Microsoft Excel 16.0 Sensitivity Report
Worksheet: [A1_problem_solving.xlsx]Calc
Report Created: 25-09-2022 15:38:21

Variable Cells

Cell	Name	Final Value	Reduced Cost	Objective Coefficient	Allowable Increase	Allowable Decrease
B1	z	13363.63636	0	0.15	0.06	0.05
C1	z	0	0.115	0.1	1E+30	0.115
D1	z	0	0.115	0.1	1E+30	0.115
E1	z	3636.363636	0	0.1	0.05	0.06
F1	z	0	0.054545455	0.1	1E+30	0.054545455
G1	z	0	0.1	0.1	1E+30	0.1

Constraints

Cell	Name	Final Value	Shadow Price	Constraint R.H. Side	Allowable Increase	Allowable Decrease
I5		13363.63636	0	3000	10363.63636	1E+30
I6		10363.63636	0	7000	3363.636364	1E+30
I7		7000	0.104545455	7000	73000	4000
I8		-4000	0.045454545	-4000	4000	3700
I9		-5.29235E-09	0	-12000	12000	1E+30
I10		12000	0	-11000	23000	1E+30
I11		7631.818182	0	0	7631.818182	1E+30