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| **Fill in the Blanks** | **Volumes of Revolution Around the Y-Axis** |

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| **Question** | **Definite Integral** | **Integrate…** | **Evaluate Upper** **and Lower Limits** | **Volume of Revolution** |
| Find the volume of the solid formed when the curve is rotated around the -axis between and  |  |  |  |  |  |
| Find the volume of the solid formed when the curve is rotated radians around the -axis between and  |  |  |  |  |  |
| Find the volume of the solid formed when the curve is rotated around the -axis between and  |  |  |  |  |  |
| Find the volume of the solid formed when the curve is rotated radians around the -axis between and  |  |  |  |  |  |
| Find the volume of the solid formed when the curve is rotated around the -axis between and  |  |  |  |  |  |
| Find the volume of the solid formed when the curve is rotated radians around the -axis between and  |  |  |  |  |  |