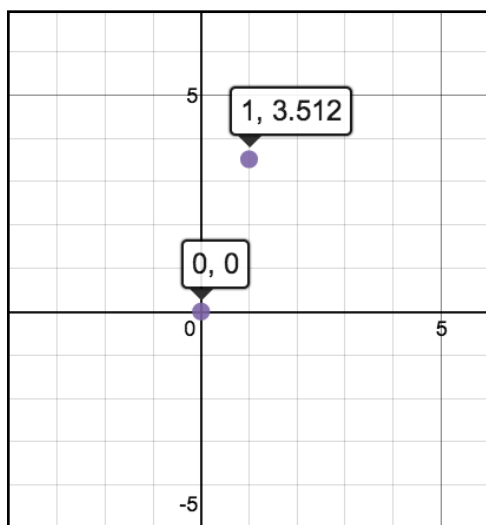
Can you use Desmos to graph a line passing through these two points?



Write your equation here.

### Challenge 16

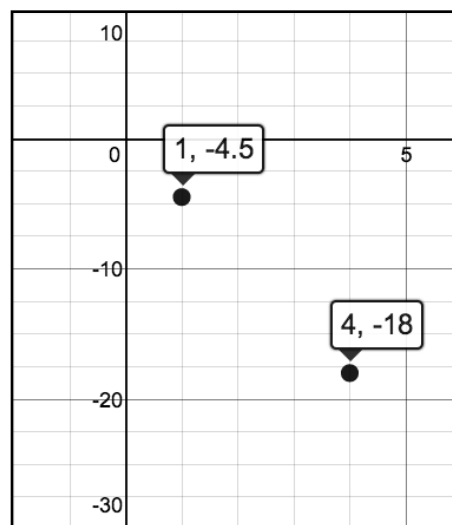
Can you use Desmos to graph a line passing through these two points?



Write your equation here.

### Challenge 18

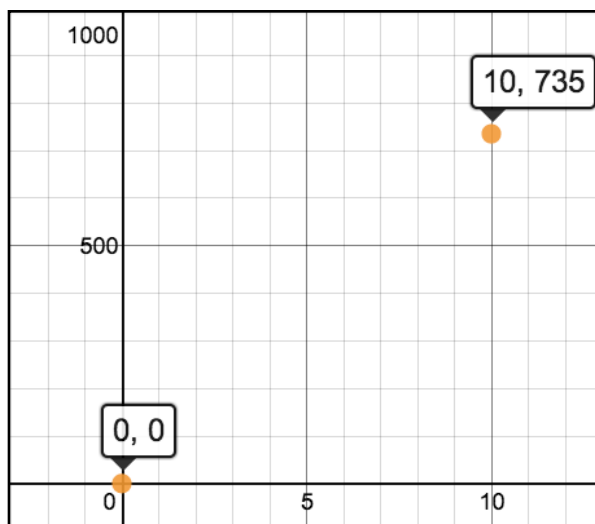
Can you use Desmos to graph a line passing through these two points?



Write your equation here.

### Challenge 17

Can you make this graph using Desmos?



Write your equation here.

### What Have You Noticed?

Write a summary of the things you've noticed over the course of solving this set of challenges.