$ClassName: \ Class_09.2bp-23$

BinSize: $\underline{100 \times 100}$ ReduceSize: $\underline{100 \times 100}$

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>440000</u> InS: <u>262165</u> Rate: <u>0.596</u> UB: <u>44</u> LB0: <u>44</u>

LB0: <u>44</u> LB: <u>44</u>

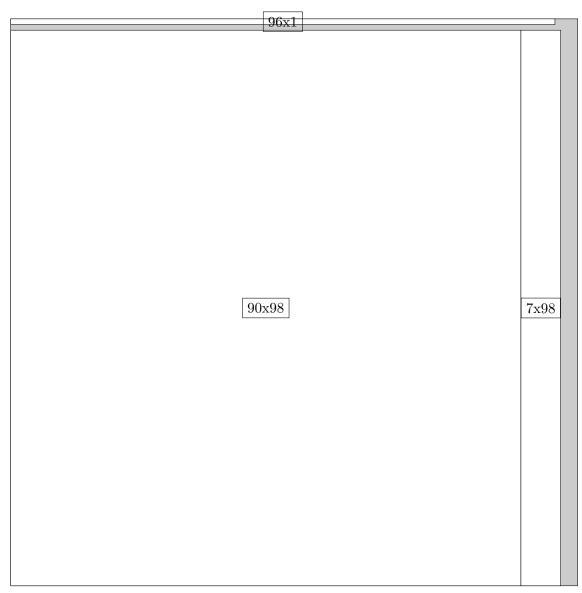
LBWithCut: $\underline{\mathbf{44}}$ NodeCut: $\underline{\mathbf{0}}$

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

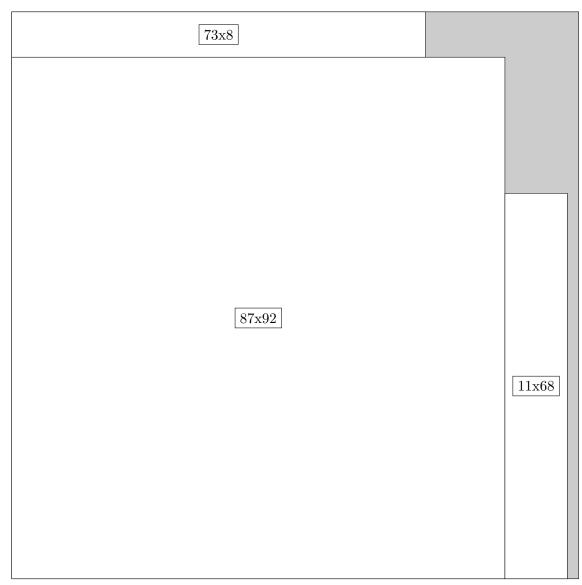
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{44}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

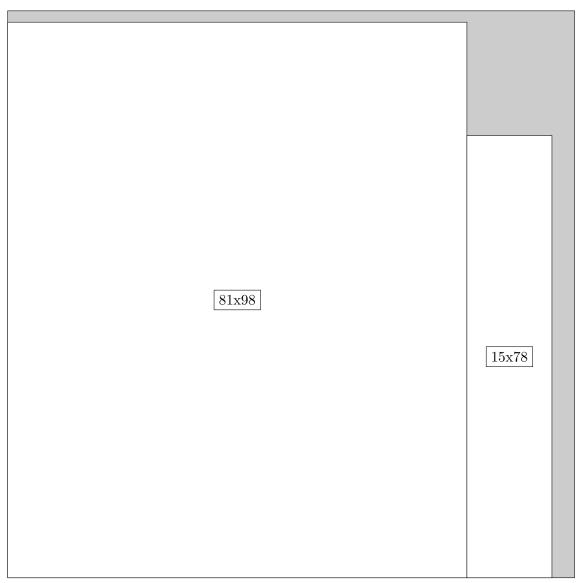
TimeOnInitSolution: 0.100 sTimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 0.225 s

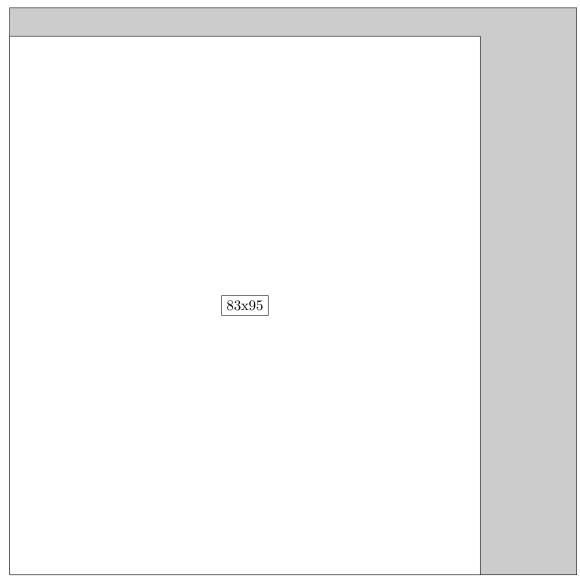


 $\begin{array}{l} w = 90 \; , \, h = 98 \; , \, x = 0 \; , \, y = 0 \; , \, v = 8820 \\ w = 7 \; , \, h = 98 \; , \, x = 90 \; , \, y = 0 \; , \, v = 686 \\ w = 96 \; , \, h = 1 \; , \, x = 0 \; , \, y = 99 \; , \, v = 96 \end{array}$

