

Common functions when using the *CASIO fx-991ES PLUS C* calculator

This calculator is used and recommended for Durham College students in programs where a scientific calculator is needed.

Below are some common functions you will surely encounter.

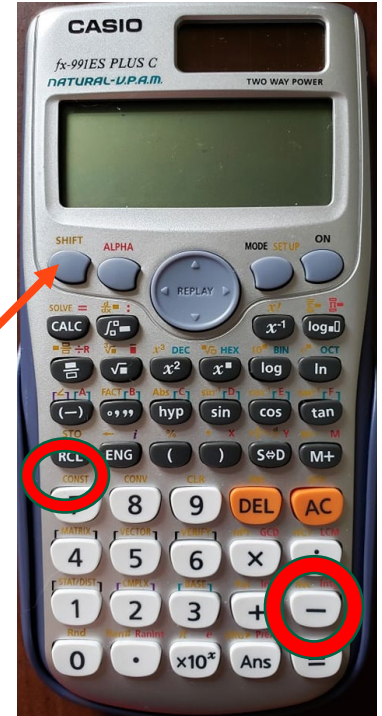
Negative Sign and Minus Operation




is the negative sign. Press the negative sign then the number.

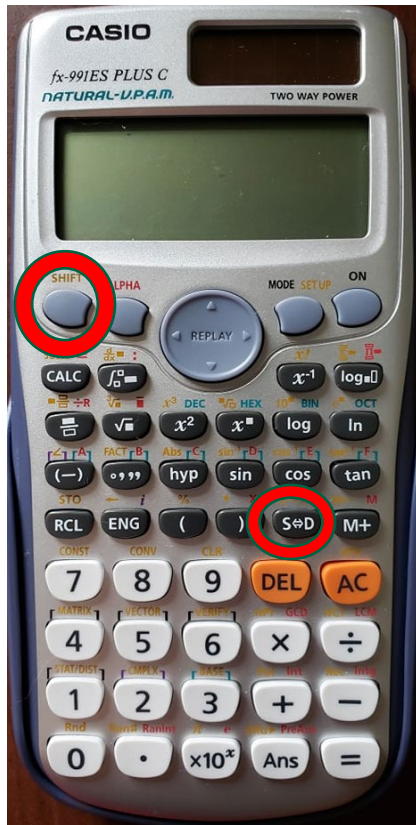


is the minus operation.



To use functions in yellow, press  first then the function you want. The SHIFT button is located on the top left of the calculator

Mixed Fraction ↔ Improper fraction ↔ Decimal



switches between a fraction and decimal (Note: it will keep a fraction in improper format, if the result is improper)



switches between mixed and improper.

Inputting something in fraction form

Press a number (which is the numerator), then and press the denominator number.



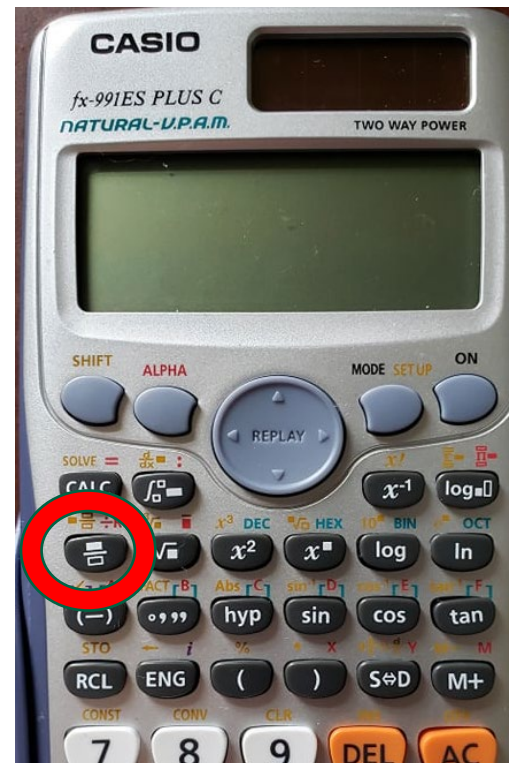
To input a mixed fraction press



use




to navigate which number goes where.



