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

QUIZ 15 ♠

MATH 201  
March 19, 2024

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1. Consider the parametric curve  $x = t \cos(t)$ ,  $y = t \sin(t)$ . Find  $\frac{dy}{dx}$ .

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QUIZ 15 ♦

MATH 201  
March 19, 2024

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1. Consider the parametric curve  $x = t^2 + t$ ,  $y = t \ln(t)$ . Find  $\frac{dy}{dx}$ .

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

QUIZ 15 ♣

MATH 201  
March 19, 2024

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1. Consider the parametric curve  $x = \sin(t)$ ,  $y = \cos(e^t)$ . Find  $\frac{dy}{dx}$ .

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

QUIZ 15 ♥

MATH 201  
March 19, 2024

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1. Consider the parametric curve  $x = t + \cos(t)$ ,  $y = \sin(e^t)$ . Find  $\frac{dy}{dx}$ .