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(1 pt)

This graph shows the integrand after the u-substitution. The area of the shaded region gives the value of the integral with the area below the x-axis.

∫ □ [_____]   [_____]

This work is supported in part by the National Science Foundation under the grant DUE-0941206.

Complete the indicated blanks in the applet. When done click 'submit answers'.

If you click 'submit answers' before you are done, WeBWorK will save your work for when you log back on.

[Preview Answers] [Envoyer]

You have attempted this problem 0 times.
You have unlimited attempts remaining.

[Email instructor]

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Terminé

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(1 pt)

Cross-Section   Use mouse to rotate the solid shown.

Profile

This graphing board displays the three dimensional solid with the cross-section shown in the cross-section graphing board and the profile shown in the profile graphing board.

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Find the volume of the solid of revolution formed by rotating the curve

$$x = \begin{cases} 9\sin\left(\frac{\pi y}{8}\right) + 2 & y \le 8 \\ 9\sin\left(\frac{\pi y}{8}\right) + 2 & 8 < y \le 10 \end{cases}$$

about the y-axis. [_____]

[Preview Answers] [Envoyer]

You have attempted this problem 0 times.
You have unlimited attempts remaining.

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