MATH 104   Quiz 4a   PRINT NAME _____

February 10, 2006   SIGNATURE _____

(10) 1. (a) Find $\frac{dy}{dx}$ if $y = (8x^4 - 3x^2)^3$.

(b) Find $\frac{dy}{dx}$ if $y = (x^3 + 2)(x^2 - 1)^2$.

(5) 2. Find the equation of the tangent line to the graph of

$$y = \sqrt{2x^2 + 7}$$

at the point $(3, 5)$.