

Name: \_\_\_\_\_

1. Use a limit definition of the derivative to find the derivative of the function  $f(x) = \frac{1}{x+1}$ .

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Name: \_\_\_\_\_

QUIZ 5  $\diamond$

MATH 200  
September 15, 2021

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1. Use a limit definition of the derivative to find the derivative of the function  $f(x) = \sqrt{x+5}$ .

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Name: \_\_\_\_\_

QUIZ 5 ♣

MATH 200  
September 15, 2021

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1. Use a limit definition of the derivative to find the derivative of the function  $f(x) = 3x^2 - 2$ .

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Name: \_\_\_\_\_

QUIZ 5 ♠

MATH 200  
September 15, 2021

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1. Use a limit definition of the derivative to find the derivative of the function  $f(x) = \frac{2}{3x}$ .