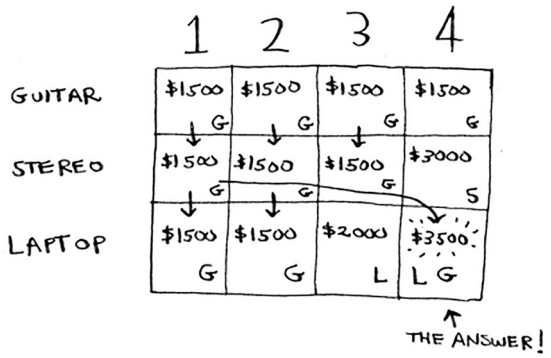
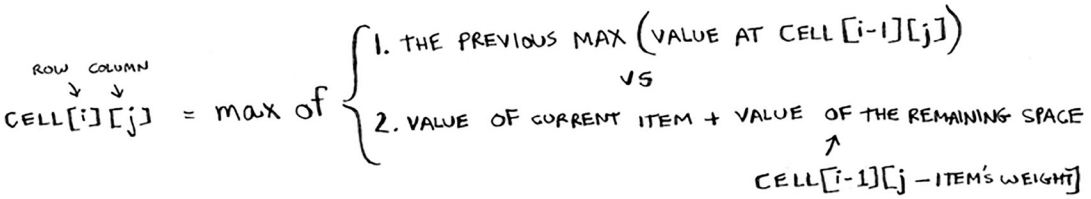
The final grid looks like this.




There's the answer: the maximum value that will fit in the knapsack is $3,500, made up of a guitar and a laptop!

Maybe you think that I used a different formula to calculate the value of that last cell. That's because I skipped some unnecessary complexity when filling in the values of the earlier cells. Each cell's value gets calculated with the same formula. Here it is.




You can use this formula with every cell in this grid, and you should end up with the same grid I did. Remember how I talked about solving subproblems? You combined the solutions to two subproblems to solve the bigger problem.