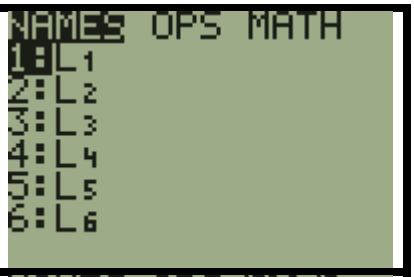
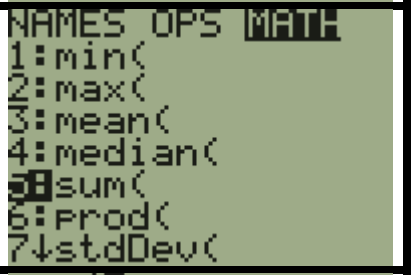
How to Calculate a Partial Sum on a TI-83+

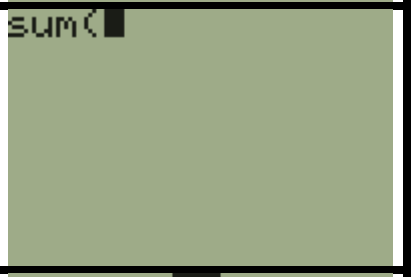
Press **2ND STAT** to get the **LIST** menu



Arrow over to the **MATH** menu and select **5: sum(**



You should get this screen…



Press **2ND STAT** to get the **LIST** menu again
Arrow over to the **OPS** menu and select **5: seq(**

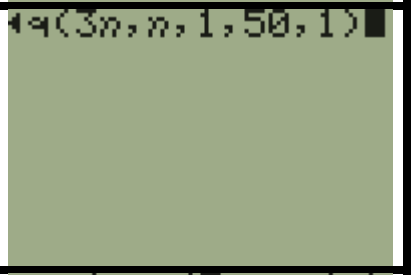
You should get this screen…

Enter the argument, the index, the limits of summation (start & end), and 1 for the step.

The example shown is $\sum_{n=1}^{50} 3n$.

Arrow down to Paste and press ENTER.

You should get this screen…



Press **ENTER** to get the sum.