

## Calculator Application page:



## (meny) 2



## (menu) 4



## (emen




## Graphs \& Geometry Application page:




## Lists \& Spreadsheets Application page:



## Notes Application page:



## Data \& Statistics Application page:




## Working on a calculator Application page








Notice the capital M.

Since our function is symmetric about the origin if the abscissa of the Max is -1.1547 then abscissa of the Min must be 1.1547


Clear f1(x) and return to a standard window (menu (4) 5
ctrr (G) to remove entry line


Scroll off and then back to the point whose abscissa is 1.1547


Notice the lower case m.

## (menu) 1 ( 6 for Text.

Now move the cursor into an "open" area and press $\widetilde{\text { enter }}$
In this text box enter the expression $(x-1)^{2}+3$ and press eñer


Note the text box tool in the upper left corner of your viewing window Press esc to exit the tool
Move the cursor over the expression and press ctrl and drag the expression to either axis


Press 〔enter and drag the equation to an open area
$y=(x-1)^{2}+3$ RAD AUTO REAL


Now position the cursor at an extremity of the graph


| Note the new look cursor <br> Press ctri *** <br> move the cursor and watch the dynamic on <br> the screen | What changes? What remains the same? <br> Press esc now move the cursor closer to <br> the turning point and take note of the new <br> look for the cursor. |
| :--- | :--- |



Working in a Plane Geometry View ... press ment 2



You may need to reposition a label. Click and drag to a desired placement.


Now continue to find the measures of the remaining angles

Now measure the three angles of the triangle. (menu) $7>4$

| 1.1 | 1.2 | 1.3 | 1.4 | $P R A D ~ A U T O ~ R E A L$ |
| :--- | :--- | :--- | :--- | :--- | :--- |

Oops radians we need to change the document settings to degrees
Open the document settings and change to degrees.


Now open a text box and create a formula for the sum of the angles



