min 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: ['X4', 'X5']

Variables Artificiales: []

Tiene Soluciones Múltiples

X4 = 20

X5 = 18

Z = 0

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	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	2	5	2	1	0	20
X5	3	6	1	0	1	18
Z	-5	-4	-5	0	0	0

Tiene Soluciones Múltiples

X4 = 20

X5 = 18

Z = 0