

Math 2260 Quiz 3.5 (Practice)

Name _____

Points will be deducted for untidy or disorganized answers

1. (5 points) Compute the volume of the solid that is generated by revolving the region bounded by the curves $y = x\sqrt{1+x^3}$, $y = 0$, $x = 0$, and $x = 2$ about
 - (a) the y -axis
 - (b) the horizontal line $y = 6$