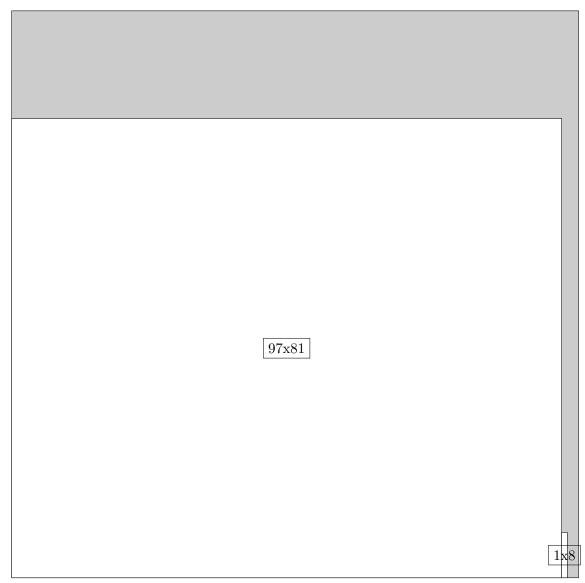


$$\begin{array}{l} w = \! 87 \; , \; h = \! 92 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 8004 \\ w = \! 11 \; , \; h = \! 68 \; , \; x = \! 87 \; , \; y = \! 0 \; , \; v = \! 748 \\ w = \! 73 \; , \; h = \! 8 \; , \; x = \! 0 \; , \; y = \! 92 \; , \; v = \! 584 \end{array}$$

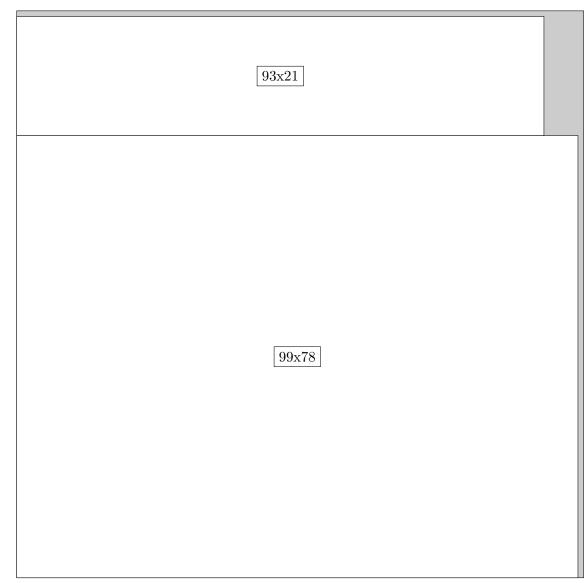




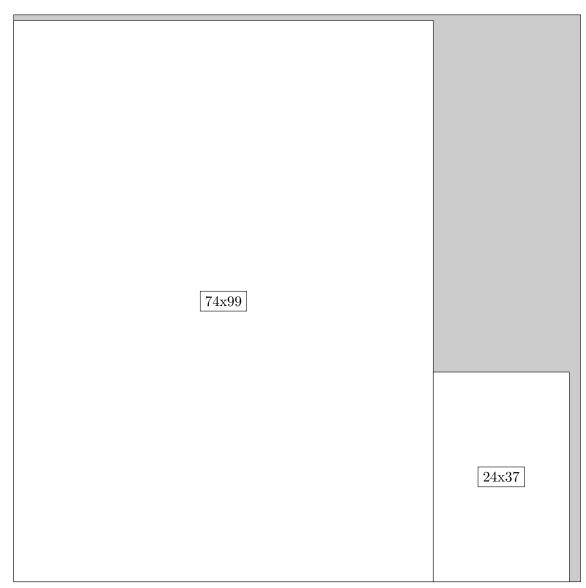
 $\le =83$, h =95 , x =0 , y =0 , v =7885

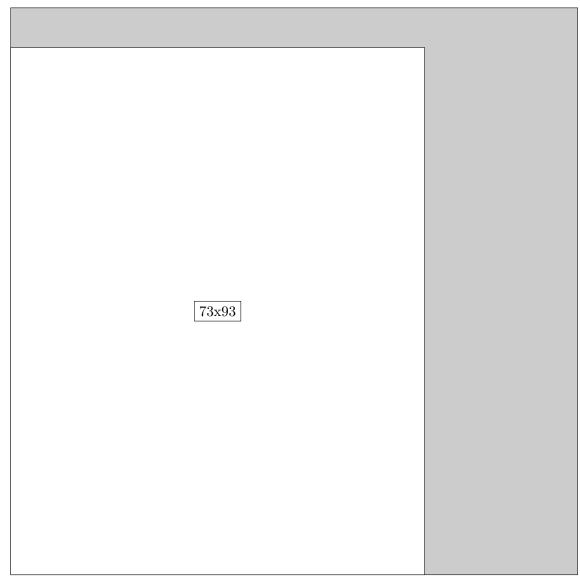


 $\begin{array}{l} w = \! 97 \ , \ h = \! 81 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7857 \\ w = \! 1 \ , \ h = \! 8 \ , \ x = \! 97 \ , \ y = \! 0 \ , \ v = \! 8 \end{array}$

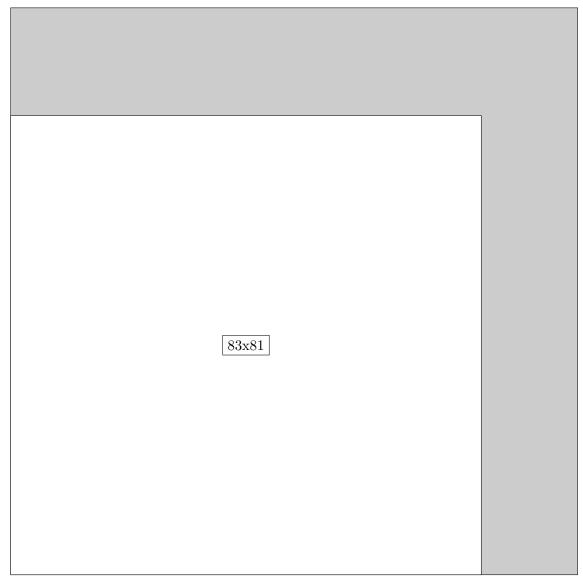


$$\begin{array}{c} w = 99 \ , \ h = 78 \ , \ x = 0 \ , \ y = 0 \ , \ v = 7722 \\ w = 93 \ , \ h = 21 \ , \ x = 0 \ , \ y = 78 \ , \ v = 1953 \\ \end{array}$$

