

Caso no acotado

$$\text{Max } z = 2x + y$$

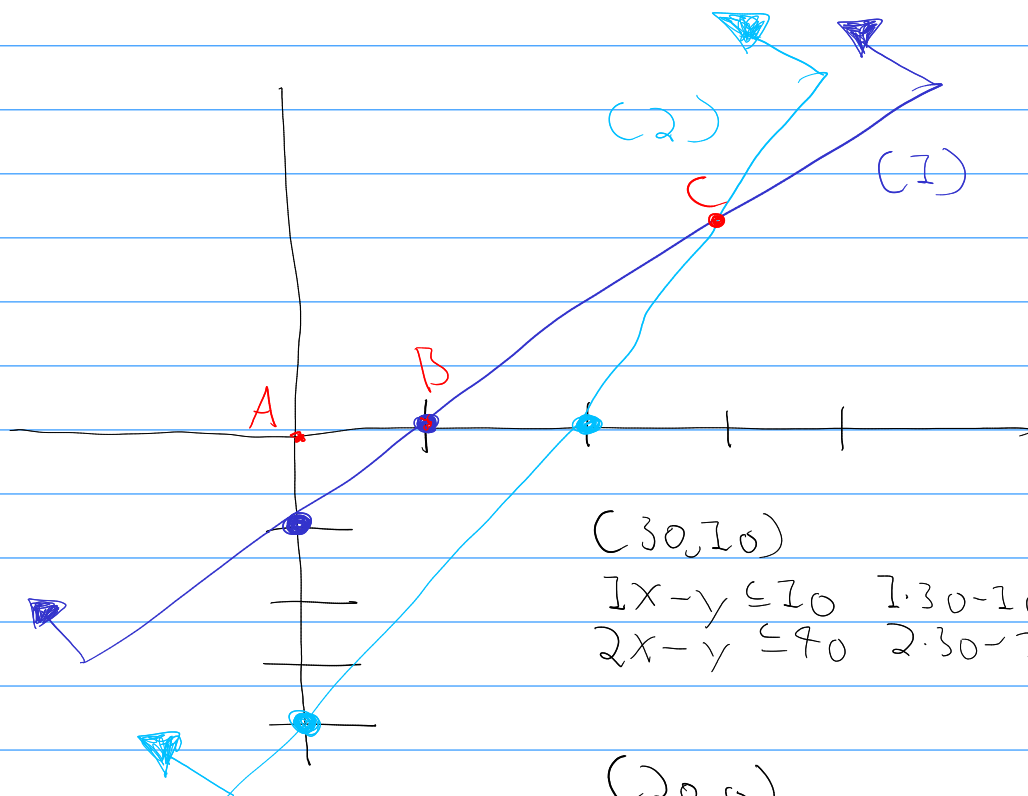
Sujeto a:

$$1x - y \leq 10 \quad (1)$$

$$2x - y \leq 40 \quad (2)$$

$$x, y \geq 0 \quad (3)$$

(1)	(2)
$1x - y \leq 10$	$2x - y \leq 40$
$1x - y = 10$	$2x - y = 40$
si $x = 0$ $-y = 10$	si $x = 0$ $-y = -40$
$(0, -10)$	$(0, -40)$
si $y = 0$ $x = 10$	si $y = 0$ $2x = 40$
$(10, 0)$	$(20, 0)$



$$(30, 10)$$

$$1x - y \leq 10 \quad 1 \cdot 30 - 10 = 20 \quad \text{X}$$

$$2x - y \leq 40 \quad 2 \cdot 30 - 10 = 50 \quad \text{X}$$

$$(20, 0)$$

$$1x - y \leq 10 \quad 1 \cdot 20 - 0 = 20 \quad \text{X}$$

$$2x - y \leq 40 \quad 2 \cdot 20 - 0 = 40 \quad \text{X}$$

$$A (0, 0) \quad 2 \cdot 0 + 0 = 0$$

$$B (10, 0) \quad 2 \cdot 10 + 0 = 20$$

$$C (30, 20) \quad 2 \cdot 30 + 20 = 80$$