$ClassName: \ Class_09.2bp-8$

BinSize: 100×100 ReduceSize: 100×100

TypeNum: 20 Num: **20** OutS: 150000InS: 101613Rate: 0.677UB: <u>15</u>

LB0: **15** LB: **15**

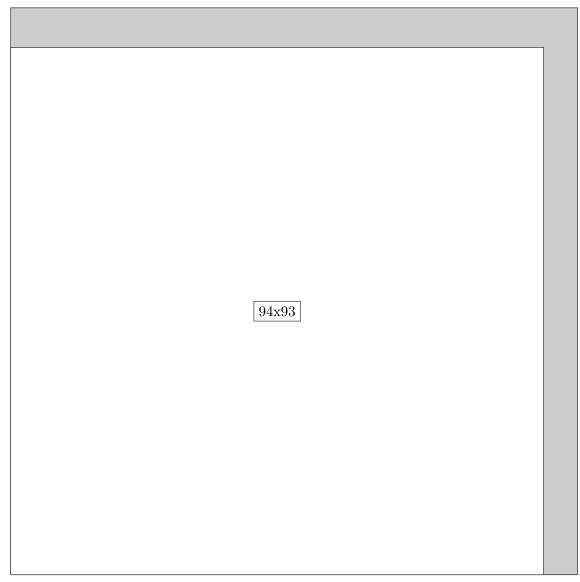
LBWithCut: **15** NodeCut: **0**

ExtendedNodeCnt: $\underline{\mathbf{1}}$

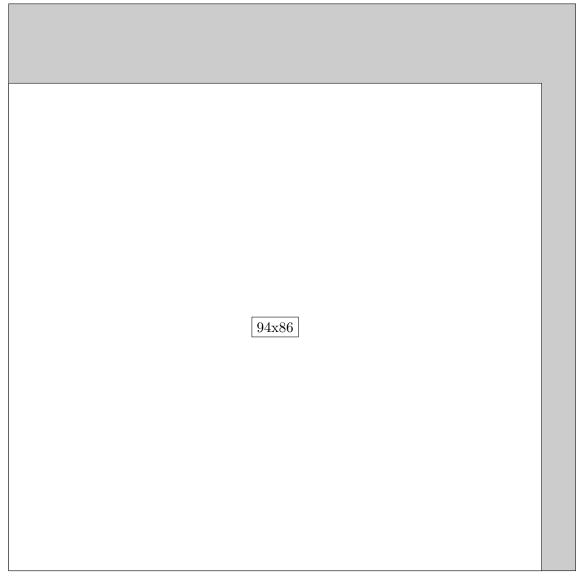
GenNodeCnt: $\mathbf{1}$ PrimalNode: $\mathbf{0}$ ColumnCount: 15 $TotalCutCount: \ \mathbf{0}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\mathbf{0}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

isOpt: $\underline{\mathbf{true}}$

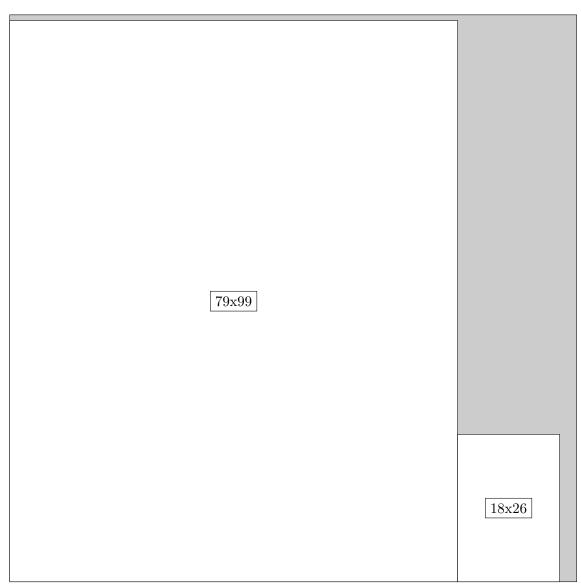
TimeOnInitSolution: $\underline{0.010 \text{ s}}$ TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 s TimeOnRmp: 0.063 sTotalTime: 0.129 s

