Sketch the region described in each problem and find its area (3 significant digits). 1. The region is bounded by the x-axis, the lines x = 1 and x = 5, and the graph of the function  $f(x) = e^{0.5x}$ .



4. The region is bounded by the x-axis, the lines x = 0.5 and x = 2.5, and the graph of the function f(x) = 2/x.

