

Math 108H (Quiz 7)

Name _____.

Show all work (no calculator)

1. (10 points) Find the area of the region bounded by the two curves $y = x - 3$ and $y = x^2 - 4x + 3$.

2. (10 points) Find the volume of the solid of revolution obtained by rotating the region bounded by the curves $y = x^2$ and $y = 2 - x$ about the x -axis.