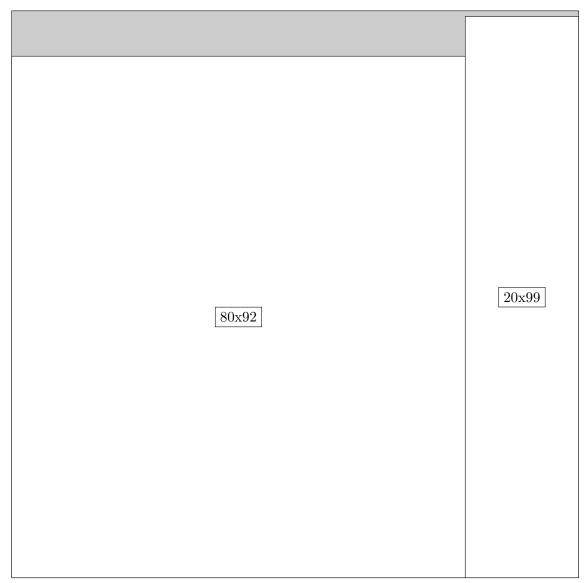


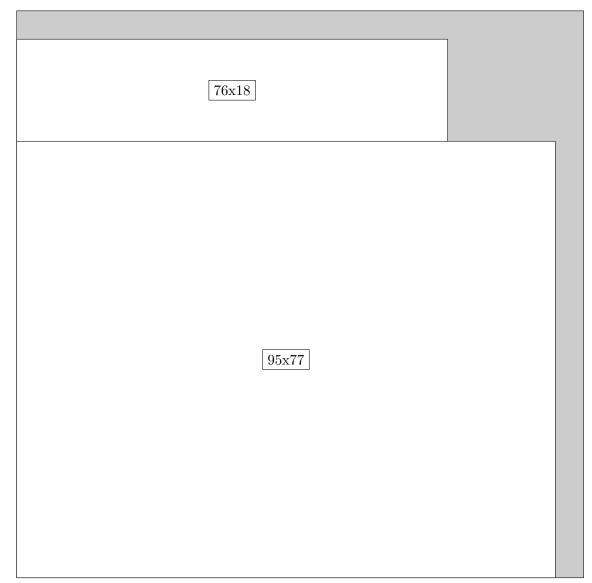
w = 94, h = 93, x = 0, y = 0, v = 8742

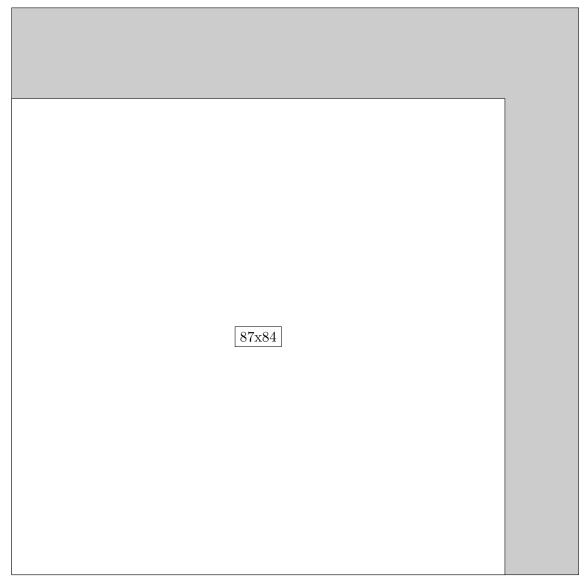


 $\le =94$, h =86 , x =0 , y =0 , v =8084

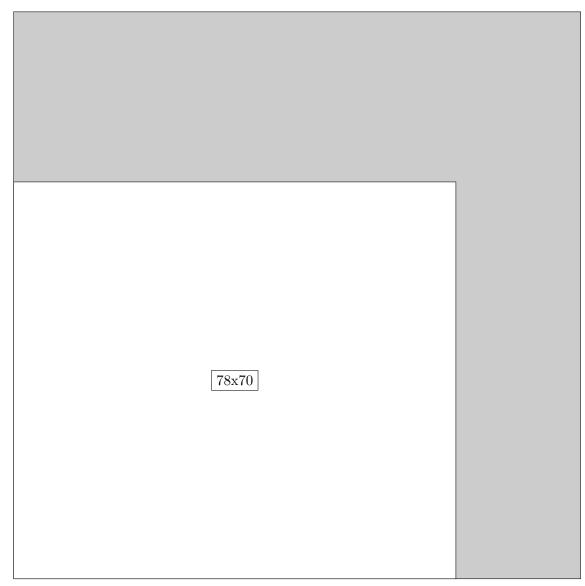




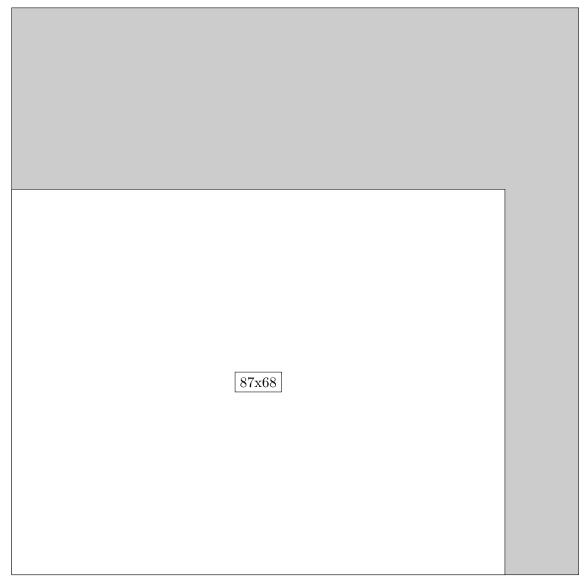




