MATH 3D Self-Quiz 3

Name: ____________________________

Week of Jan. 23, 2006
Closed book, no calculator

Solve the following problems. Try to solve each problem within the suggested time.

1. (7 minutes) \[ t^2 y' = y^2 + ty + t^2 \quad y(1) = 1. \]

2. (3 minutes) Find the interval of existence for the solution to the previous problem.