

## LRSUMS.8XP

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This program finds the area under a curve from the left and right using n rectangles. It uses the formula...

$$\int_A^B f(x) dx$$

...with the starting point A and the ending point B. The program finds the area of the rectangles and then averages the left and right sums for a more accurate approximation.

The user must enter the function first, then the start point, the end point, and the number of divisions.