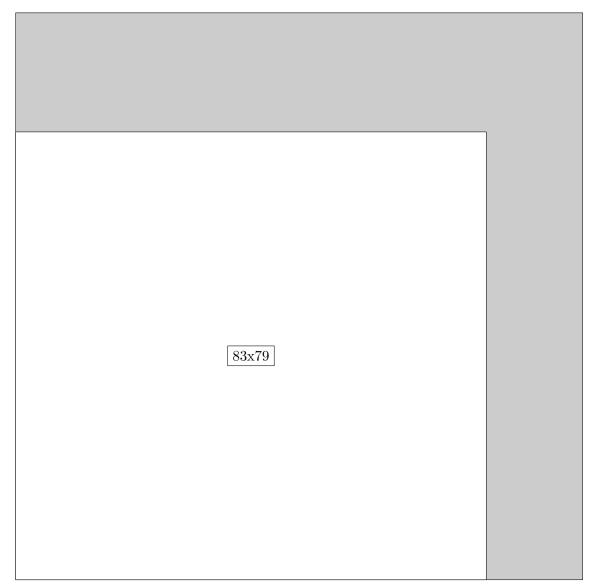




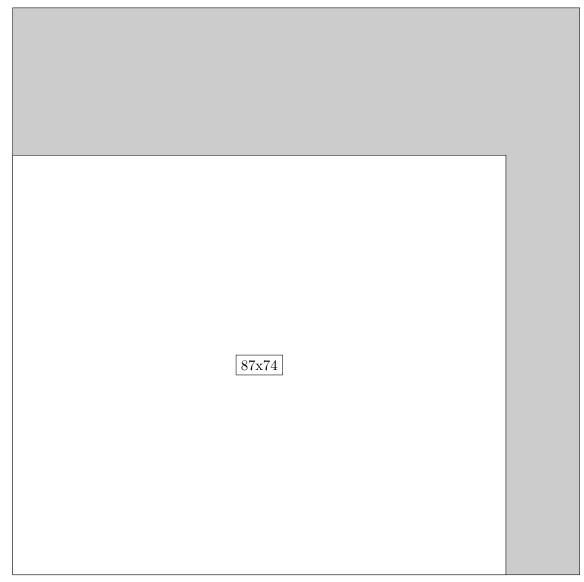
w = 73, h = 93, x = 0, y = 0, v = 6789



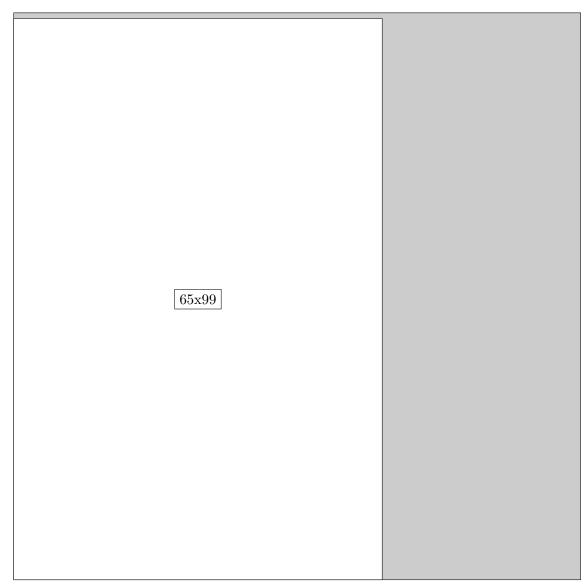
 $\le =83$, h =81 , x =0 , y =0 , v =6723



