

Full Name: _____

ID# _____

Ser# _____

Q1. Let $y = \exp(2x + x^2)$. Find $\frac{dy}{dx}$.

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

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Q1. Let $y = \exp(3x + x^4)$. Find $\frac{dy}{dx}$.

Q2. Let $\cos(2y - x) = \frac{y}{1+2x^2}$. Find $\frac{dy}{dx}$.