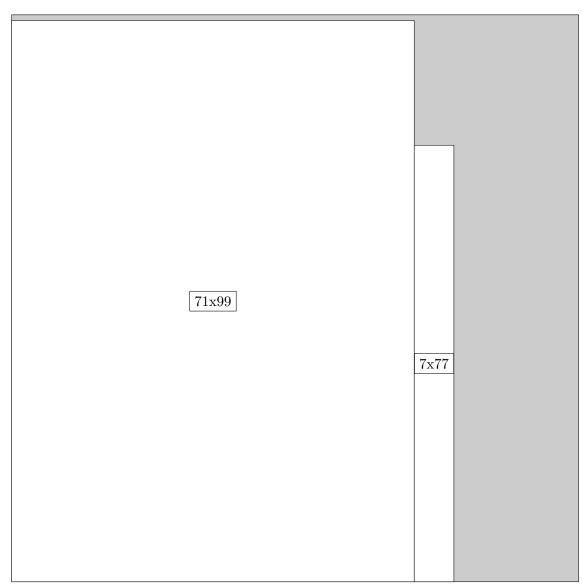
w = 87, h = 84, x = 0, y = 0, v = 7308



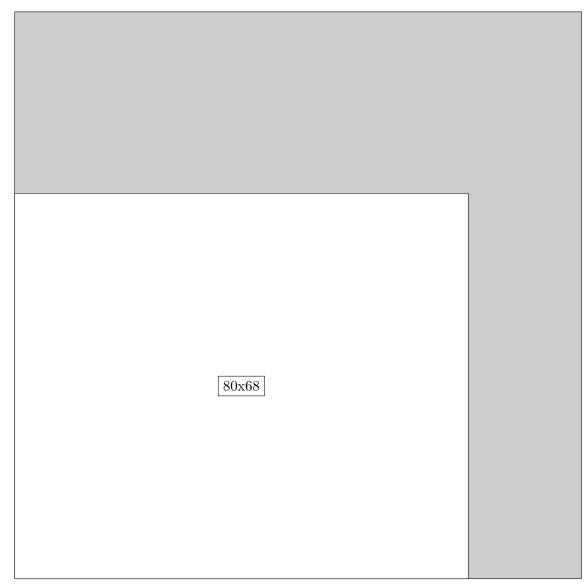
 \mathbf{w} =78 , h =70 , x =0 , y =0 , v =5460



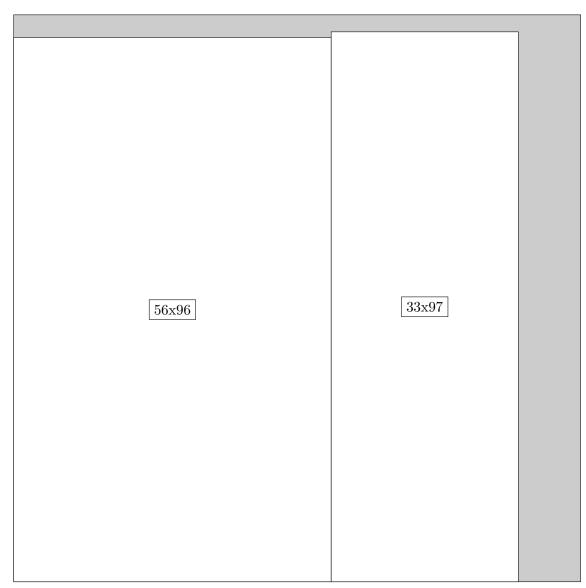
w = 87, h = 68, x = 0, y = 0, v = 5916