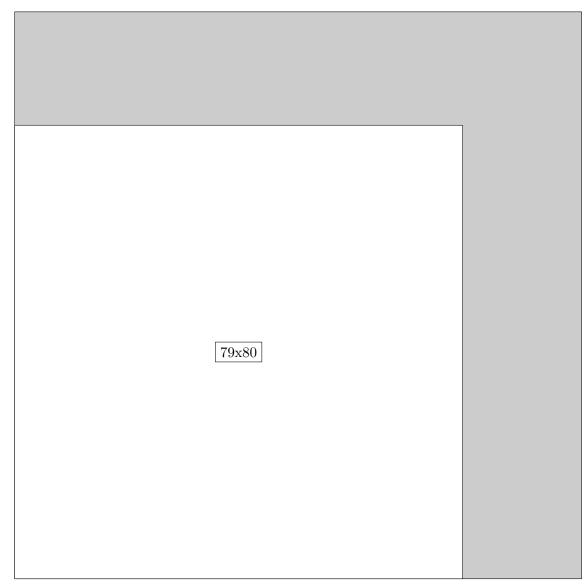
w = 83, h = 79, x = 0, y = 0, v = 6557



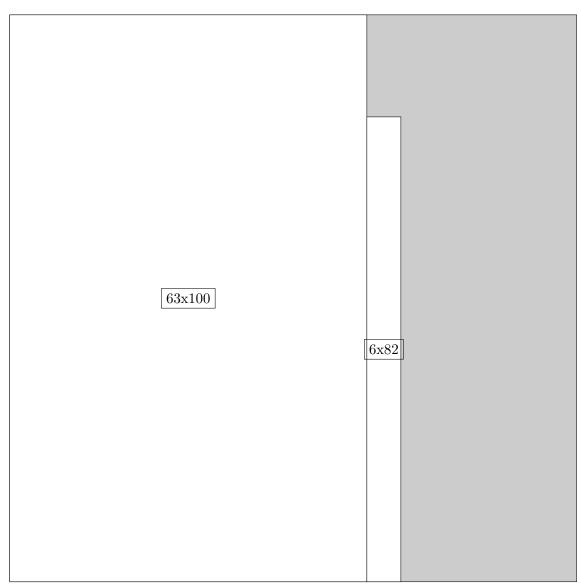
w = 87, h = 74, x = 0, y = 0, v = 6438



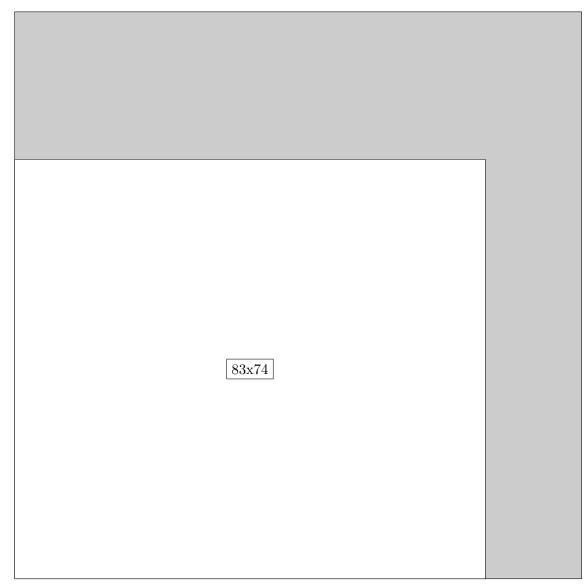
w = 65, h = 99, x = 0, y = 0, v = 6435



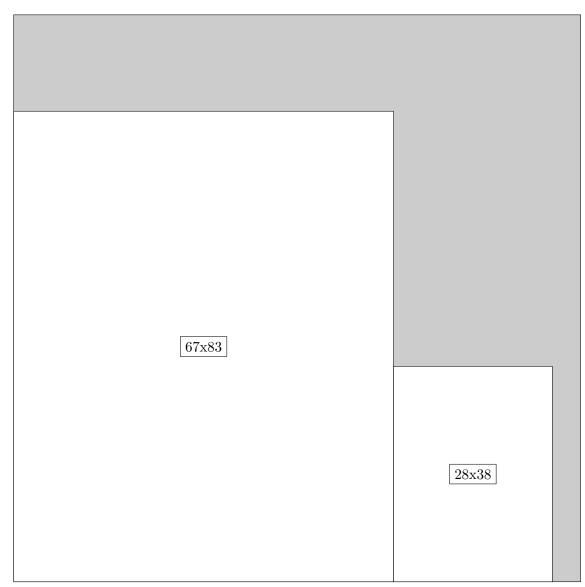
w = 79, h = 80, x = 0, y = 0, v = 6320

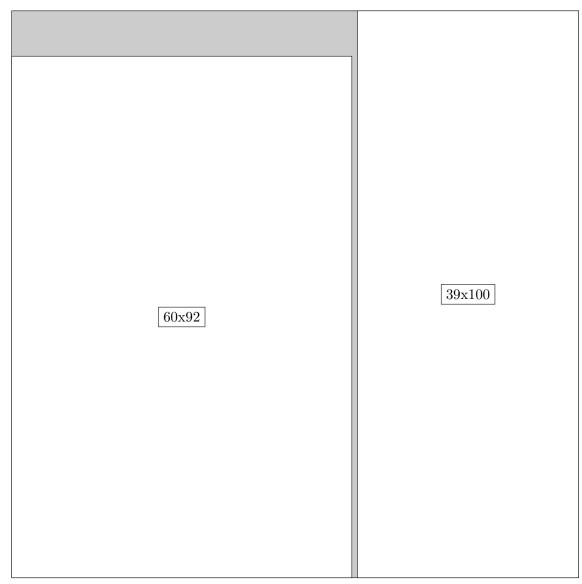


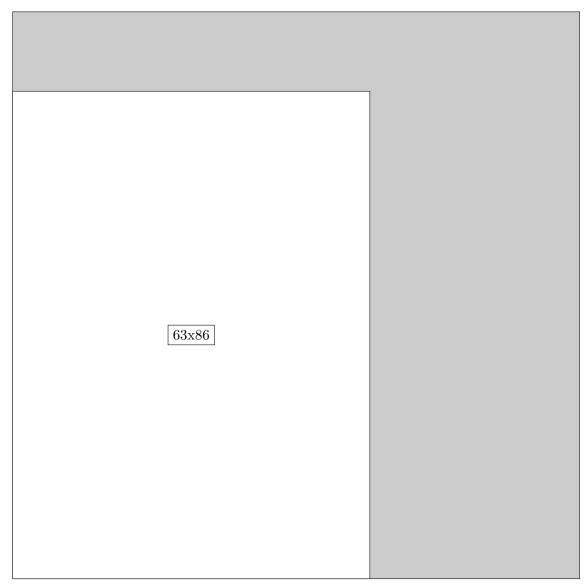
 $\begin{array}{c} w = \!63 \; , \; h = \!100 \; , \; x = \!0 \; , \; y = \!0 \; , \; v = \!6300 \\ w = \!6 \; , \; h = \!82 \; , \; x = \!63 \; , \; y = \!0 \; , \; v = \!492 \\ \end{array}$



