TI-30X II Calculator Operations

Entering negative numbers:

When entering a negative number at the beginning of an operation, use the **(-)** rather than the **–**

Parenthesis:

Enter equations just like you would write them down.

For example, to input the equation 4 (5 + 7) – 2 (2 – 6) = 56 type the following keys:

4 **(** **5** **+** **7** **)** **–** **2** **(** **2** **–** **6** **)** **=**

Be sure wherever you have an open parenthesis **(** you also have a closed parenthesis **)**

Fractions:

For simple fractions, enter the numerator, choose **A b/c** , then enter the denominator.

Ex. For $\frac{2}{3}$, enter **2** **A b/c** **3** **=**

For mixed fractions, enter the whole number, **A b/c** , enter the numerator, **A b/c** , and lastly the denominator.

Ex. For $2\frac{3}{5}$, enter **2** **A b/c** **3** **A b/c** **5** **=**

To change mixed fractions to improper fractions, enter the mixed fraction then enter **2nd** **A b/c** **=**

Ex. Enter $2\frac{3}{5}$ as before then enter **2nd** **A b/c** **=** and you get $\frac{13}{5}$

*This is the same to change improper fractions to mixed fractions.

To change fractions to decimals and vice versa, enter the decimal/fraction then enter **2nd** **PRB** **=**

Ex. Enter 2.5 then choose **2nd** **PRB** **=** and you get $2\frac{1}{2}$

*You must change mixed fractions to improper fractions before changing them to decimals.

To add, subtract, multiply, or divide fractions, enter your fraction, choose your operation (+, –, *, /), enter the next fraction, then choose **=**

Exponents:

To enter exponents of the 2nd power, use the [x^2]

Ex. For 7^2 , enter [7] [x^2] [=] and you will get 49

To enter exponents of higher powers, use the [^]

Ex. For 2^5 , enter [2] [^] [5] [=] and you will get 32

To enter negative numbers to a power, you must use parenthesis

Ex. For $(-4)^3$, enter [(] [(-)] [4] [)] [^] [3] [=]

*The negative MUST be inside of the parenthesis

To enter negative exponents, use the [^] and the [(-)]

Ex. For 5^{-2} , enter [5] [^] [(-)] [2] [=] and you will get 0.04 which is equivalent to $\frac{1}{25}$

Roots:

Enter square roots using [2nd] [x^2]

Ex. For $\sqrt{25}$, enter [2nd] [x^2] [2] [5] [=]

*Notice the displays shows $\sqrt{(25$ – to use this in an equation, you must close the parenthesis

Ex. For $\sqrt{25}+2$, enter [2nd] [x^2] [2] [5] [)] [+] [2] [=] and you will get 7

To enter any root higher than 2, use [2nd] and [^]

Ex. For $\sqrt[3]{27}$, enter [3] [2nd] [^] [2] [7] [=] and you will get 3

Insert/Delete:

Use the [INS] / [DEL] buttons to insert or delete characters in the line display.

*Use the left and right arrow keys to move the cursor over the data you want to change

Using previous answers:

Use the [ANS] button when you want to use the last answer in a new equation, so you don't have to retype it

* Use the up and down arrow keys to scroll through previous answers