

Attendance Quiz for Lecture 10

NAME: (print!) _____

E-MAIL ADDRESS: (print!) _____

1. Set up the initial simplex tableau for solving the following linear programming problem using the big- M method.

Minimize $x_1 + x_2$ subject to the constraints

$$2x_1 + x_2 \geq 2 \quad , \quad x_1 + 2x_2 \geq 2 \quad ,$$

$$x_1 \geq 0 \quad , \quad x_2 \geq 0 \quad .$$