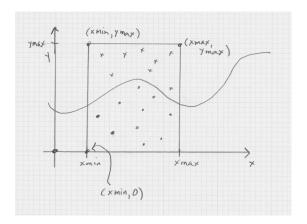
Monte Carlo method: integration

Problem setup:

Draw a single valued function, y = f(x) on a 2D coordinate system. Draw a bounding box around the area of interest. See the figure.



The area under the curve is (# points under the curve / # points in bounding box) * area of bounding box.

Pseudocode: