**Summation on the TI-83**

The following will enter the sum \( \sum_{i=1}^{10} i^2 \). Modify step 5 for other sums.

1) Press \( \text{2nd} \) then \( \text{STAT} \)
2) Scroll over to \( \text{MATH} \), then press 5. You should now see “sum( “ on your screen.
3) Repeat step 1.
4) Scroll over to \( \text{OPS} \), then press 5. You should now see “sum(seq( “ on your screen.
5) Enter \( x^2 \) (press \( \text{x, T, \theta, n} \), then press \( x^2 \)). Modify this step appropriately for other functions.
6) Press the comma button, then \( x, 1, 10, 1 \) (exactly as written here, commas and all).
7) You should see “sum(seq(x^2, x, 1, 10, 1))”. Press \( \text{ENTER} \) and you should see the answer 385.