LINEAR PROGRAMMING PROBLEM

MIN 6X1+19X2+8X3

S.T.

1) 1X1+2X2+1X3>5
2) 3X2+1X3>7

OPTIMAL SOLUTION

Objective Function Value = 46.000

Variable	Value	Reduced Costs
X1	0.000	1.000
X2	2.000	0.000
X3	1.000	0.000

Constraint	Slack/Surplus	Dual Prices
1	0.000	-5.000
2	0.000	-3.000

OBJECTIVE COEFFICIENT RANGES

Variable	Lower Limit	Current Value	Upper Limit
X1	5.000	6.000	No Upper Limit
X2	18.000	19.000	24.000
X3	6.333	8.000	8.333

RIGHT HAND SIDE RANGES

Constraint	Lower Limit	Current Value	Upper Limit
1	4.667	5.000	7.000
2	5.000	7.000	7.500