King Fahd University for Petroleum and Minerals Department of Mathematics & Statistics

Term 162 Quiz#4 (3.1 to 3.3) Math 101 (11)

Full Name: ID# Ser#

Q1. Let $f(x) = x\sin(x) + x^2$. Find f'(x).

Q2. Let $y = \frac{4x^2 + e^x}{3x + 1}$. Find $\frac{dy}{dx}$.

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Term 162 Quiz#4 (3.1 to 3.3) Math 101 (11)

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Q1. Let $f(x) = x \cos x - x^2$. Find f'(x).

Q2. Let $y = \frac{x^2 + 3e^x}{4x - 1}$. Find $\frac{dy}{dx}$.