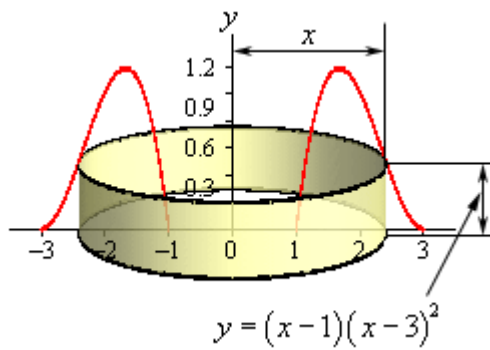
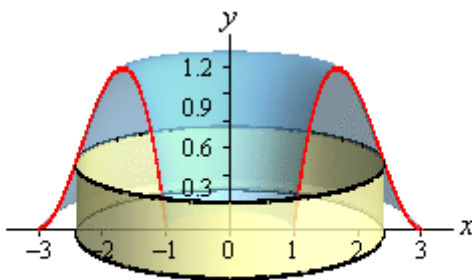
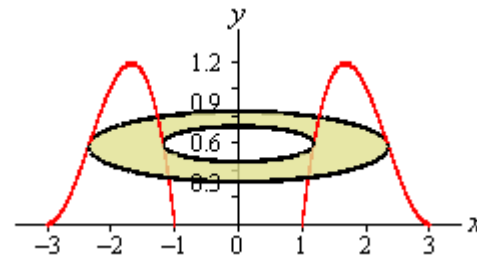
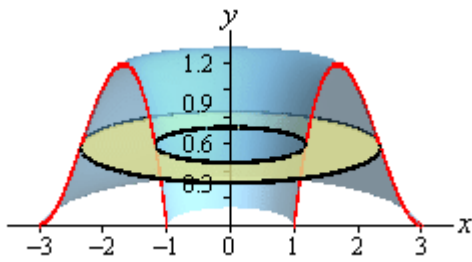
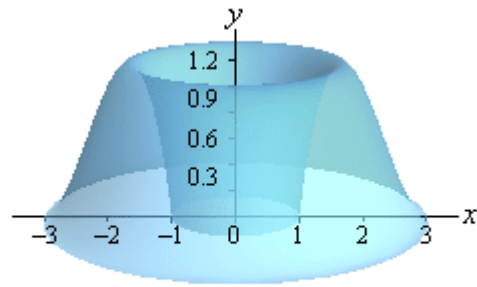
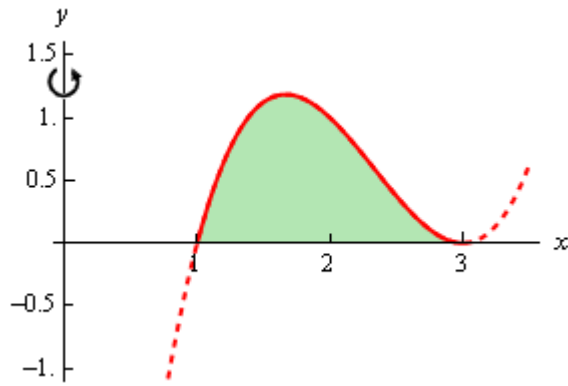
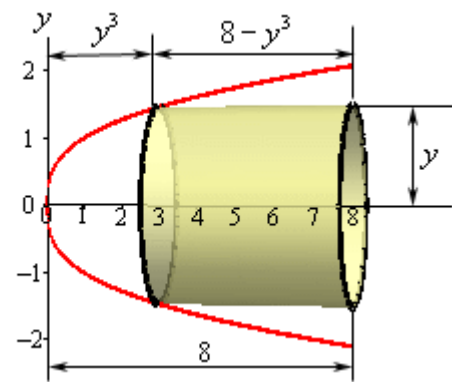
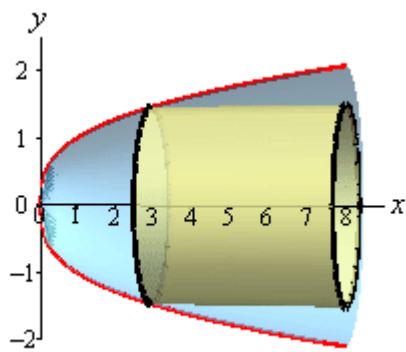
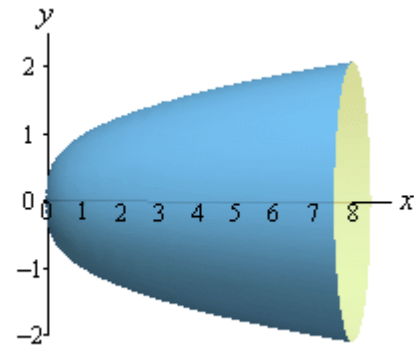
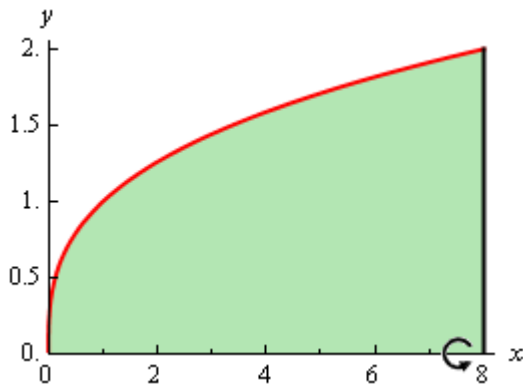