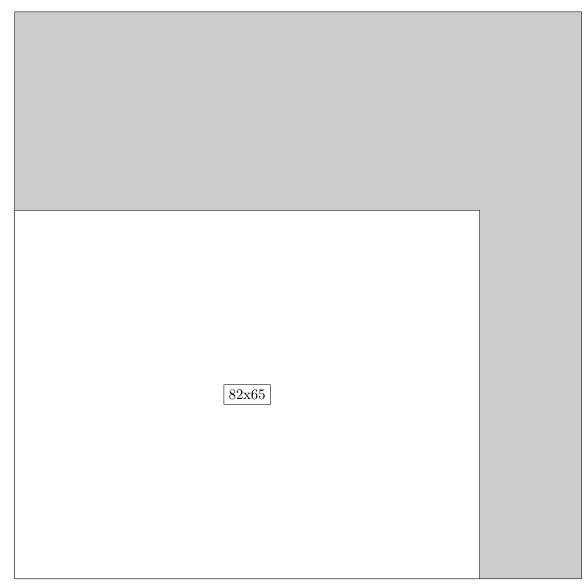
w = 83, h = 74, x = 0, y = 0, v = 6142



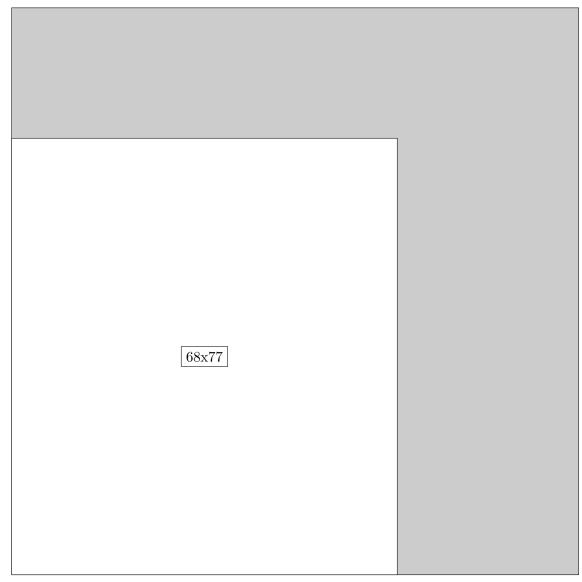




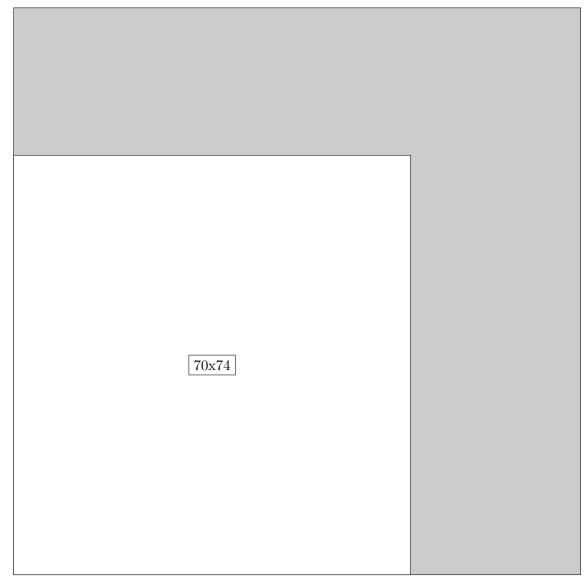
w = 63, h = 86, x = 0, y = 0, v = 5418



 $\le =82$, h =65 , x =0 , y =0 , v =5330



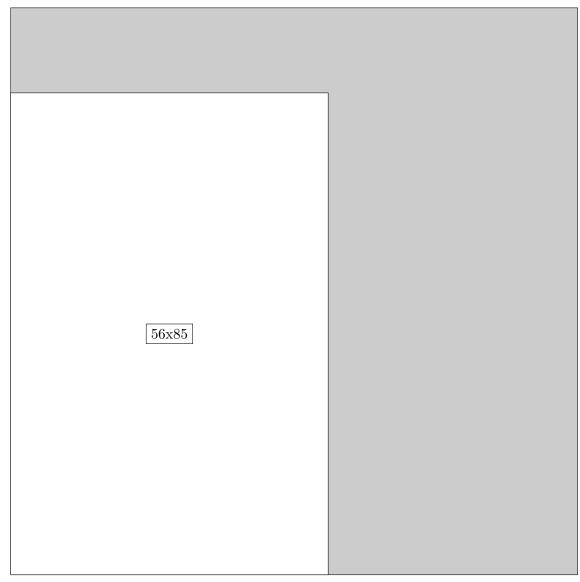
 $\le =68$, h =77 , x =0 , y =0 , v =5236



