



## hp calculators

HP 39gs Clearing your calculator

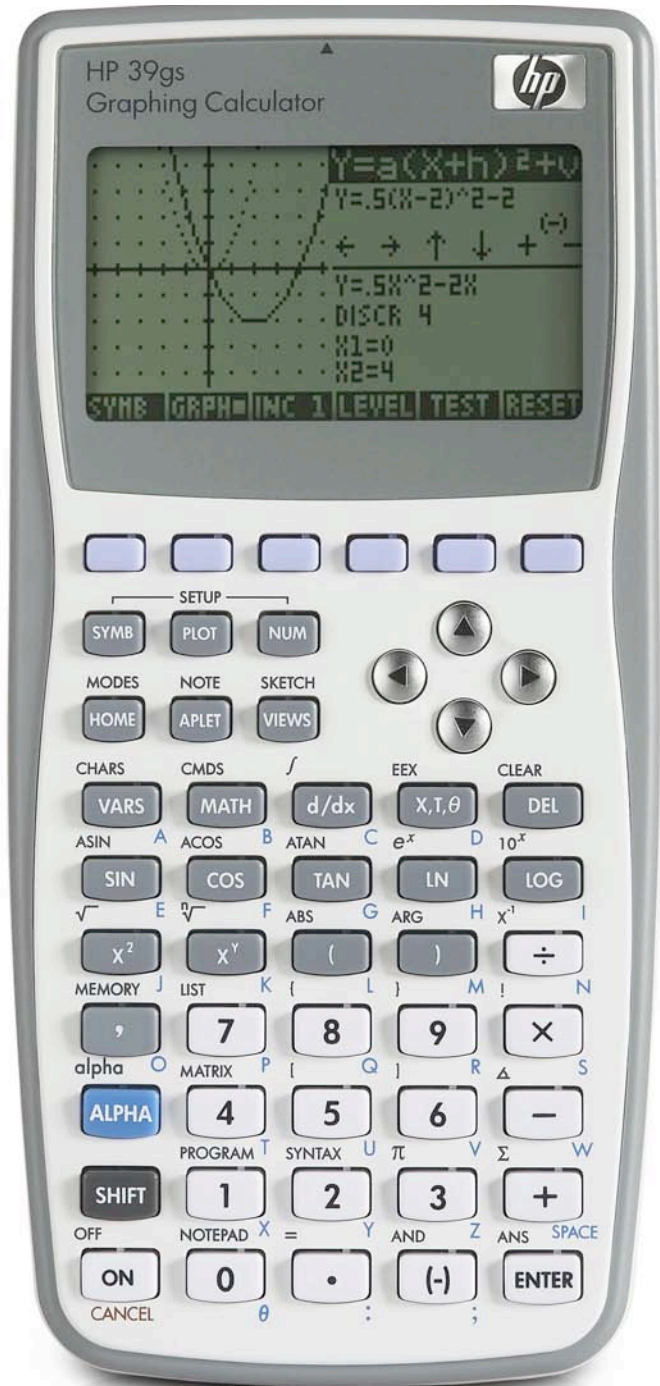
Restoring default values

How to reset your calculator

Checking memory use

Clearing the HOME history

Clearing other views



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#### Restoring default values

The default values in an applet or a view can be restored in a number of ways.

1) Reset an applet. In the APLET view as shown in Figure 1, highlight an applet and press the RESET button as shown in Figure 2. This restores default values and clears any data or functions which may have been entered.

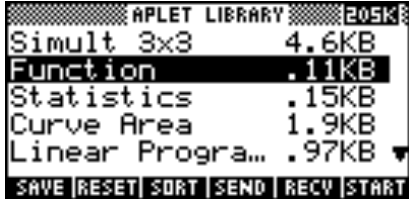


Figure 1



Figure 2

2) Reset a single view. If you just want to reset the default values for a single view as shown in Figure 3, then press SHIFT CLEAR and values will be reset as shown in Figure 4.

