Quiz 13: Wednesday, April 23, 2008

Find the derivative of each function.

1. (3 points) \[ y = 5^{x^2-3x} \]

2. (3 points) \[ y = \sqrt{\log_3 x} \]

3. (6 points) \[ y = x^{\tan x} \quad \text{Hint: Use logarithmic differentiation.} \]