Maple Project 1

Directions: This project is due in class on Friday, January 28, 2000 and will be attached to Quiz 1. Please prepare your project by modifying the appropriate instructor-provided worksheet.

1. Prepare and print a Maple worksheet which solves the IVP:
   \[
   \frac{dy}{dx} = (3x^2 + 1)(y - 2) \\
   y(0) = 5
   \]

2. Prepare and print a Maple worksheet which solves the IVP:
   \[
   (3 + e^{2x}) \frac{dy}{dx} - 2e^{2x} - ye^{2x} = 0 \\
   y(0) = 4
   \]