Exponents and Radicals

Exponents

When you press this button  , two boxes appear. Press the

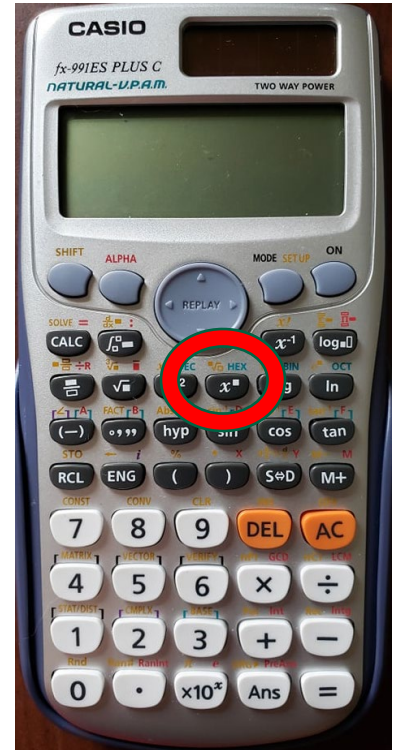
number for the “x” component (the base) and then use  button to scroll right to input the exponent component.

Squaring something is a very common thing and so it has its own




button 

Cubing is also quite common and so it’s there as well. Press

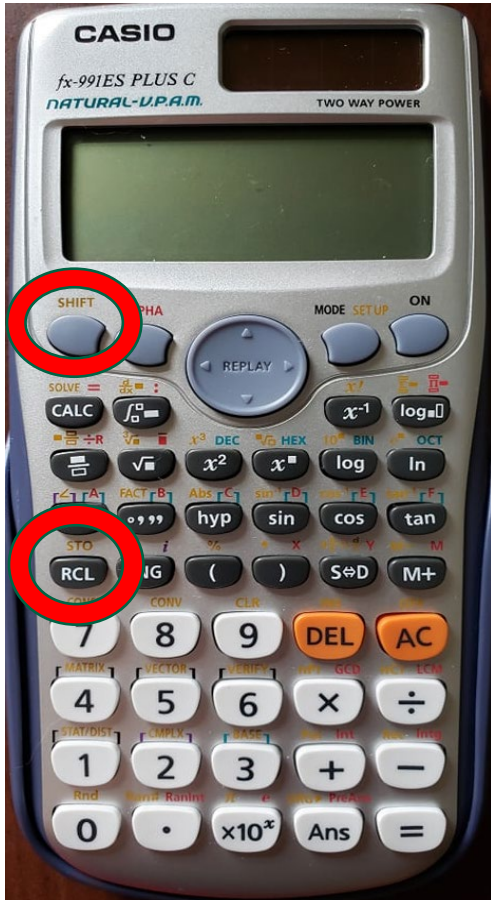
 → 



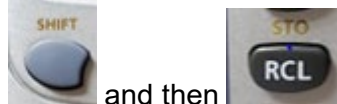
Radical (square root)



Same is true for  →  . Two boxes appear and you input the values and use the  to move to the other box.

How to store and recall values




After you do a calculation, you might need it later so you can save as follows:

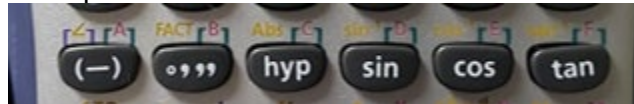


Press  and then  button. By pressing SHIFT first, you are going into the second function, the stuff in yellow

Then press any variable (in red) in which you can save the number.



Example:  the A.





A, B, C, D, E,

F

Now, to recall this number or use it in another calculation,



Press  and the red letter you saved it under. Ex. 

Let's look at an example:

$$6 \times 2 = 12 \quad \xrightarrow{\text{SHIFT}} \xrightarrow{\text{STO/RCL}} \xrightarrow{\text{(-)}}$$

$$2 + \xrightarrow{\text{STO/RCL}} \xrightarrow{\text{(-)}} = 14$$

If you have any questions, please email sals@durhamcollege.ca.