

Name _____

Calculus Class work – Volumes of Disks and Washers

Directions: Find the volume of each region. All regions should be revolved around the **x-axis**.

1) $y = x^{3/2}$, $x = 4$, $y = 0$

2) $y = x^2$, $y = 9$, $x \geq 0$

3) $y = x^2$, $y = x+2$

4) $y = x^2$, $y = 2x$, $x = 0$, $x = 4$