

October 08,2013

QUIZ#2 Math102-sec15.

Net Time Allowed: 20 minutes

Name:

ID #:

Serial #:

Exercise1:

Find the area of the region bounded by the curves $y^2 = 2x + 1$ and $x + y = 1$.

Exercise2:

Use Shell method, to find the volume of a solid of revolution generated by rotating around the y -axis, the region enclosed by the graph of $y = e^{-x^2}$, the x -axis, the lines $x = 0$ and $x = 2$.