

BANQUILLO

	A	B	C	D	Ficticia	oferta
A	900 3	4000 2	2000 7	1400 6	100 0	5000
B	2600 4	5	2000 2	1400 3	0	6000
C	2500 2	5	4	5	0	2500
	6000	4000	2000	1400	100	

	A	B	C	D	Ficticia	
A	900 3	4000 2	2000 7	1400 6	100 0	5000
B	2600 4	5	2000 2	1400 3	0	6000
C	2500 2	5	4	5	0	2500
	6000	4000	2000	1400	100	

	A	B	C	D	Ficticia	
A	900 3	4000 2	2000 7	1400 6	100 0	5000
B	2600 4	5	2000 2	1400 3	0	6000
C	2500 2	5	4	5	0	2500
	6000	4000	2000	1400	100	

	A	B	C	D	Ficticia	
A	900 3	4000 2	2000 7	1400 6	100 0	5000
B	2600 4	5	2000 2	1400 3	0	6000
C	2500 2	5	4	5	0	2500
	6000	4000	2000	1400	100	

A	900	3	4000	2	7	6	100	0	5000
B	2600	7		5	2000	2	1400	3	6000
C	2500	2		5		4		5	2500
	6000		4000		2000		14000	200	

A	900	3	4000	2	7	6	100	0	5000
B	2600	7		5	2000	2	1400	3	6000
C	2500	2		5		4		5	2500
	6000		4000		2000		1400	100	

A	900	3	4000	2	7	6	100	0	5000
B	2600	7		5	2000	2	1400	3	6000
C	2500	2		5		4		5	2500
	6000		4000		2000		1400	100	

A	900	3	4000	2	7	6	100	0	5000
B	2600	7		5	2000	2	1400	3	6000
C	2500	2		5		4		5	2500
	6000		4000		2000		1400	100	

$$AE = 7 - 3 + 7 - 2 = 9$$

$$AD = 6 - 3 + 7 - 3 = 7$$

$$BE = 5 - 7 + 3 - 2 = -1 \quad \leftarrow$$

$$BF_{fiction} = 0 - 7 + 3 - 0 = -4 \quad \leftarrow$$

$$CB = 5 - 2 + 3 - 2 = 4$$

$$CC = 4 - 2 + 3 - 2 = 7$$

$$CD = 5 - 2 + 7 - 3 = 7$$

$$CF_{fiction} = 0 - 2 + 3 - 0 = 1$$

A	1600	3	4000	2		7		6	100	0	5000
B	2500	7		5	2000	2	1400	3		0	6000
C	2500	2		5		4		5		0	2500
	6000		4000		2000		1400		100		

A	3500	3	1500	2		7		6	100	0	5000
B	0	7	2500	5	2000	2	1400	3		0	6000
C	2500	2		5		4		5		0	2500
	6000		4000		2000		1400		100		

$$CT = (3500)(3) + (1500)(2) + (2500)(5) + (7000)(2) + 1400(3) + (2500)(2)$$

$$CT = 39200$$

$$c_{ij} = u_i + v_j$$

$$c_{ij} - (u_i + v_j) = 0$$

MULTIPLICADORES

		v_1	v_2	v_3	v_4	v_5	
		A	B	C	D	Frecuencia	
u_1	A	9000	3	4000	2	7	6
u_2	B	2000	7	5	2000	2	1400
u_3	C	2500	2	5	4	5	5
		4000	4000	2000	1400	100	

$$\begin{array}{l|l|l} u_1 = 0 & 2 = 0 + v_2 & 0 = 0 + v_5 \\ 3 = 0 + v_1 & \underline{v_2 = 2} & \underline{v_5 = 0} \\ \underline{v_1 = 3} & & \end{array}$$

$$\begin{array}{l|l|l} 7 = u_2 + 3 & 2 = 4 + v_3 & 3 = 4 + v_4 \\ \underline{u_2 = 4} & \underline{v_3 = -2} & \underline{v_4 = -1} \end{array}$$

$$\begin{array}{l} 2 = u_3 + 3 \\ \underline{u_3 = -1} \end{array}$$

$$C_{13} = 7 - (0 + (-2)) = 9$$

$$C_{14} = 6 - (0 - 1) = 7$$

$$C_{22} = 5 - (4 + 2) = -1 \leftarrow$$

$$C_{25} = 0 - (4 + 0) = -4 \leftarrow$$

$$C_{32} = 5 - (-1 + 2) = 4$$

$$C_{33} = 4 - (-1 - 2) = 7$$

$$C_{34} = 5 - (-1 - 1) = 7$$

$$C_{35} = 0 - (-1 + 0) = 1$$

A	1000	3	4000	2	7	6	0	0	5000
B	2500	7	2000	5	2	1400	3	100	6000
C	2500	2		5	4		5	0	2500
	6000	4000	2000	1400	100				

A	3500	3	1500	2	7	6	0	0	5000
B	0	7	2500	5	2	1400	3	100	6000
C	2500	2		5	4		5	0	2500
	6000	4000	2000	1400	100				

$$CT = (3500)(3) + (1500)(2) + (2500)(5) + (2000)(2) + (1400)(3)$$

$$CT = 39200$$