Calculator Instructions for storing and plotting data

### Preparing the STAT editor:

**First steps:** If you are plotting points for the first time or you haven't used the Statistics editor for a while, start here.

#### Turning ON the STAT PLOT:

Go to the STAT PLOT menu by pressing \[ \text{2nd} \begin{array}{l} \text{Y=} \\ \text{ENTER} \end{array} \] with the cursor on 1:Plot 1

Turn on the STAT PLOT by pressing \[ \text{ENTER} \] with the cursor on ON and highlight the Type and Mark as shown

#### Clearing the STAT editor:

To clear the statistics editor start by pressing \[ \text{STAT} \]

Then press \[ \text{ENTER} \] or the \[ 1 \] key to get to the statistics editor

Use the up arrow to move to the very top of the list so that L1 is highlighted

Press the \[ \text{CLEAR} \] key (notice that the list on the bottom line disappears) and then the \[ \text{ENTER} \] key

Repeat steps (3) – (5) to clear any other list:

Move the cursor to the very top of list 2 so that L2 is highlighted

Press the \[ \text{CLEAR} \] key (notice that the list on the bottom line disappears) and then the \[ \text{ENTER} \] key

Alternatively,

Press the \[ \text{STAT} \] button and then \[ 4 \] (ClrList)

Now type in \[ \text{2nd} \begin{array}{l} 1 \end{array} \] to get L1, then type a comma \[ , \] and follow it with \[ \text{2nd} \begin{array}{l} 2 \end{array} \] to get L2 (etc.)

then press \[ \text{ENTER} \]
2. Entering Data and Graphing:

Example: Enter the table below in the statistics editor:

<table>
<thead>
<tr>
<th>x</th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>y</td>
<td>–7</td>
<td>–4</td>
<td>–1</td>
<td>2</td>
<td>5</td>
<td>8</td>
<td>11</td>
</tr>
</tbody>
</table>

To put data into the statistics editor: Press the STAT button and then ENTER with the cursor on EDIT (1)

Begin entering data by putting x values in L1 (pressing ENTER after each number) and y values in L2 (2)

Go to the ZOOM menu and press 9 (Zoom Stat) and the graph will follow. (3 & 4)

3. Turning Plots Off*:

If you don’t want to keep graphing the stats lists (or if you don’t have anything in your stats editor),

Go to the STAT PLOT menu by pressing 2nd Y= (1)

Press 4 (PlotsOff) (2)

and then ENTER. (3)

OR Go to the Y= screen, arrow up to the top where Plot1 (or 2 or 3) is highlighted and press ENTER to turn it off.

* If you get the following error when you are trying to graph something, follow the instructions above in #5.