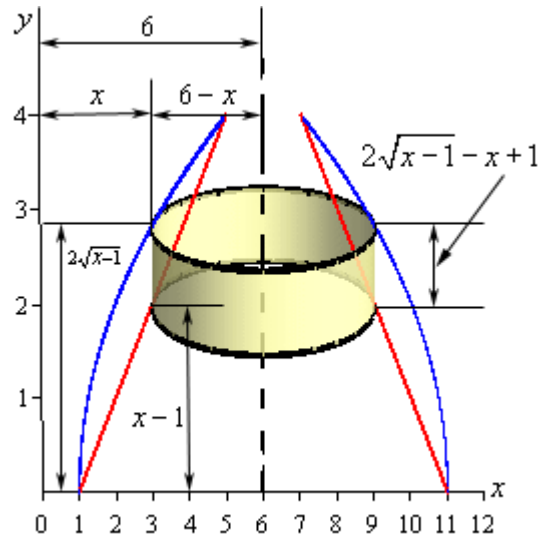
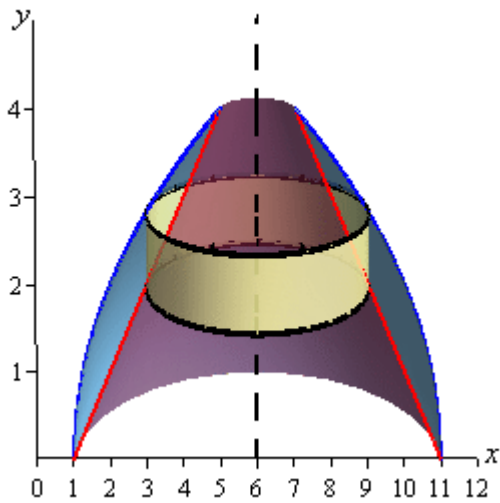
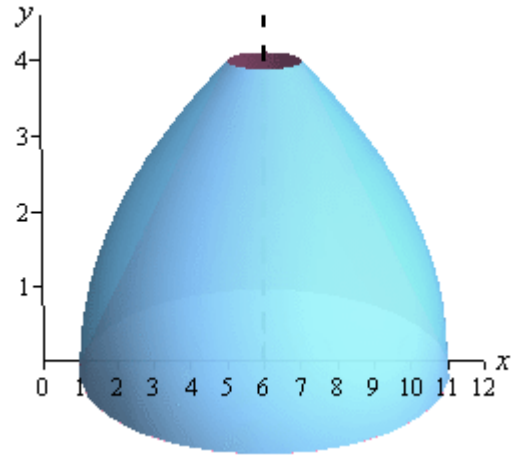
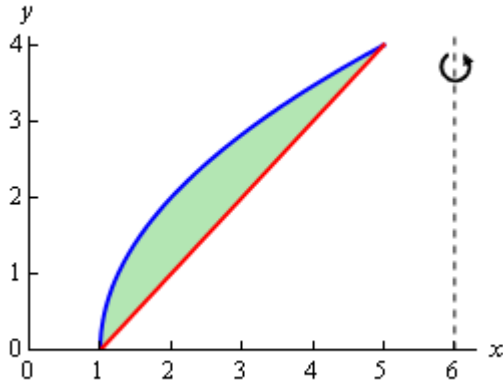
Example : Determine the volume of the solid obtained by rotating the region bounded by $y = (x-1)(x-3)^2$ and the x-axis about the y-axis.



Example : Determine the volume of the solid obtained by rotating the region bounded by $y = \sqrt[3]{x}$, $x = 8$ and the x -axis about the x -axis.



Example : Determine the volume of the solid obtained by rotating the region bounded by $y = 2\sqrt{x-1}$ and $y = x-1$ about the line $x = 6$.



Example : Determine the volume of the solid obtained by rotating the region bounded by $x = (y - 2)^2$ and $y = x$ about the line $y = -1$.

