Name:
December 1, 2015
MAC 1105.1A26
Cyr

Quiz 13
You must show all work to receive full credit!!

Problem 1. (2 pts) Solve the equation $\left(\dfrac{1}{3}\right)^{6-4x} = 9$.

Problem 2. (3 pts) Rewrite the expression as a single logarithm with coefficient 1 (assume all variables represent positive real numbers):

$$\log_4 x + 3\log_4 y - \log_4 z$$