Math 301   Quiz #4   Summer 2014

Name:.. ID:...................................

Exercise # 1: Find the Laplace transform of

$$f(x) = \mathbf{e}^{-5t} \sin^2(3t)$$

Exercise #2: Find the inverse Laplace transform of

$$F(s) = \frac{\mathbf{e}^{-3s}(s-1)}{s^2+3}$$