## 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.
