| Q1 \sqrt{x} sin \sqrt{x} dx Q2 Set up the integral (do not evaluate) to find the volume of the solid generated if the region bounded by the curves $y=1=x^2$, $x=axis$ is rotating about $x=1$, by using cylindrical shells method. Q3 Find the volume of the solid generated if the region bounded by the curves $y=\ln x$, $x=axis$ from $x=1$ to $x=e^2$ is rotating about $y=axis$ Math $102-7$ Quiz # 5 B Sem 062 Name: |
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| bounded by the curves $y=1=x^2$, $x=axis$ is rotating about $x=1$, by using cylindrical shells method. Q3 Find the volume of the solid generated if the region bounded by the curves $y=\ln x$, $x=axis$ from $x=1$ to $x=e^2$ is rotating about $y=axis$ Math $102-7$ Quiz # 5 \mathbf{B} Sem 062 Name: Q1 $\sqrt{x} \cos \sqrt{x} dx$ Q2 Set up the integral (do not evaluate) to find the volume of the solid generated if the region bounded by the curves $y=x^2=1$, $x=axis$ is rotating about $x=2$, by using cylindrical shells method. Q3 Find the volume of the solid generated if the region bounded by the curves $y=\ln x$, $x=axis$ from $x=1$ to $x=e^3$ is rotating about $y=axis$ Math $102-19$ Quiz # 5 \mathbf{A} Sem 062 Name: Q1 $e^{2x}\sin x dx$ Q2 Set up the integral (do not evaluate) to find the volume of the solid generated if the region bounded by the curves $y=x^2$, $x=xis$ is rotating about $x=xis$ from $x=xis$ of the volume of the solid generated if the region bounded by the curves $y=xis$ is rotating about $y=xis$ Math $x=xis$ from $x=xis$ is rotating about $y=xis$ Math $x=xis$ from $x=xis$ is rotating about $y=xis$ Math $x=xis$ from $x=xis$ from $x=xis$ is rotating about $y=xis$ Math $x=xis$ from $x=xis$ |
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| $\overline{Q2}$ Set up the integral (do not evaluate) to find the volume of the solid generated if the region bounded by the curves $y=x^2=1$, $x=axis$ is rotating about $x=2$, by using cylindrical shells method. $\overline{Q3}$ Find the volume of the solid generated if the region bounded by the curves $y=\ln x$, $x=axis$ from $x=1$ to $x=e^3$ is rotating about $y=axis$ Math $102-19$ Quiz # 5 A Sem 062 Name: $\overline{Q2}$ Set up the integral (do not evaluate) to find the volume of the solid generated if the region bounded by the curves $y=2$ x^2 , $x=axis$ is rotating about $x=3$, by using cylindrical shells method. $\overline{Q3}$ Find the volume of the solid generated if the region bounded by the curves $y=x^2$ $x=x^2$ |
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| from $x = 1$ to $x = e^3$ is rotating about $y = axis$ Math $102 - 19$ Quiz # 5 A Sem 062 Name: |
| Math $102 - 19$ Quiz # 5 \mathbf{A} Sem 062 Name: |
| $Q1 = e^{2x} \sin x dx$ $Q2 = Set up the integral (do not evaluate) to find the volume of the solid generated if the region bounded by the curves y = 2 = x^2 = x, x = axis is rotating about x = 3, by using cylindrical shells method. Q3 = Sind = S$ |
| $Q1 = e^{2x} \sin x dx$ $Q2 = Set up the integral (do not evaluate) to find the volume of the solid generated if the region bounded by the curves y = 2 = x^2 = x, x = axis is rotating about x = 3, by using cylindrical shells method. Q3 = Sind = S$ |
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| bounded by the curves $y=2$ x^2 , x axis is rotating about $x=3$, by using cylindrical shells method. Q3 Find the volume of the solid generated if the region bounded by the curves $y=\sin x$, $x=axis$ from $x=0$ to $x=x=x=x=x=x=x=x=x=x=x=x=x=x=x=x=x=x=x=$ |
| method. Q3 Find the volume of the solid generated if the region bounded by the curves $y = \sin x$, $x = axis$ from $x = 0$ to $x = 1$ is rotating about $y = axis$ Math 102 - 16 Quiz # 5 B Sem 062 Name: I.D.#: Serial #: |
| $\underline{Q3}$ Find the volume of the solid generated if the region bounded by the curves $y = \sin x$, $x = axis$ from $x = 0$ to $x = i$ is rotating about $y = axis$ Math 102 - 16 $\qquad \qquad \qquad$ |
| from $x = 0$ to x is rotating about $y = axis$ Math 102 - 16 Quiz # 5 B Sem 062 Name: I.D.#: Serial #: |
| Math 102 - 16 Quiz # 5 B Sem 062 Name: I.D.#: Serial #: |
| Name:I.D.#:Serial #: |
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| $\underline{Q1} \sqrt{x} \cosh \sqrt{x} dx$ |
| Q2 Set up the integral (do not evaluate) to find the volume of the solid generated if the region |
| bounded by the curves $y = x^2 - 2$, $x = axis$ is rotating about $x = 2$, by using cylindrical shells |
| method. Q3 Find the volume of the solid generated if the region bounded by the curves $y = e^x$, $x = axis$ |
| from $x = 0$ to $x = 2$ is rotating about $y = axis$ |
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| Math 102 - 16 Quiz # 5 A Sem 062 Name: I.D.#: Serial #: |
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| $\underline{Q1} \sqrt{x} \sinh \sqrt{x} dx$ |
| |
| Q2 Set up the integral (do not evaluate) to find the volume of the solid generated if the region bounded by the curves $y = 2 + x^2 + x = x^2$, $x = x^2 + x^2 + x = $ |

 $\underline{Q3}$ Find the volume of the solid generated if the region bounded by the curves $y = e^x$, x = axis

from x = 0 to x = 3 is rotating about y = axis

Quiz # 5 A

Math 102 - 7

Sem 062

| Math 102 - 19 | Quiz # 5 ${ m B}$ | Sem 062 | |
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Q1 $e^x \sin 3x \, dx$

 $\overline{Q2}$ Set up the integral (do not evaluate) to find the volume of the solid generated if the region bounded by the curves y=4 x^2 , x axis is rotating about x=3, by using cylindrical shells method.

 $\underline{Q3}$ Find the volume of the solid generated if the region bounded by the curves $y = \cos x$, x = axis from x = 0 to $x = \frac{1}{2}$ is rotating about y = axis