

Quiz 2

Math 102, Term 172

NAME:

ID:

Problem 1. Set up the integral that gives the area of the region enclosed by $y = x^2 + 1$, $y = 4x - 3$, the x -axis and the y -axis. [Do not evaluate.]

Problem 2. Find the volume of the solid obtained by rotating the region enclosed by $x = y^2$ and $x = 1$ about $y = 2$.