

Quiz #2
MA 238-02

Name: _____
1/16/09

1. Solve the initial-value problem $\frac{dy}{dx} = 4x + 10e^{2x}$ with $y(0) = 2$.

2. Find the general solution to $\frac{dy}{dx} = 2e^{-y} + e^{-y} \sin x$.