MAT-130, Section 9

Quiz-2

Time: 25 minutes to solve + 5 minutes to upload

No Late Submission

5 points

1. Find the volume of the solid generated by revolving the region R bounded by $y = x^2$ and $x = y^2$ in around the line $y = 1$.

5 points

2. Find the area of the region bounded by the curves $y = x^2$, $x = 1$ and $y = 0$.

5 points

3. Find the volume of the solid, using Cylindrical Shells, generated by revolving the region R bounded by $y = x^3$, $y = 0$ and $x = 2$ around the line $y = -1$.