

## Volume of Revolution Via Washers

**Problem:** By integrating with respect to the variable  $y$ , find the volume of the solid of revolution formed by rotating the region bounded by  $y = 0$ ,  $x = 4$  and  $y = \sqrt{x}$  about the line  $x = 6$ .

MIT OpenCourseWare  
<http://ocw.mit.edu>

18.01SC Single Variable Calculus  
Fall 2010

For information about citing these materials or our Terms of Use, visit: <http://ocw.mit.edu/terms>.