
Name: _____

QUIZ 5 ♠

MATH 201
February 1, 2024

1. Find the arc length of the curve $y = \frac{\sqrt{x^3}}{3}$ from $x = 0$ to $x = 60$.

Name: _____

1. Find the arc length of the curve $y = \frac{\sqrt{x^2 + 2}^3}{3}$ from $x = 0$ to $x = 1$.

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QUIZ 5 ♣

MATH 201
February 1, 2024

1. Find the arc length of the curve $y = \frac{x^4}{4} + \frac{1}{8x^2}$ from $x = 1$ to $x = 2$.

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1. Find the arc length of the curve $y = 3 \ln(x) - \frac{x^2}{24}$ from $x = 1$ to $x = 6$.