

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

Find the derivative of the inverse functions given at the points listed (on inverse graph)

$$f(x) = e^{-2x} - 9x^3 + 4 \quad @ (5, 0)$$

$$f(x) = x^7 + 2x + 9 \quad @ (12, 1)$$

$$f(x) = x^{5/3} e^{x^2} \quad @ (e, 1)$$

$$f(x) = \frac{-e^{-3x}}{x^2 + 1} \quad @ (-1, 0)$$