Dr. Z.'s Math 421(2), (Fall 2014, RU) REAL Quiz #3

NAME: (print!) _____

E-MAIL ADDRESS: (print!) _____

1. Compute (using Lecture 4's method!) $\mathcal{L}\{t^3 e^{-2t}\}$.

2. Solve the IVP

$$y' - 3y = \delta(t-2) \quad , \quad y(0) = 1 \quad .$$