

**P9**

altaMem = x

altaCpu = y

$$\text{MIN } F = 20x + 25y$$

$$10x + 8y \geq 100$$

$$32x + 16y \geq 400$$

$$4x + 8y \geq 200$$

$$x, y \geq 0$$

X	Y	VT1	VT2	LD
2	3	1	0	100
3	4	1	0	400
4	5	1	0	200

**P7**

tipo1 = x

tipo2 = y

$$\text{MAX } F = 10x + 15y$$

$$2x + 3y \leq 30$$

$$4x + 2y \leq 40$$

$$500x + 700y \leq 5000$$

$$10x + 15y \geq 100$$

$$x, y \geq 0$$

X	Y	VT1	VT2	LD
1	2	0	-1	30
2	3	0	-1	40
2	2	0	-1	5000
3	3	0	-1	1000