TI 83/84: Use the Calculator to Check Your Equation Solution:

Suppose you tried to solve the equation 2x = x + 3 and think the answer is x = 3. An easy way to check to see if you have the right answer is to use your calculator's STORE key. Here's how:

Store your answer in the variable X by pressing \exists , then STO, then X,T,Θ,n , then ENTER. Your TI will tell you it has stored the 3 by returning the value 3 in the next line.

Now, type the left hand side (LHS) of your ORIGINAL equation and press ENTER. Then, type the right hand side (RHS) of your ORIGINAL equation and press ENTER. Are the two results equal? Yes! That means that x = 3 was the correct solution.



Because both sides of the equation came out to the same number, we know we have the correct answer.

Summary:

- 1) Store your answer as x.
- 2) Type in the left-hand side (LHS) of the ORIGINAL equation, get an answer.
- 3) Type in the right-hand side (RHS) of the ORIGINAL equation, get an answer.
- 4) Check that the two sides came out equal!



