

UBII 7.3 (3909187)

Current Score: 0/16

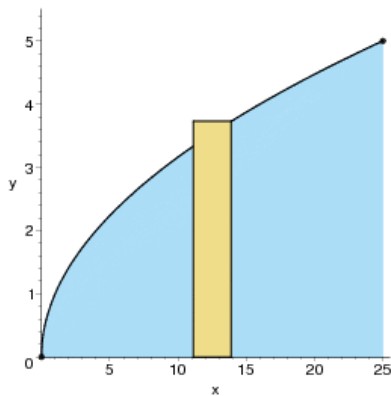
Question	1	2	3	4	5	6	Total
Points	0/1	0/9	0/1	0/1	0/1	0/3	0/16

1. 0/1 points

LarCalc9 7.3.003. [1197760]

Use the shell method to set up and evaluate the integral that gives the volume of the solid generated by revolving the plane region about the y -axis.

$$y = \sqrt{x}$$



2. 0/9 points

LarCalc9 7.3.008.MI.SA. [1420029]

This question has several parts that must be completed sequentially. If you skip a part of the question, you will not receive any points for the skipped part, and you will not be able to come back to the skipped part.

Tutorial Exercise

Use the shell method to set up and evaluate the integral that gives the volume of the solid generated by revolving the plane region about the y -axis.

$$y = 64 - x^2$$

$$y = 0$$

3. 0/1 points

LarCalc9 7.3.010. [1197040]

Use the shell method to set up and evaluate the integral that gives the volume of the solid generated by revolving the plane region about the y -axis.

$$y = 9x$$

$$y = 18$$

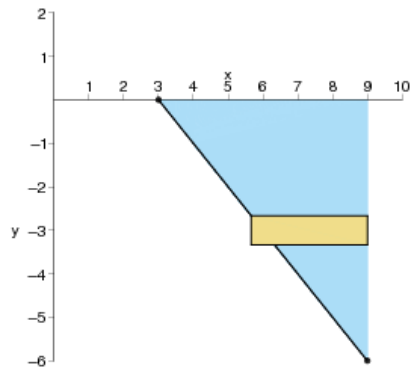
$$x = 0$$

4. 0/1 points

LarCalc9 7.3.016. [1197075]

Use the shell method to set up and evaluate the integral that gives the volume of the solid generated by revolving the plane region about the x -axis.

$$y = 3 - x$$



5. 0/1 points

LarCalc9 7.3.023. [1197596]

Use the shell method to find the volume of the solid generated by revolving the plane region about the line $x = 9$.

$$y = 2x - x^2$$

$$y = 0$$

6. 0/3 points

LarCalc9 7.3.030.MI. [1241153]

Use the disk *or* the shell method to find the volume of the solid generated by revolving the region bounded by the graphs of the equations about each given line.

$$y = \frac{10}{x^2}$$

$$y = 0$$

$$x = 1$$

$$x = 5$$

(a) the x -axis(b) the y -axis(c) the line $y = 10$

Assignment Details

Name (AID): **UBII 7.3 (3909187)**Submissions Allowed: **5**Category: **Homework**

Code:

Locked: **No**Author: **Goldsworthy, William (bgoldsworthy@soroschool.org)**Last Saved: **Jun 26, 2013 08:18 PM EDT**Permission: **Protected**Randomization: **Person**Which graded: **Last**

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