Math 354
Participation #11 Name: _____ netID: _____ Section: ____

Consider the diet problem:
Minimize $z = 4x_1 + 3x_2$ subject to

$$10x_1 + 15x_2 \geq 30$$
$$30x_1 + 10x_2 \geq 50$$
$$x_1, x_2 \geq 0$$