


Name: _____

QUIZ 6 

MATH 201
February 4, 2025

1. The curve $y = \sqrt{4x + 6}$ for $1 \leq x \leq 5$ is rotated around the x -axis.
Find the area of the resulting surface.

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QUIZ 6 

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1. The curve $y = \sqrt{5x - x^2}$ for $1 \leq x \leq 4$ is rotated around the x -axis.
Find the area of the resulting surface.