



## **TI-86**

- **To generate a list of terms in a sequence  $\{a_n\} = \{f(n)\}$**

On the home screen, enter  $\text{seq}(f(n),n,1,k,1)$  and press enter to generate the first k terms.

Note: seq can be found in MATH MISC

- **To generate and graph a sequence of partial sums for the series  $\sum_{n=1}^{\infty} a_n$**

On the Y = menu, enter  $y1 = \text{sum seq}(f(x),1,x,1)$  and press GRAPH.

If you set  $X_{\min} = 0$  and  $X_{\max} = 126$  on the WINDOW menu, you can TRACE on the graph to read the values of the partial sums.