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Kelas : B - TI

Iterasi 1

Metode MWC :

	1		2		3		penawaran
1	150	14	30	15	x	6	180
2	x	15	240	10	40	12	280
3	x	23	x	9	80	16	80
Permintaan	150		270		120		

$$X_{13} : X_{13} - X_{23} + X_{22} - X_{12} \\ 6 - 12 + 10 - 15 = -11$$

$$X_{21} : X_{21} - X_{11} + X_{12} - X_{22} \\ 15 - 14 + 15 - 10 = 6$$

$$X_{32} : X_{32} - X_{33} + X_{23} - X_{22} \\ 9 - 16 + 12 - 10 = -5$$

$$X_{31} : X_{31} - X_{11} + X_{12} - X_{22} + X_{23} - X_{33} \\ 23 - 14 + 15 - 10 + 12 - 16 = 10$$

1. Data 2. Metode LC:

	1		2		3		Persediaan
1	60	14	x	15	120	6	180
2	90	15	190	10	x	12	280
3	x	23	80	9	x	16	80
Permintaan	150		270		120		

$$x_{12} = x_{12} - x_{22} + x_{21} - x_{11}$$

$$15 - 10 + 15 - 14 = 6$$

$$x_{23} = x_{23} - x_{13} + x_{11} - x_{21}$$

$$12 - 6 + 14 - 15 = 5$$

$$x_{31} = x_{31} - x_{32} + x_{22} - x_{21}$$

$$23 - 9 + 10 - 15 = 9$$

$$x_{33} = x_{33} - x_{13} + x_{11} - x_{21} + x_{22} - x_{32}$$

$$16 - 6 + 14 - 15 + 10 - 9 = 10$$

$$\text{Biaya} : (120 \times 6) + (80 \times 9) + (190 \times 10) + (60 \times 14) + (90 \times 15)$$

$$\text{Biaya} : 720 + 720 + 1900 + 840 + 1350$$

$$= 5,530$$