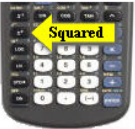


There are two basic ways to square a value.



The caret symbol (^) can be used to raise a value to **any** power.

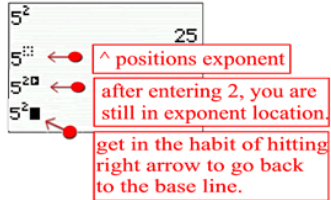
Classic Mode:

5^2	25
$5^{\wedge}2$	25


Squaring can be accomplished by using the "squared" key or by raising the value to the power of 2 with the use of the ^ (caret) symbol.

MathPrint mode: the ^ (caret) will move you up to the exponent position. Type the 2. Now, you will REMAIN up in the exponent position until you hit the right arrow to return to the base line.

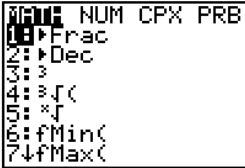
Simply hitting **ENTER** after the 2 will engage the squaring process, BUT... get in the habit of using the right arrow after entering exponents, as you will need this skill on future problems.



There are several ways to deal with the radical symbol.



The square root symbol is above the "squared" key.



The cube root and higher roots are found under the **MATH** key (in both modes).

Classic Mode:

$6 \times \sqrt{64}$	2
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When finding a higher root, **enter the root number first**, then use **MATH #5**, then type the value.

QUIT: 2nd MODE

DECIMALS → FRACTIONS

MATH Enter Enter

Input the previous calculated answer: 2nd (-)

Absolute Value: MATH → NUM 1: abs(

Graphing Tidbits

- See "To Graph Lines (functions)" on Reference Sheet
- Always ZOOM 6!
- Turn STAT PLOTS off:
2nd Y = and then select 4: PlotsOff, Enter twice

There may be a need for parentheses.

Classic Mode:

$\sqrt{16+2}$	4.242640687
$\sqrt{(16)+2}$	6

Be careful with parentheses. Some functions, such as square root, automatically start a left parenthesis for you. YOU must be sure to tell the calculator when to close the parenthesis.

Classic Mode:

-3^2	-9
$(-3)^2$	9

Parentheses are also important when evaluating expressions. Remember that in the order of operations, if there are no parentheses present, powers will be done BEFORE the assigning of negative status.

MathPrint Mode:

$\sqrt{16}$	4
$\sqrt{16+2}$	6
$\sqrt{16+2}$	4.242640687

Annotation: stays under until told to move

Numbers will stay UNDER the radical sign until you hit **ENTER**, or until you hit the right arrow to move out. Get in the habit of moving out from under the radical sign.

General Calculator Tips

- * To retrieve the previous lines, press **2nd** **ENTER** repeatedly.
- * To clear the screen or a line of data, press **CLEAR**.
- * To delete a value without deleting an entire line of data, use your arrow keys to move the cursor over the value you want to delete, and then press **DEL**. (Similarly, you can insert a value into a line of data by pressing **2nd** **DEL** to access the INS (insert) function.)

SCATTER PLOTS

L1, L2, Y1

2nd 1, 2nd 2, VARS → Enter Enter

Lost a list?

STAT 5:SetUpEditor Enter