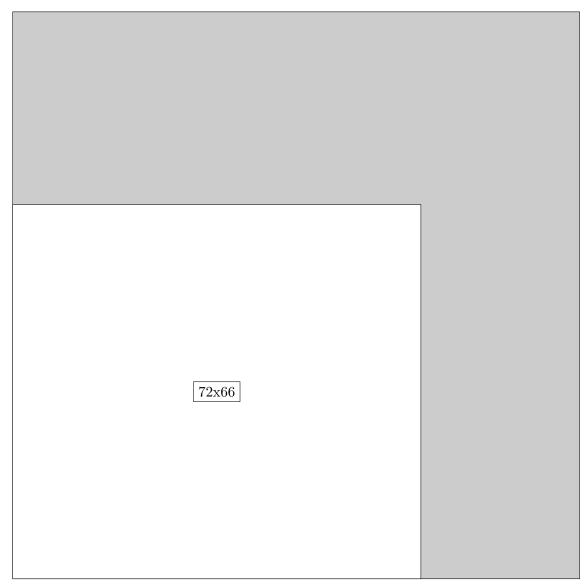
w = 70, h = 74, x = 0, y = 0, v = 5180



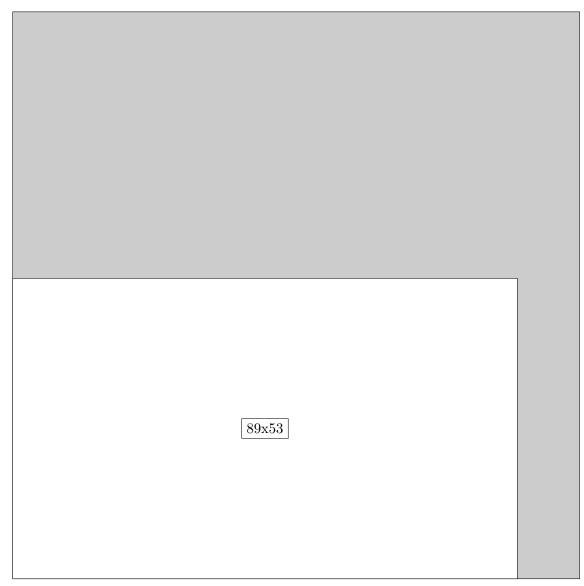
w = 74, h = 67, x = 0, y = 0, v = 4958



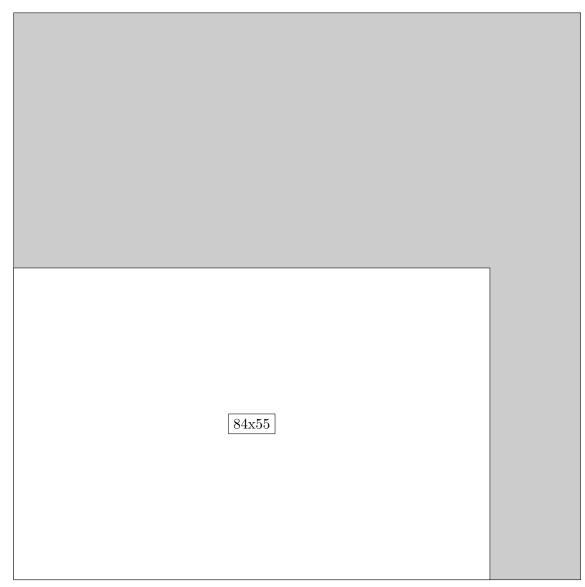
w = 56, h = 85, x = 0, y = 0, v = 4760



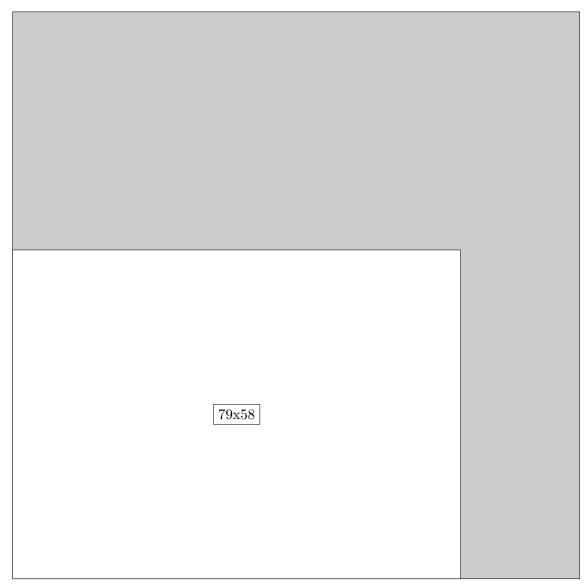
w = 72, h = 66, x = 0, y = 0, v = 4752



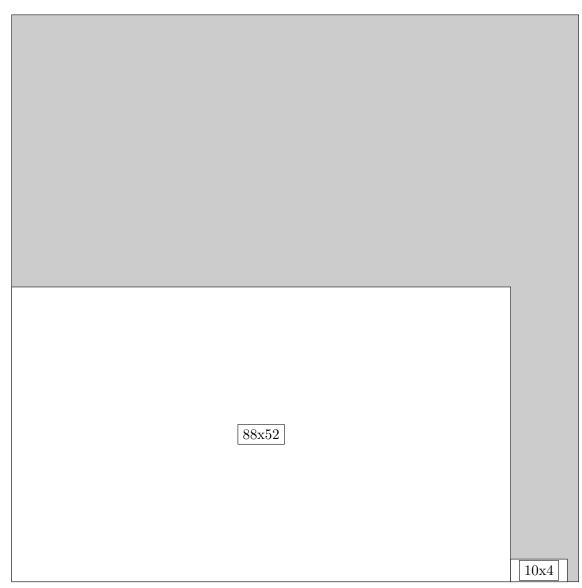
w = 89, h = 53, x = 0, y = 0, v = 4717

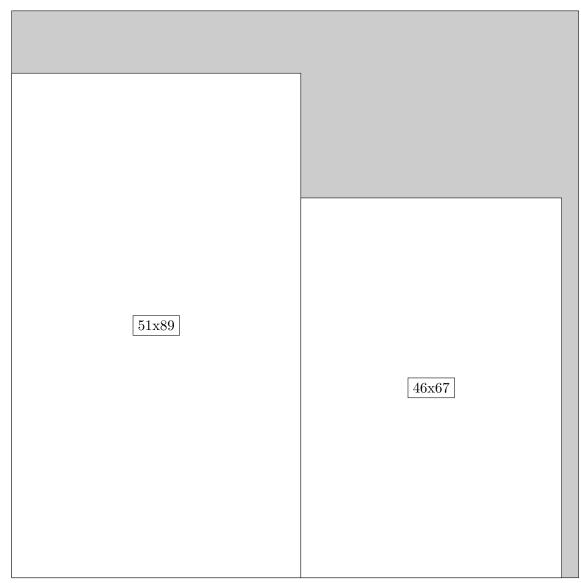


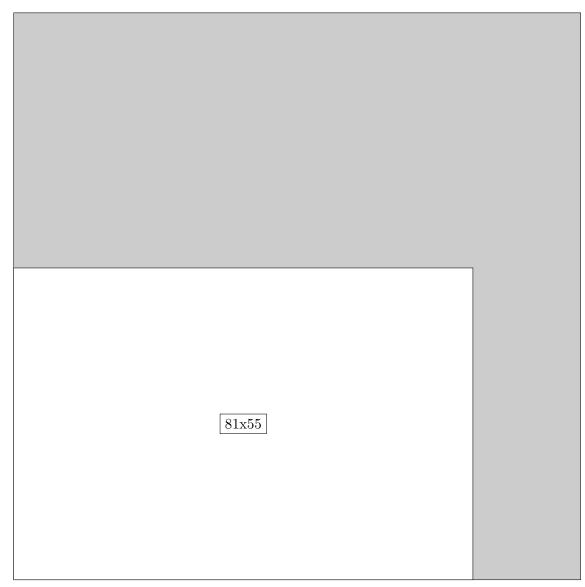
 $\le =84$, h =55 , x =0 , y =0 , v =4620



