

# Math 2260 Quiz 3

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  $x = 3y^2 - 2$ ,  $x = y^2$ , and  $y = 0$  about

- (a) the  $x$ -axis
- (b) the vertical line  $x = 1$

