

EX 2.5.1. PAG 48.

$$\text{MAX } Z = 4x_1 + 3x_2 \quad (7)$$

$$\text{SUJEITO A } x_1 + 3x_2 \leq 8 \quad (6)$$

$$2x_1 + 2x_2 = 8 \quad (5)$$

$$x_1 + x_2 \leq -3 \quad (4)$$

$$x_2 \leq 2 \quad (3)$$

$$x_1 \geq 0 \quad (2)$$

$$x_2 \geq 0 \quad (1)$$

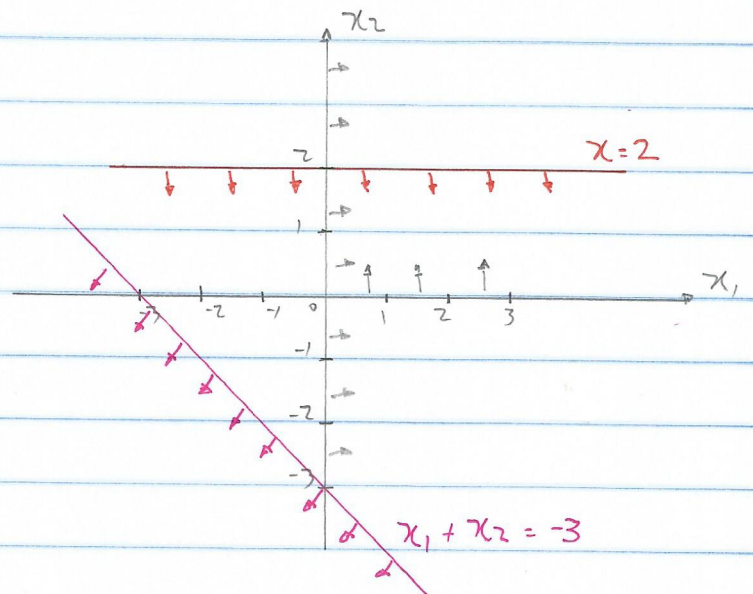
$$(3) \quad x_2 \leq 2$$

$$x_2 = 2$$

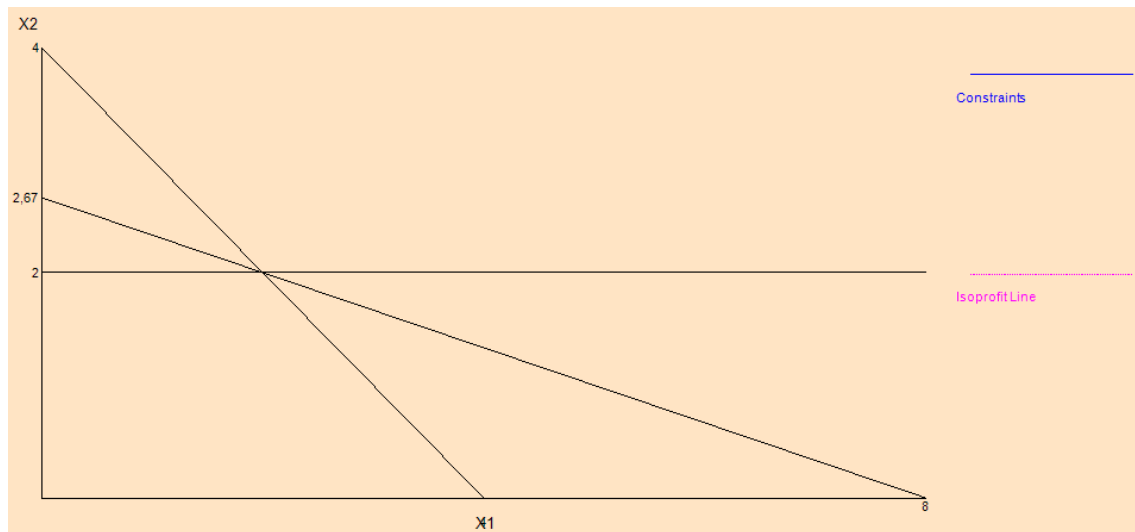
$$(4) \quad x_1 + x_2 \leq -3$$

$$x_1 + x_2 = -3 \quad \text{Linha}$$

x_1	x_2
0	-3
-3	0



RESPOSTA: SOLUÇÃO INVÍVEL.



- Constraint Display
- ☐ Max $4X_1 + 3X_2$
 - ☐ $1X_1 + 3X_2 \leq 8$
 - ☐ $2X_1 + 2X_2 = 8$
 - ☐ $-1X_1 - 1X_2 \geq 3$
 - ☐ $1X_2 \leq 2$
 - ☒ none