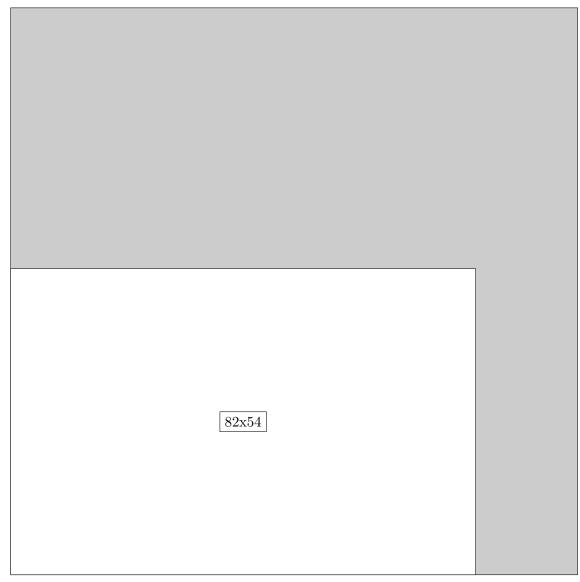
w = 79, h = 58, x = 0, y = 0, v = 4582



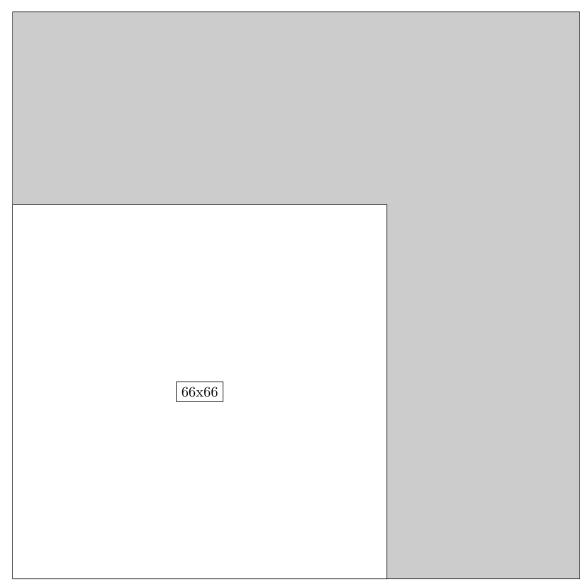




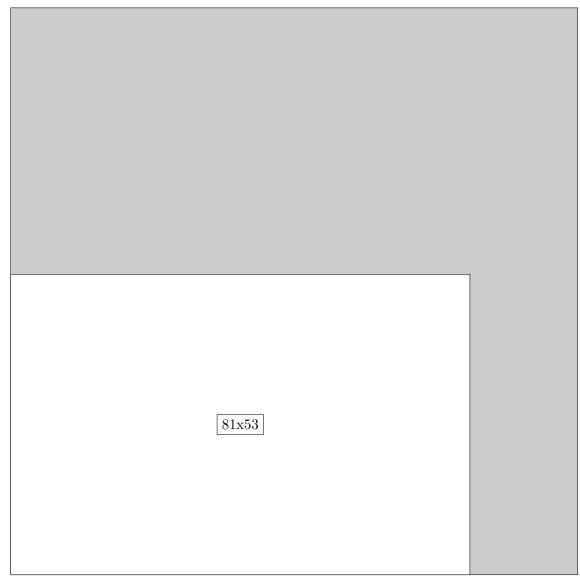
 $\le =81$, h =55 , x =0 , y =0 , v =4455



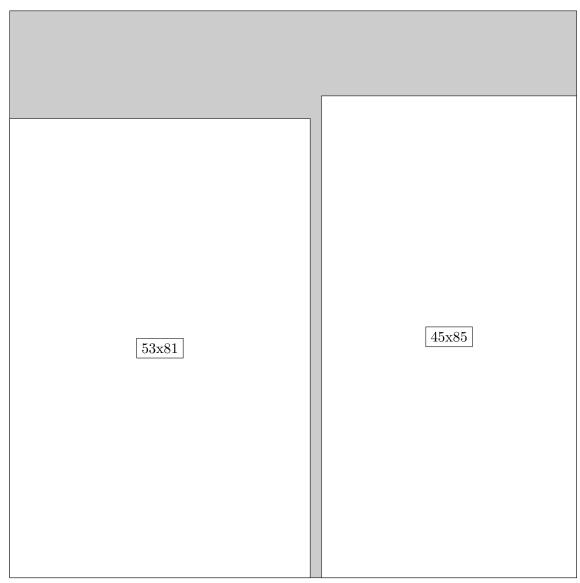
 $\le =82$, h =54 , x =0 , y =0 , v =4428



