Install the Solver Add-In

1. In the Microsoft Office button, go to excel options to click Add-ins
2. In the Add-Ins box, select Solver Add-In and click Go...
3. In the Add-Ins available box, check the Analysis ToolPak and then OK
Example

Min Z = 6X + 7Y

s.t  
2X + 6Y ≥ 10
5X + 3Y ≥ 10
X, Y ≥ 0
1. Enter the coefficients of the objective function Z i.e., (6, 7) in cells E5 and F5.
2. Enter the coefficients of the Constraint-1 i.e., (2,6) and RHS value 10 in cells E9, F9 and H9 respectively
3. Enter the coefficients of the Constraint-2 i.e., (5,3) and RHS value 10 in cells E10, F10 and H10 respectively
1. For the Objective function value, enter the formula for computing $Z = \text{SUMPRODUCT}(E5:F5,E6:F6)$. This formula uses the coefficient values and also the solution values for variables X and Y, which are supposed to be solved.

2. Similarly enter the formula for LHS of the Constraints 1 & 2 i.e., $\text{SUMPRODUCT}(E9:F9,\$E6:\$F6)$ & $\text{SUMPRODUCT}(E10:F10,\$E6:\$F6)$ respectively
Now Excel Solver will be used, in the Data tab click Solver.
The solver box appears as follows.

(continued)

1. Set the Target Cell for the Objective Function Z value i.e., $E$7
2. Check the Equal to Min i.e., Minimum Option.
3. For Changing Cell, select the solution values of the variables X & 7 i.e., $E$6:$F$6
4. For subject to the constraints, LHS >= RHS i.e., click on the Add option and select $E$13:$E$14 >= $E$13:$E$14
5. Also all the solution values needs to be positive, select $E$6:$F$6 >= 0
6. Now click the Solve button.

(continued)

After selecting the solve button the solver results appears a window, the default option has a keep solver solution and click on the Answer in the Reports Section on the Right hand side. Finally click the the OK Button to get the results.

(continued)

Finally the Excel Solver gives the solution values for variables X & Y and for the objective function Z.