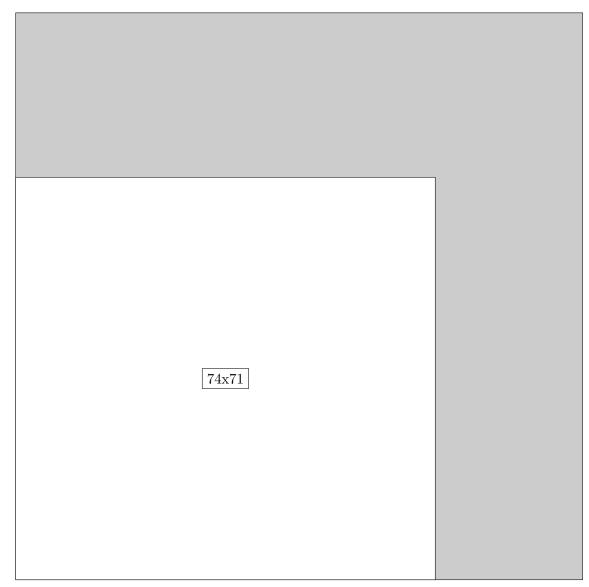
$$\begin{array}{l} w = \!\!\! 71 \ , \, h = \!\!\! 99 \ , \, x = \!\!\! 0 \ , \, y = \!\!\! 0 \ , \, v = \!\!\! 7029 \\ w = \!\!\! 7 \ , \, h = \!\!\! 77 \ , \, x = \!\!\! 71 \ , \, y = \!\!\! 0 \ , \, v = \!\!\! 539 \end{array}$$