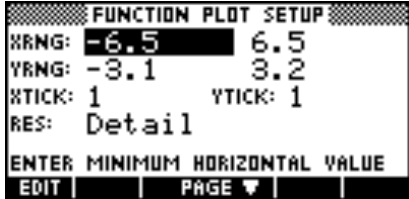


Figure 3



Figure 4

#### How to reset your calculator

There are a number of reasons why you might wish to do this. As well as allowing you to restart it if an applet or a program has caused problems, it is a quick and easy way to clear out all data and set everything back to default values. With a calculator as complex and powerful as the hp 39gs it is possible for the operating system to 'hang'. A reset will always fix this if it should happen. It is not possible to damage the calculator through using an applet or a program. A reset will always fix any problems.

There are two types of reset – a soft reset which does not cause data loss, and a hard reset which does.

- Performing a soft reset can be done in two ways.

1) Hold down the ON button and then, while still holding it down, press screen key 3. When you release both buttons the screen will very briefly flash a copyright notice. Afterwards you should find that you are back in the HOME view. The HOME history will be cleared but no data should be lost under normal circumstances.

2) The other method is to poke a pin or paperclip into the hole on the back. The screen will blank. Press ON and a soft reset will be performed.

- Performing a hard reset will cause all data to be lost and also cause all applets to reset to factory defaults. It is not possible to delete the original applets as they are built into the calculator. A hard reset is done by holding down the ON button and, while still holding it down, pressing screen keys 1 & 6 together. Release screen key 6, then screen key 1, then ON. You should find that you are back in the HOME view with the message shown below. Press OK. It is not actually offering a choice – the memory has already been cleared and there is no going back!

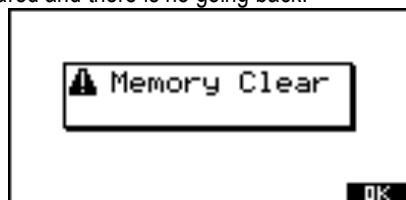


Figure 5

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#### Checking memory use

The amount of memory remaining is shown at the top right of the APLET view in Figure 6 below. The original amount is 234Kb, which is more than enough for any normal use.



Figure 6

As more memory is used the calculator may slow down slightly but this is usually only noticeable when memory usage rises to exceptional levels.

To check the memory allocated to the various different categories press SHIFT MEMORY (as shown in Figure 7 below). To give a rough idea of the capacity of the calculator, the 5.5KB shown right is entirely due to a simulation of 1000 rolls of a dice stored in the Statistics aplet. Clearly a great deal of data can be stored.

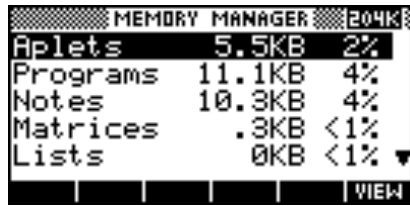


Figure 7

Pressing VIEW (screen key 6) for any category will take you to that view for further detail as shown in Figure 8 below. Individual elements can be deleted there.



Figure 8

#### Clearing the HOME history

Every calculation performed in the HOME view is remembered until erased. Although the hp 39gs has an abundance of memory available it is always advisable to clear the history periodically. This can be done by pressing SHIFT CLEAR in the HOME view.

#### Clearing other views

The hp 39gs has a multitude of views to contain the various different objects such as matrices, lists, aplets, programs and notes. Each of these except the APLET view can be cleared using SHIFT CLEAR. Individual elements can be deleted using DEL.



Figure 9

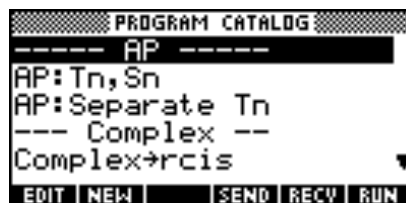


Figure 10

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In the APLET view, pressing SHIFT CLEAR will, as expected, delete any e-lessons but will not clear data from the built-in aplets. To do this you must highlight each in turn and press the RESET button (screen key 2).

**Tip:** Most e-lessons come with a small set of support programs which are stored in the Program Catalog. When the e-lesson in the APLET view is deleted these support programs are not automatically deleted with it. You must change into the Program Catalog view and delete each of the supporting programs by hand. Generally they will be named so that it is clear which e-lesson they belong to.

For example: The Curve Areas e-lesson is shown right with its support programs. These programs all begin with “.CUR” to show they are not independent programs.



Figure 11



Figure 12