Calculus II - Fall 2013

Quiz #2, October 17, 2013

In the following problems you are required to show all your work and provide the necessary explanations everywhere to get full credit.

1. Find the volume of a solid obtaining by rotating the region bounded by $y^2 = x$ and $x = 2y$ about the y-axis.

2. Find the volume of a solid obtaining by rotating the region bounded by $y = \sqrt{x-1}$, $y = 0$, $x = 5$ about $y = 3$.