Min
$$Z=8x_1+4x_2$$

 $3x_1+x_2\geqslant 27$
 $x_1+x_2=21$
 $x_1+2x_2\leqslant 40$
 $x_1,x_2\geqslant 0$

Standard Form

Max
$$Z = -8x_1 - 4x_2 + 05_1 + 6x_2 - MA_1 - MA_2$$

$$3x_1 + x_2 - 5_1 + A_1 = 27$$

$$x_1 + x_2 + A_2 = 21$$

$$x_1 + 2x_2 + 5_2 = 40$$

$$x_1, x_2, y_1, y_2, A_1, y_1 \ge 0$$

		Cj	-8	-4	0	0	-M	-M		
Csi	Bane	Sol	χ,	×2	5,	52	AI	Az		Ratio
-M	Ai	(27	3	1	-1	0	ı	0	\supset	273=9
-M	AZ	21	1	1	o , .	0	0	1		21/1 = 21
0	Sz	40	1	2	٥	1	0	0		40/=40
		-48M	-4M	-2M	М	o	-M	-M		
	G.	一马	-8+4M -4+2M -M 0 0 0							-
-8	74	9	1	1/3	-1/3	0	/3	0		91=27
-M	AZ	12	6	3/3	1/3	0	-73	1		12/23 = 18 -
0	52	31	۵	5/3	1/3	٥.	- 1/3	0		31×3/5 = 18·6
	2 j	-72-12M	-8	-8/3-7/3	M %-	M/3	- 8/91	1/3M =	M	-
G-M;			0 -4/3+2/3M -8/3+M/3 8/2-3/3M O							
-8	χ_{l}	3	1	0	-1/2	0	1/2	1/2		
-4	χ_{2}	18	0	1	1/2	. 0	-1/2	3/2		
ט	52	1	0	o	-1/2	. 1	1/2	-5/2		
	-10									
*	29	-96	-8	-4	2	0	-2	-2		
	G-:	4	0	0	-2	0	-m+2	-n+2		y-27 5