

Graphing Calculator Hints

Scientific Notation:

The only appropriate way to enter a number such as 6.626×10^{-34} is by pressing the following sequence of keys:

1. Press 6.626
2. Press E (press the “2nd” then the comma “,”)
3. Press - the button that looks like: (-)
4. Press 34

Storing Variables:

For storing the value 2.998×10^8 as the speed of light:

1. Choose an appropriate variable. Obviously (it should be anyway), I will choose c.
2. Type 2.998×10^8 into the calculator.
3. Press the STO→ button (it’s located above the “on” button).
4. Press ALPHA (below the “2nd” button) and then C (PRGM button).
5. Press “enter.”

Multiple Problems Requiring the Same Formula:

Sometimes solving problems that require similar entries can be reduced to a smaller workload by utilizing the list functions the calculator provides. For example, let’s say

you wanted to find the values for $\frac{14}{x}$ if the following values of x are used: 1.5, 2.3, π , 3.684, 4.0501, 5.3

1. Press STAT and then press enter.
2. If there are numbers under the column L_1 , press \uparrow , CLEAR, and then \downarrow .
3. Once L_1 is clear, enter the numbers above, separating each with the ENTER key.
Note that π can be entered by pressing “2nd” and then “ \wedge ”.
4. Once finished, quit by pressing “2nd” and then “QUIT” (above MODE).
5. In the main window, press 14 and then \div .
6. Lastly, press “2nd” and then “ L_1 ” (above 1).
7. Use the arrows to scroll through the answers to each problem.

Recalling Previous Lines of Data:

1. Press “2nd” and then ENTRY (above ENTER)
2. Repeat as many times as needed to recall data from several entries back.