

Attendance Quiz 11

Name: _____ Date : _____

1. Find the volume of the solid obtained by rotating the region bounded by the given curves about the specified line. Sketch the region, the solid, and a typical disk or washer.

(a) $y = \ln x$, $y = 2$, $x = 1$; about *the x-axis*

(b) $y = \ln x$, $y = 2$, $x = 1$; about *the y-axis*