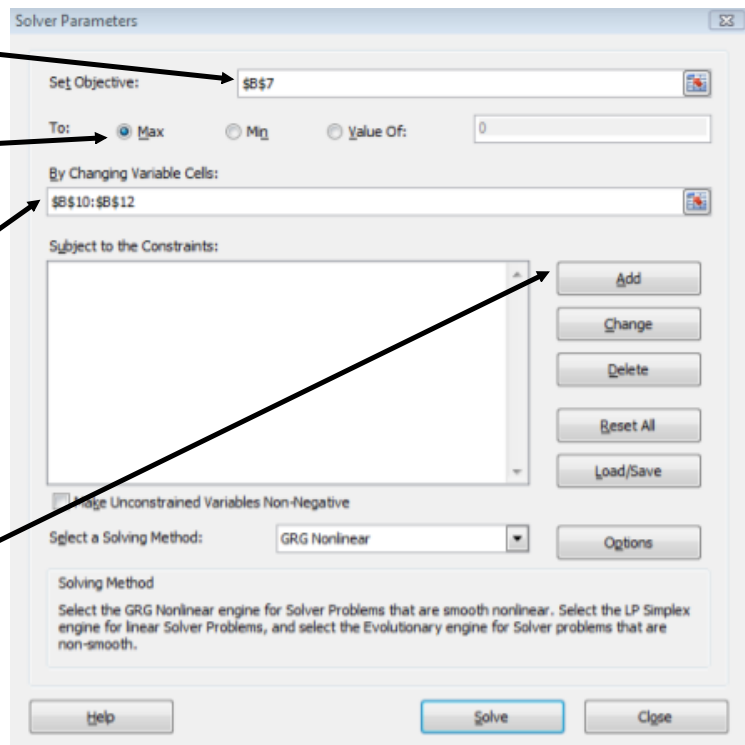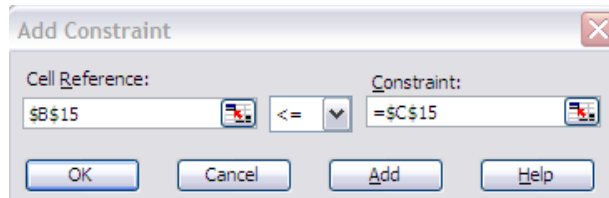**Step 1:** Set the target cell to the cell that gives the value of the objective function and set style of the objective function.

**Step 2:** Set the "By Changing Cells". This is the cells that where the solution is located.
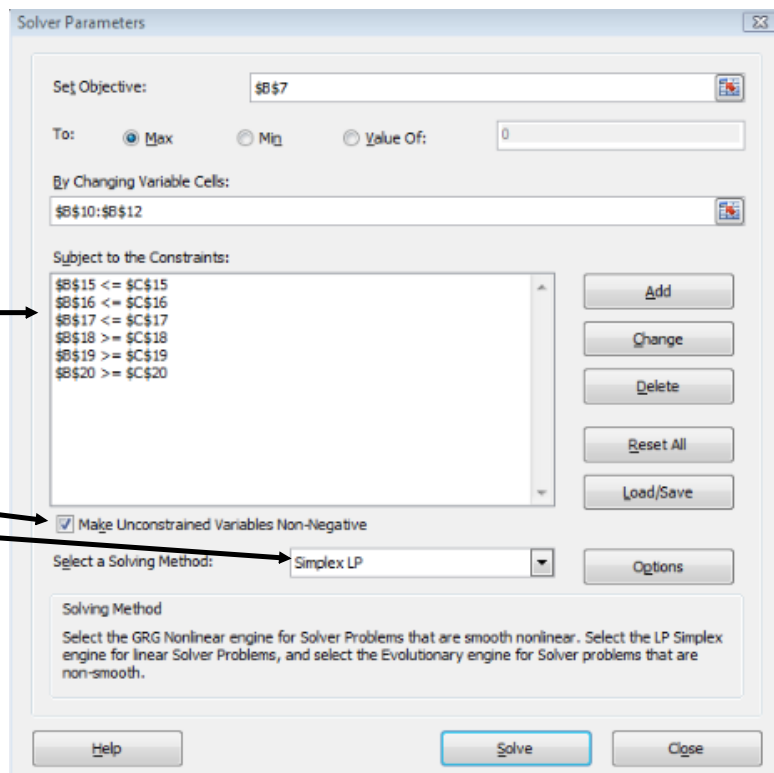
**Step 3:** Now set up the constraints. Click on the Add button.

**Solver Parameters**

Se_t Objective:   $B$7

To:   ● Max    ○ Mi_n    ○ _Value Of:    0

_By Changing Variable Cells:

$B$10:$B$12

Su_bject to the Constraints:

- Add
- Change
- Delete
- Reset All
- Load/Save

☐ Make Unconstrained Variables Non-Negative

Se_lect a Solving Method:    GRG Nonlinear    ▼    Op_tions

Solving Method

Select the GRG Nonlinear engine for Solver Problems that are smooth nonlinear. Select the LP Simplex engine for linear Solver Problems, and select the Evolutionary engine for Solver problems that are non-smooth.

Help    So_lve    Cl_ose

Edit the add constraint window to show the first constraint and press OK.

**Add Constraint**

Cell Reference: $B$15   <=   Constraint: =$C$15

OK    Cancel    Add    Help

Now enter the rest of the constraints.

**Solver Parameters**

Set Objective:     $B$7

To:   ● Max     ○ Min     ○ Value Of:     0

By Changing Variable Cells:
$B$10:$B$12

Subject to the Constraints:
$B$15 <= $C$15
$B$16 <= $C$16
$B$17 <= $C$17
$B$18 >= $C$18
$B$19 >= $C$19
$B$20 >= $C$20

Add

Change

Delete

Reset All

Load/Save

Make sure your window has these settings.

☑ Make Unconstrained Variables Non-Negative

Select a Solving Method:     Simplex LP     ▼     Options

Solving Method

Select the GRG Nonlinear engine for Solver Problems that are smooth nonlinear. Select the LP Simplex engine for linear Solver Problems, and select the Evolutionary engine for Solver problems that are non-smooth.

Help     Solve     Close

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**Step 4:** Click on options to get the solver option window shown below. Check to make sure that your options match the ones displayed to the right.
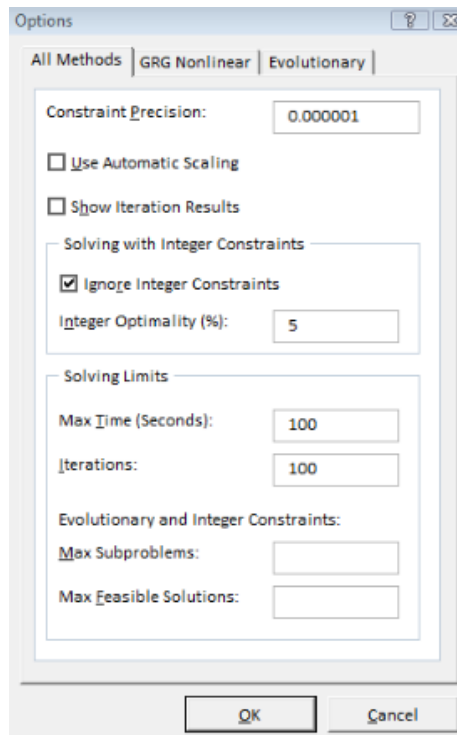


**Step 5:** After clicking solve in the Solver Parameters window, you can pick what results are shown by Excell. Click on **Answer** and **Sensitivity** to get those resutls.



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