Student ID:

Math 101, Section 32	
Spring 2016, Term 151	

Quiz 4 Version A Student Name: Serial Number:

Instructions: Show Your Work!

 (5 pts) Find an equation of the tangent line to the curve sin(x + y) = 2x - 2y at the point (π, π).

2. (5 pts) Use logarithmic differentiation to find
$$dy/dx$$
 for

$$y = \sqrt{x}e^{x^2 - x} \left(x + 1\right)^{2/3}$$

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