Math 2260 Quiz 2.5 (Practice)

Name _____

Points will be deducted for untidy or disorganized answers

1. (3 points) Use the **washer (disk) method** to find the volume of the solid that is generated by rotating the region in the first quadrant bounded above by $y = \cos x$ and on the right $x = \pi/2$ about the line y = 2.

2. (2 points) Use the (cylindrical) shell method to find the volume of the solid that is generated by rotating the plane region bounded by $y = x^2$ and $x = y^2$ about the x-axis.