

Solution:

Pg# (5)

	1	2	3	4	Supply				
1	X	40	X	80	120 80	13	(13)	-	-
	20	22	17	4	0	2	2	2	17
2	40	X	30	X	70 40	2	2	2	17
	24	37	9	7	0	5	5	5	(17)
3	20	X	X	30	50 20	5	5	5	(17)
	32	37	20	15	0	5	5	5	(17)
Demand	60 0	40 0	30 0	110 0	240 240				
	4	(15)	8	3					
	4	-	8	3					
	8	-	(19)	8					
	8	-	-	8					

$$\Rightarrow = 40(22) + 80(4) + 40(24) + 30(9) + 20(32) + 30(15)$$

$$\Rightarrow = 880 + 320 + 960 + 270 + 640 + 450$$

$$= \boxed{3,520}$$