
Name: _____

1. Use logarithmic differentiation to find the derivative of the function $y = (x^4 + x)^{5x}$.

Name: _____

QUIZ 14 ♣

MATH 200
October 25, 2021

1. Use logarithmic differentiation to find the derivative of the function $y = x^{x^2+5}$.

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QUIZ 14 \diamond

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

Name: _____

QUIZ 14 ♠

MATH 200
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1. Use logarithmic differentiation to find the derivative of the function $y = (x^2 + 1)^{x+1}$.