

# Periodic

By: Joe Bessette

## Installation:

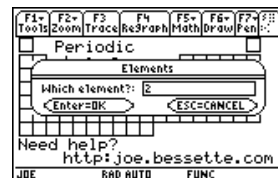
To install the Periodic program, simply send the periodic.89g file to your calculator using your Graph-Link program. Doing so will automatically create a new folder on your calculator and install the program into that folder.

## Usage:

Periodic can serve two main purposes. It can either be used to get information about specific elements, or it can be used to find the Formula Mass (also known as g/mol). The following are instructions on how to use the individual parts.

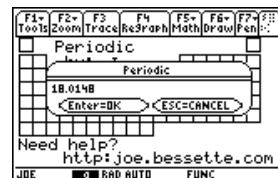
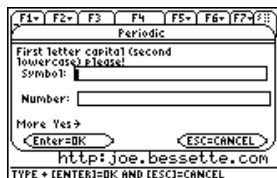
### Finding individual information:

There are three main ways to find information on an element. Depending on what you know about the element is how you choose which method you use. If you know the name of the element, use the “Search By: Name” option. If you know the symbol of the element, use the “Search By: Symbol” option. If you know the element number of the element, use the “Search By: Number” option.



### Finding Formula Mass:

To easily illustrate how to use this function of the Periodic program, I am going to use an example. I am going to find the formula mass (g/mol) of water. The chemical formula for water is  $H_2O$ . To find the formula mass, we first press F3 which brings up the first screen. We then type the first element in the chemical formula (H) into the Symbol slot and the amount of that element (2) into the Number slot. Because hydrogen (H) is not the last element in the formula, set the “More” dropdown box to Yes and press enter twice. After a short pause, another box will come up. Enter the same information for oxygen (O) as you did for hydrogen. Enter O in the Symbol slot and 1 (because no subscript = 1) in the number slot. Because oxygen is the last element in the formula, select no in the More dropdown box. Press enter twice and after another short pause the answer will come up.



## Contact Information:

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