Name_____ID_____Section_____

Quiz No: 3 **Math 202**

Q1.Verify that e^{-3x}, e^{-4x} form a fundamental set of solutions of the differential equation $y'' + 7y' + 12y = 0$ on the interval $(-\infty, \infty)$.

Q2. Verify that $y_p = \frac{1}{3}e^{5x}$ is a particular solution of the differential equation $y'' + y' - 6y = 8e^{5x}$
