

Quiz #8

Directions: Carefully read each question below and answer to the best of your ability in the space provided. You **MUST** show your work to receive full credit!

1. (5 points) Find the derivative of the following function:

$$(x^3 + \sin(5x^2))^4.$$

2. (5 points) Find the equation of the tangent line to the curve $y = x^3 + e^{2x}$ at the point (0,1).

Name: _____

Section (circle one): 003 004

Question:	1	2	Total
Points:	5	5	10
Score:			