

QUIZ 2 FOR CALC4 ON FEB. 19, 2014

Name: _____ RUID: _____

Email: _____

1. Solve the initial value problem

$$\begin{cases} ty' + (t - 1)y = -e^{-t}, \\ y(\ln 2) = 1/2. \end{cases}$$

2. Give the general solution to the ODE

$$xy' = \sqrt{9 - y^2}$$