

KFUPM.....Math & Stats DeptMath 301-03 (123) ... Quiz #5

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

Exercise #1: Find the Laplace transform of

$$f(t) = 3t^2 + 2 \cos^2 t, t \geq 0$$

Exercise #2: Find the inverse Laplace transform of

$$F(s) = \frac{s - 2}{s^2 + 6s + 11}$$