

P labrak	Proyekt			S	OC	OC	OC	OC
	L ₁	L ₂	L ₃					
P ₁	4 —	8 56	8 —	56	4	0	8	8
P ₂	16 —	24 41	16 41	82	0	8	24	—
P ₃	8 72	16 5	24 —	77	8	8	16	16
D	72	102	41	215				
OC	4	8	8					
OC	—	8	8					
OC	—	8	—					
OC	—	8	—					
	$Z_{\text{total}} = 8 \cdot 56 + 24 \cdot 41 + 16 \cdot 41 + 8 \cdot 72 + 16 \cdot 5 = 2744$							

Tabel Transportasi :

Pabrik	Pasar			Penawaran
	1	2	3	
1	8 120	5 -	6 -	120
2	15 30	10 50	12 -	80
3	3 20	9 20	10 60	80
Permintaan	150	70	60	280

Zawal = 2690.

Sel Kosong: X_{12}

X_{ij}
i: maks
j: min
kolom

$X_{12} \rightarrow X_{22} \rightarrow X_{21} \rightarrow X_{11} = 5 - 10 + 15 - 8 = 2$
 $X_{13} \rightarrow X_{23} \rightarrow X_{21} \rightarrow X_{11} = 6 - 10 + 9 - 8 = -3$
 $X_{23} \rightarrow X_{33} \rightarrow X_{32} \rightarrow X_{22} = 12 - 10 + 9 - 10 = 1$
 $X_{31} \rightarrow X_{32} \rightarrow X_{22} \rightarrow X_{12} = 3 - 15 + 10 - 9 = -11$

Tabel Transportasi :

Pabrik	Pasar			Penawaran
	1	2	3	
1	8 120	5 -	6 -	120
2	15 10	10 70	12 10	80
3	3 20	9 20	10 60	80
Permintaan	150	70	60	280

Sel Kosong:

$X_{12} \rightarrow X_{22} \rightarrow X_{21} \rightarrow X_{11} = 5 - 10 + 15 - 8 = 2$
 $X_{13} \rightarrow X_{23} \rightarrow X_{31} \rightarrow X_{21} = 6 - 10 + 3 - 8 = -9$
 $X_{23} \rightarrow X_{33} \rightarrow X_{31} \rightarrow X_{21} = 12 - 10 + 3 - 15 = -10$
 $X_{32} \rightarrow X_{31} \rightarrow X_{21} \rightarrow X_{12} = 9 - 3 + 15 - 10 = 11$

Tabel Transportasi :

Pabrik	Pasar			Penawaran
	1	2	3	
1	8 70	5 -	6 50	120
2	15 10	10 70	12 10	80
3	3 30	9 20	10 50	80
Permintaan	150	70	60	280

Sel Kosong:

$X_{12} \rightarrow X_{11} \rightarrow X_{31} \rightarrow X_{33} \rightarrow X_{23} \rightarrow X_{22} = 5 - 8 + 3 - 10 + 12 - 10 = -8$
 $X_{13} \rightarrow X_{23} \rightarrow X_{31} \rightarrow X_{11} = 6 - 10 + 3 - 8 = -9$
 $X_{21} \rightarrow X_{23} \rightarrow X_{33} \rightarrow X_{31} = 15 - 12 + 10 - 3 = 10$
 $X_{32} \rightarrow X_{33} \rightarrow X_{23} \rightarrow X_{22} = 9 - 10 + 12 - 10 = 1$