
Name: _____

QUIZ 2 ♠

MATH 201
January 23, 2024

1. Find the area of the region bounded by $y = x^2$ and $y = \sqrt{x}$. (Sketch the curves first!)

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1. Find the area of the region bounded by $y = \pi x - x^2$ and $y = \sin(x)$. (Sketch the curves first!)

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QUIZ 2 ♣

MATH 201
January 23, 2024

1. Find the area of the region bounded by $y = e^x$, $y = e^{-2x}$ and $x = \ln(4)$. (Sketch the curves first!)

Name: _____

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1. Find the area of the region bounded by $y = \frac{2}{1+x^2}$ and $y = 1$. (Sketch the curves first!)