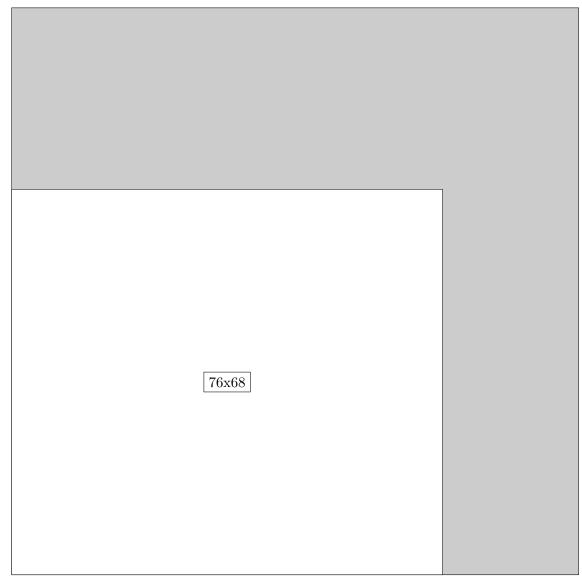
 $\overline{\mathbf{w}} = 80$, $\mathbf{h} = 68$, $\mathbf{x} = 0$, $\mathbf{y} = 0$, $\mathbf{v} = 5440$



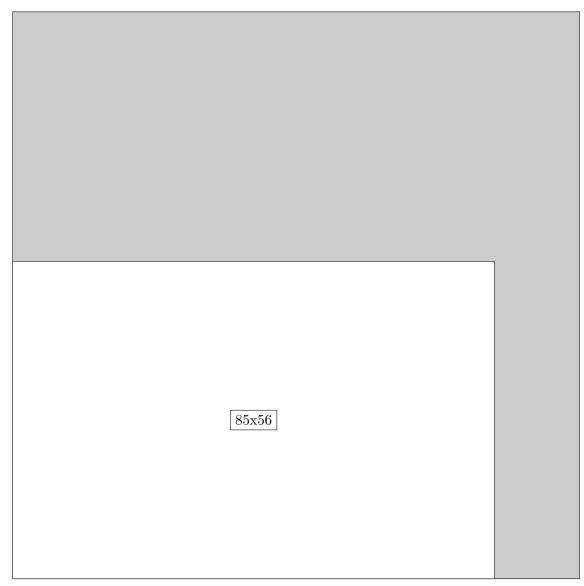
$$\begin{array}{c} w = \!\! 56 \; , \; h = \!\! 96 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 5376 \\ w = \!\! 33 \; , \; h = \!\! 97 \; , \; x = \!\! 56 \; , \; y = \!\! 0 \; , \; v = \!\! 3201 \\ \end{array}$$



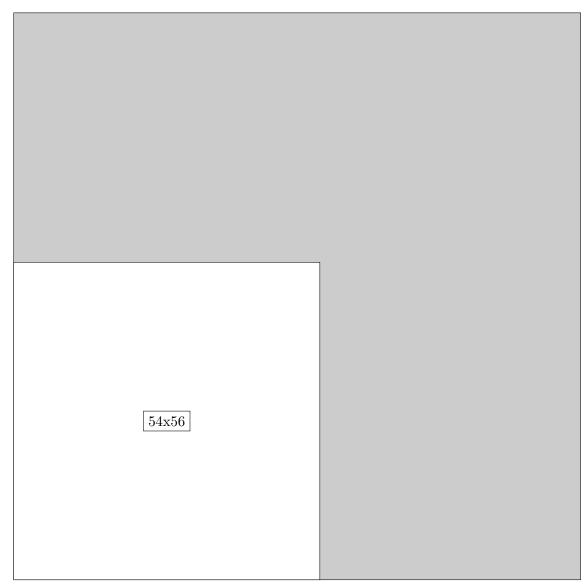
 \mathbf{w} =74 , h =71 , x =0 , y =0 , v =5254



 $\overline{\mathbf{w}} = 76$, $\mathbf{h} = 68$, $\mathbf{x} = 0$, $\mathbf{y} = 0$, $\mathbf{v} = 5168$



w = 85, h = 56, x = 0, y = 0, v = 4760



 $\overline{w} = 54$, h = 56, x = 0, y = 0, v = 3024