

calculator formula (ex: $\int_0^1 x^3 dx$ $n=10$)

$$y = x^3$$

quit
2nd stat (list) \rightarrow ops \rightarrow seq (x, x, 0, 1, $\frac{1}{10}$) \rightarrow length of interval

Store L_1

Vars \rightarrow Y vars \rightarrow functions \rightarrow y₁

y₁(L₁)

Store L_2

$L_2 * \frac{1}{10}$

Store L_3

2nd list \rightarrow math \rightarrow sum(L₃).

Store "S"

$S - y_1(i) * \frac{1}{10}$

Store "L" = Left end sum

$S - y_1(0) * \frac{1}{10}$

Store "R" = Right end sum

* 2nd mem \rightarrow clear all lists