KFUPM/ Department of Mathematics & Statistics	ID #	Serial $\#$
MATH 102/ Quiz 1/ 121	Name	

1. [5pts] Find the volume of the solid obtained by rotating about the y-axis the region bounded by the curves $y = \ln x$, y = 1, y = 2, x = 0.

2. [5pts] Evaluate $\int (x+1)\sqrt{2x+x^2}dx$