

How to install Octave for the Mac:

1. Visit the Math 314 homepage <http://www.math.uaf.edu/~maxwell/math314>.
2. In the Announcements section, click on the link for Octave for OS X.
3. On the new page that appears, click on the link for `octave-3.4.0-i386.dmg` to download Octave.
4. Double click on the `.dmg` file that you downloaded. A window will appear in the Finder that has only one important item in it: an `Octave.app` file (possibly just called `Octave` depending on your system settings).
5. Drag `Octave.app` to your Applications folder.
6. You now need to add some graphing software. Go back to the Math 314 web page and click on the link for Gnuplot for OS X in the Announcements section to download Gnuplot.
7. Drag your newly downloaded Gnuplot program into your Applications folder.
8. If you are running OS X Version 8 (Mountain Lion), you'll need to do some extra steps here before you will be able to run Octave for the first time:
  - (a) Open your System Preferences.
  - (b) Select Security & Privacy.
  - (c) Click the lock in the lower-left corner of the window and enter your password to be able to make changes.
  - (d) At the bottom of the window, under Allow applications downloaded from:, click the Anywhere button.
9. You'll need to start Gnuplot just once in your life in order to tell OS X that the application is safe to use. Double click on Gnuplot in your Applications folder. In the window that appears asking if it is ok to start the application, answer OK. Then close the Gnuplot window that appears.
10. Start Octave by double-clicking on the file `Octave.app` in your Applications folder. Again, tell OS X that the application is safe to use.
11. Test that you are able to plot things by entering the following at the Octave prompt:

```
x=[0:0.01:2*pi]; (and press enter)
plot(x,sin(x)) (and press enter)
```
12. At this stage, if everything went well, and if you are running OS X Version 8 (Mountain Lion), you can reset your Security & Privacy settings that you changed above in step 8.