ClassPad II Help Series	Casio Education Australia - supporting Australian teachers	www.casio.edu.shriro.com.au	Author	Charlie Watson
CP045	Composite Functions		Date	April 2015
			CPII OS	02.00.2000.0000

Working with composite functions is easy using Classpad.

Start in Main by defining *f* and *g* as shown.

$f(x) = 2x - 1$

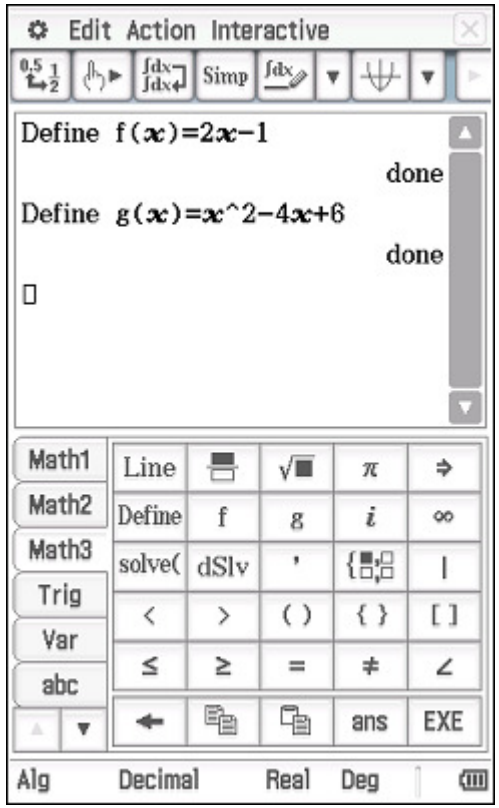
$g(x) = x^2 - 4x + 6$

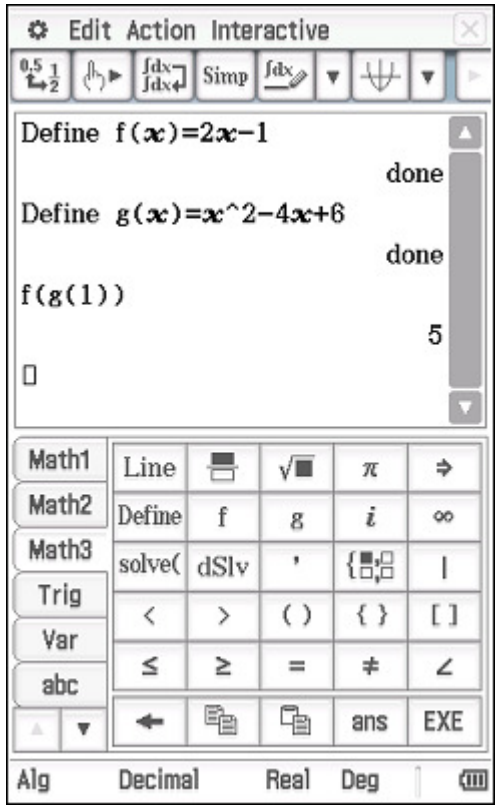
This screen shows the value of $f(g(1))$

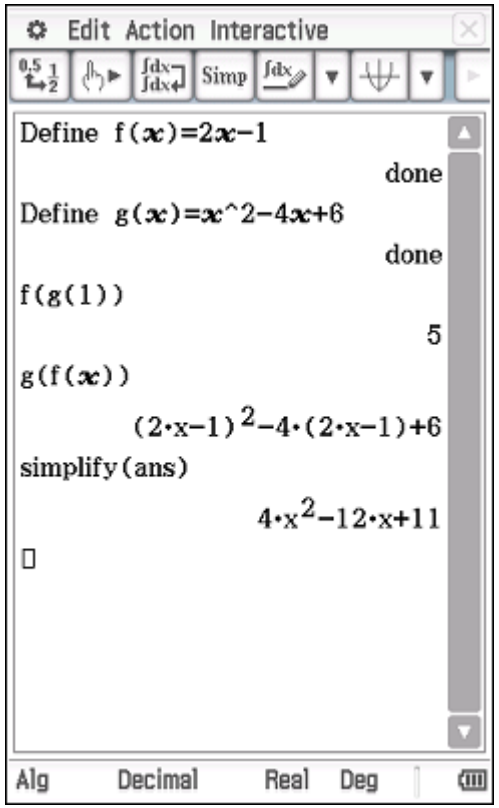
Determine $g(f(x))$.

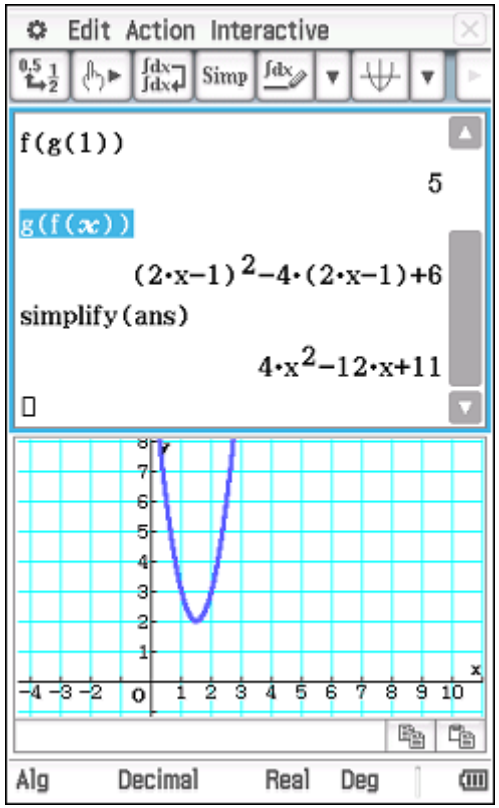
It often pays to tap Simp.

To graph a compound function, simply drag $g(f(x))$ into the graph window or in the graph and table application, enter Y1= $g(f(x))$.









There may be another function *h* such that $g(h) = 4x^2 - 12x + 11$.

Start by entering $g(h) = 4x^2 - 12x + 11$

Solve the resulting equation for *h*.

Note the second solution $h(x) = -2x + 5$.