

Quiz 6 for Calc4 on Apr. 2, 2014

Name: _____ RUID: _____

Email: _____

1. Find the Laplace transform of the function

$$f(t) = e^t \cos 3t.$$

2. Solve the initial value problem

$$y'' - 3y' + 2y = e^t, y(0) = 0, y'(0) = 1.$$