max Z = 5.0X1 + 4.0X2 + 5.0X3

S.A.R

2.0X1 + 5.0X2 + 2.0X3 <= 20.0

3.0X1 + 6.0X2 + 1.0X3 <= 18.0

2.0X1 + 5.0X2 + 2.0X3 + 1X4 + 0X5 = 20.0

3.0X1 + 6.0X2 + 1.0X3 + 0X4 + 1X5 = 18.0

Z - 5.0X1 - 4.0X2 - 5.0X3 + 0X4 + 0X5 = 0

Variables de Holgura: ['X5', 'X4']

Variables Artificiales: []

Tiene Soluciones Múltiples

X1 = 0

X2 = 0

X3 = 10

X4 = 0

X5 = 8

Z = 50

V.B	X1	X2	X3	X4	X5	bi
X	2	5	2	1	0	20
X	3	6	1	0	1	18
Z	-5	-4	-5	0	0	0

V.B	X1	X2	X3	X4	X5	bi
X4	2	5	2	1	0	20
X5	3	6	1	0	1	18
Z	-5	-4	-5	0	0	0

V.B	X1	X2	X3	X4	X5	bi
X4	0	1	4/3	1	-2/3	8
X1	1	2	1/3	0	1/3	6
Z	0	6	-10/3	0	5/3	30

V.B	X1	X2	X3	X4	X5	bi
X3	1	5/2	1	1/2	0	10
X5	2	7/2	0	-1/2	1	8
Z	0	17/2	0	5/2	0	50

V.B	X1	X2	X3	X4	X5	bi
X3	1	5/2	1	1/2	0	10
X5	2	7/2	0	-1/2	1	8
Z	0	17/2	0	5/2	0	50

Tiene Soluciones Múltiples

X1 = 0

X2 = 0

X3 = 10

X4 = 0

X5 = 8

Z = 50