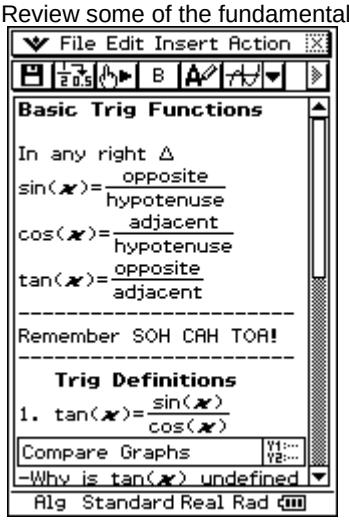
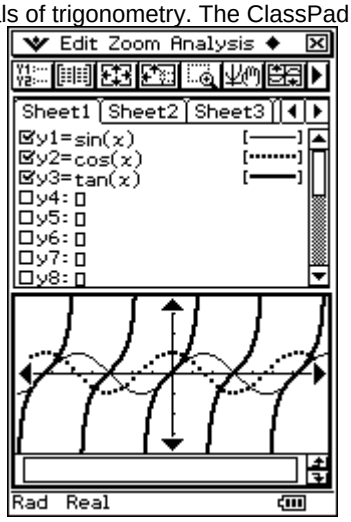
Fun with Trig

Have fun with basic trig fundamentals, identities, and expressions!

Basic Trigonometric Functions and Definitions

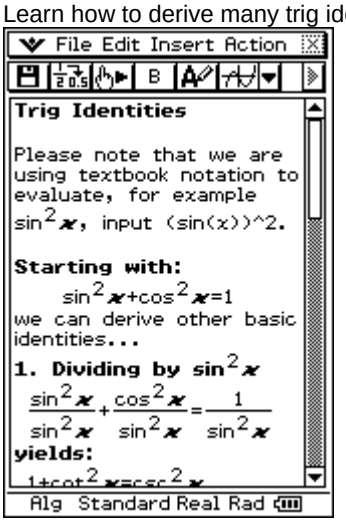
Review some of the fundamentals of trigonometry. The ClassPad is a great way to review and explore trig.

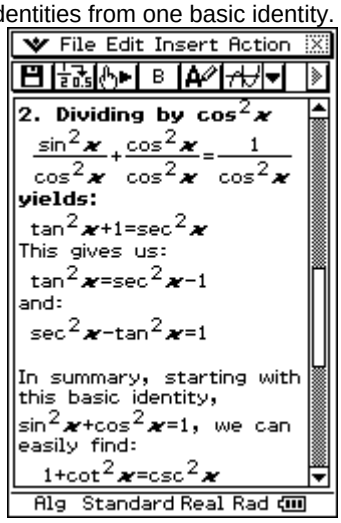




Deriving Trigonometric Identities

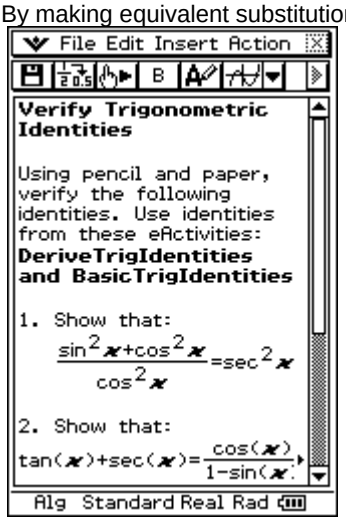
Learn how to derive many trig identities from one basic identity.

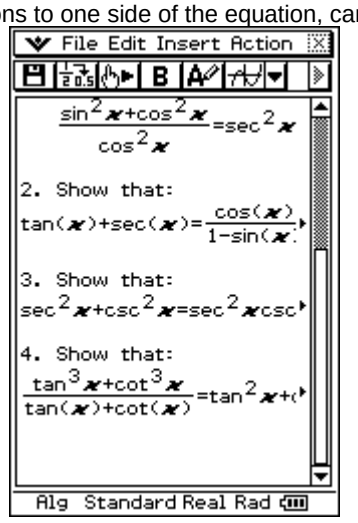




Verifying Trigonometric Identities

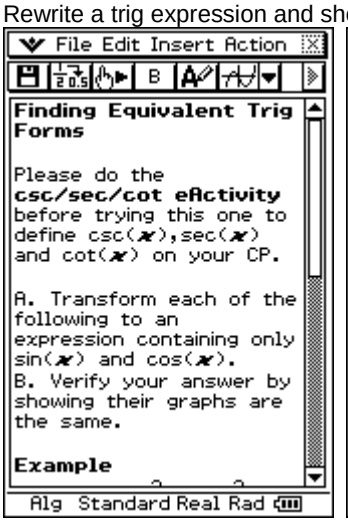
By making equivalent substitutions to one side of the equation, can you show it is identical to the other side?

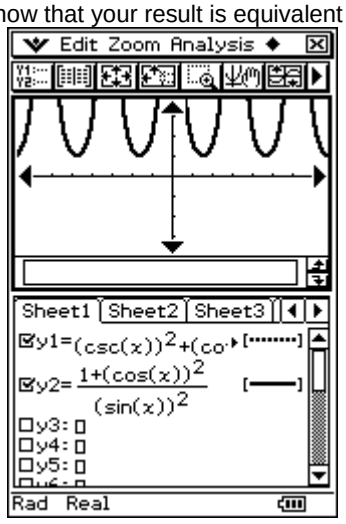




Rewriting Trigonometric Expressions

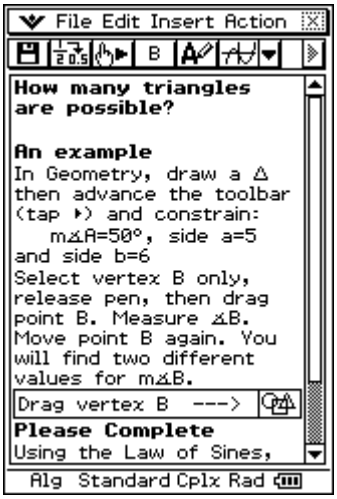
Rewrite a trig expression and show that your result is equivalent to the original by graphing each.

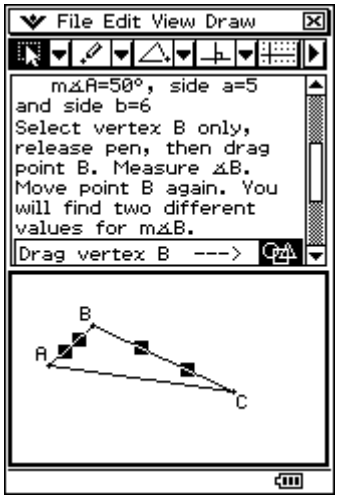




How Many Triangles-1

When given the measure of an angle and two sides, how many triangles can you create? Determine the answer using Geometry and the Law of Sines.





How Many Triangles-2

More practice with determining the number of possible triangles given the measure of an angle and two sides, how many triangles can you create.