

Classpad Help Series sponsored by Casio Education Australia		www.casioed.net.au	
071	Define Function With Many Variables	Author	Charlie Watson
		Date	31 January 2010
		CPM OS	03.04.4000

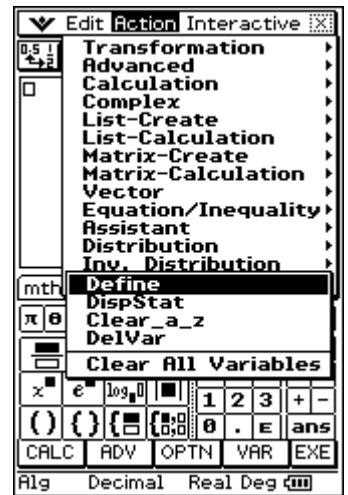
User defined functions can have more than one parameter - simply separate each variable by a comma.

In this example we'll create a function $P(x, y) = \sqrt{x^2 + y^2}$.

(eg magnitude of vector, etc.)

Start in Main.

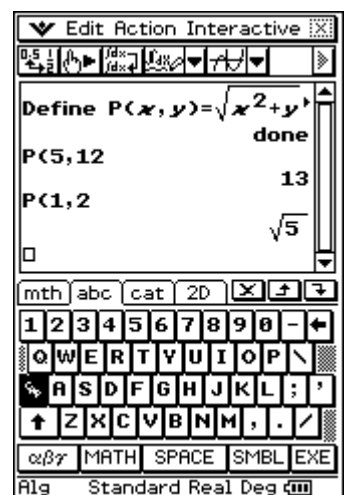
Tap **Action**, **Command**, **Define**.



Now use the **abc** tab to complete the definition as shown and tap **EXE**.

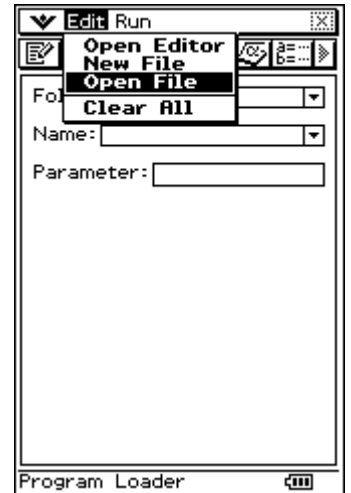


Test out the function to check all is well.



To edit a user defined function with multiple variables or to simply check the function, from the Menu tap on Program.

Tap **Edit, Open File**.

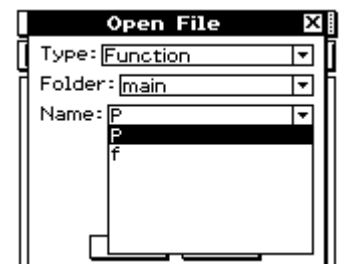
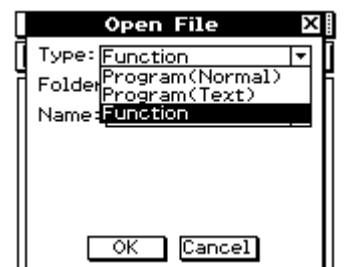


Set the **Type** to Function.

Leave the **Folder** as main.

Choose the required function from the **Name** list.

Tap **OK**.



The function is displayed.

The function name (**P**), variables (**x, y**) and the function are all displayed.

After making any required changes, use **Edit, Save File**.

