$$\times = \begin{bmatrix} 4/5 \\ 0 \\ \times z \\ 0 \\ 0 \\ \times 4 \\ 0 \\ \times 5 \end{bmatrix}$$

check constraints.

$$-2(45) + 3(65) = 105 = 2$$

minimize ((X)

$$c(x) = 4x_1^{\dagger} + 2x_2^{\dagger} + x_3^{\dagger} + 4x_4^{\dagger} - 2x_5^{\dagger}$$

min 
$$c(x) = 4(4/5) + 2(0) + (0) + 4(0) - 2(6/5)$$