Name: _____ I.D. # _____ Sr. # ____

Find the volume of the solid generated by revolving the region bounded by $y = 4\sqrt{x}$ and the lines $y = 12$ and $x = 0$ about the line $x = 9$.

Name: _____ I.D. # _____ Sr. # ____

Find the volume of the solid generated by revolving the region in the first quadrant bounded by $x = 3y - 3y^3$ and the x-axis about the line $y = 1$.