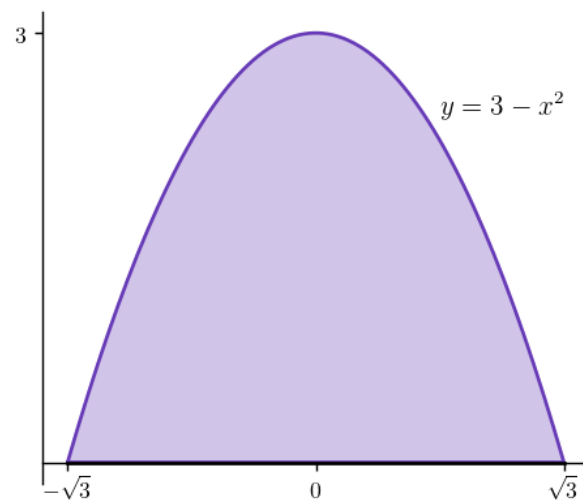


Exercises: Disks and Washers

Exercises for the disk and washer methods.

Problem 1 The region $0 \leq y \leq 3 - x^2$, shown below, is revolved around the x -axis. Use the disk method to find the volume of the solid of revolution.



$$V = \boxed{\frac{48\pi\sqrt{3}}{5}}$$