
Name: _____

QUIZ 14 ♡

MATH 200
March 3, 2026

1. Use logarithmic differentiation to find the derivative of the function $y = \sqrt{e^x \sin(x) \cos(x)}$.

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QUIZ 14 ♣

MATH 200
March 3, 2026

1. Use logarithmic differentiation to find the derivative of the function $y = x^2 e^x \sin(x) \cos(x)$.

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QUIZ 14 \diamond

MATH 200
March 3, 2026

1. Use logarithmic differentiation to find the derivative of the function $y = \frac{1}{e^x \sin(x) \cos(x)}$.

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QUIZ 14 ♠

MATH 200
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1. Use logarithmic differentiation to find the derivative of the function $y = xe^x \sin^2(x)$.