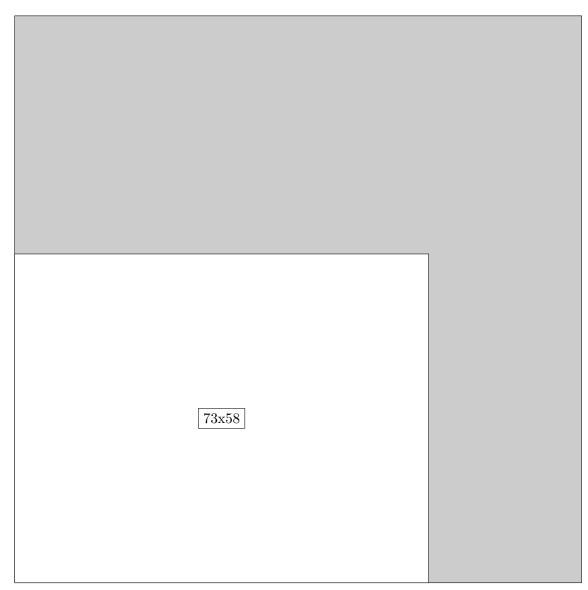
w = 66, h = 66, x = 0, y = 0, v = 4356



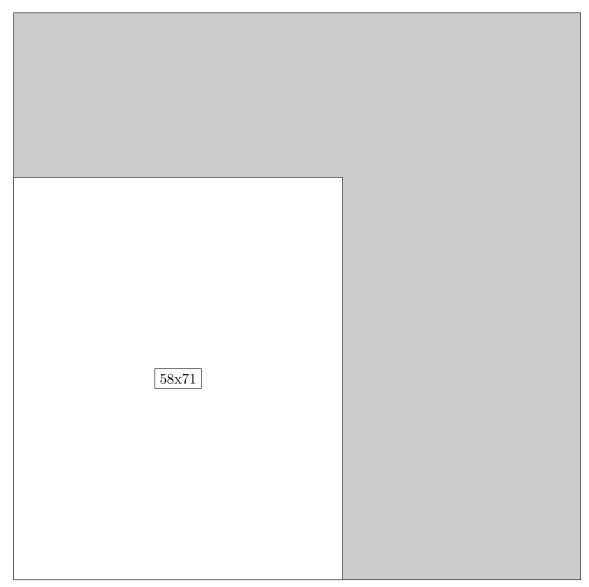
w = 81, h = 53, x = 0, y = 0, v = 4293



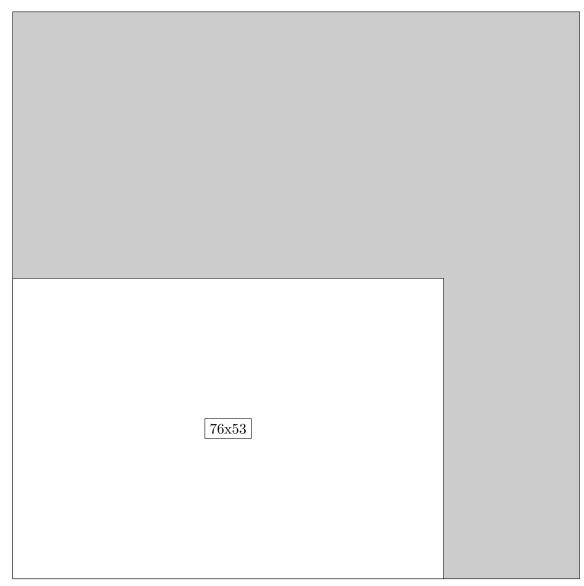
$$\begin{array}{c} w = \!\! 53 \; , \; h = \!\! 81 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 4293 \\ w = \!\! 45 \; , \; h = \!\! 85 \; , \; x = \!\! 55 \; , \; y = \!\! 0 \; , \; v = \!\! 3825 \\ \end{array}$$



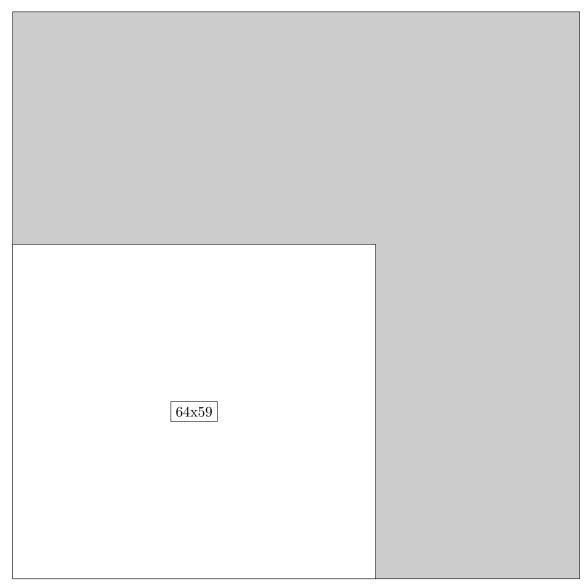
w = 73, h = 58, x = 0, y = 0, v = 4234



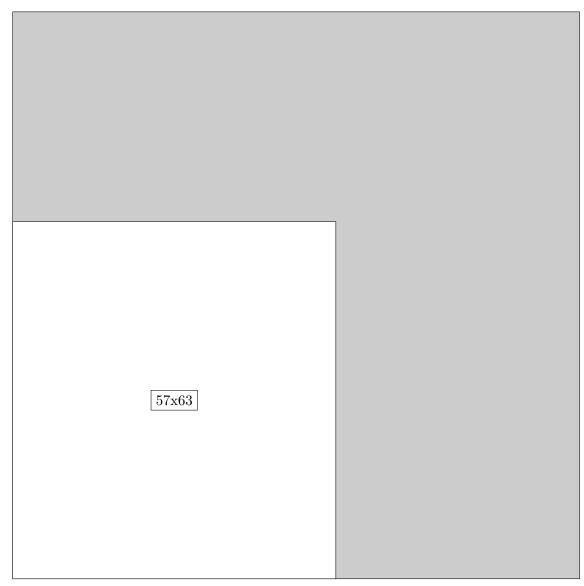
w = 58, h = 71, x = 0, y = 0, v = 4118



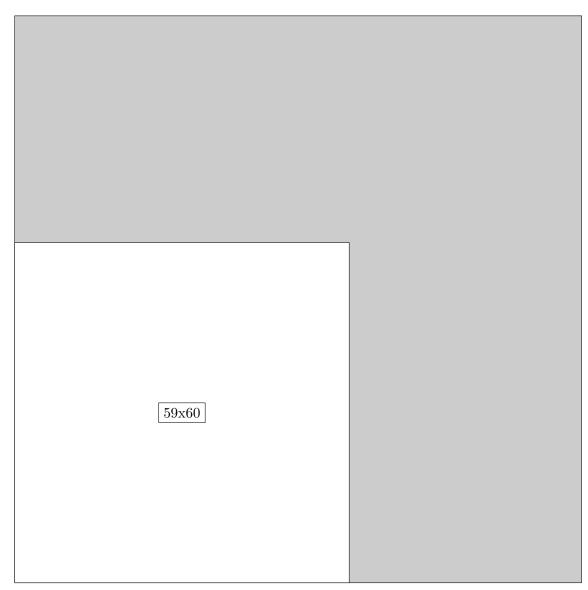
w = 76, h = 53, x = 0, y = 0, v = 4028



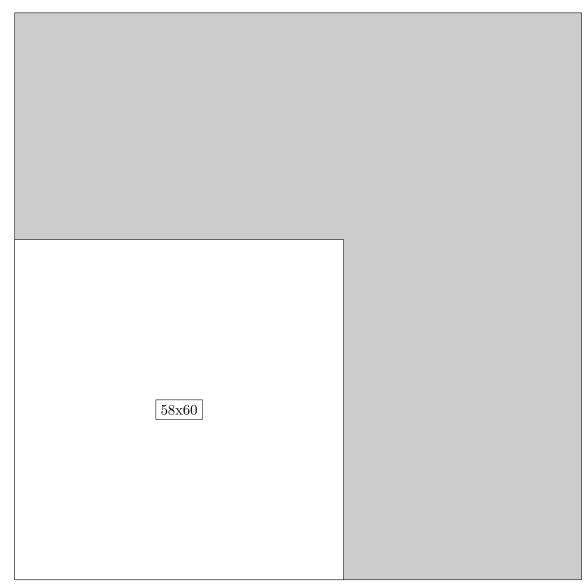
w = 64, h = 59, x = 0, y = 0, v = 3776



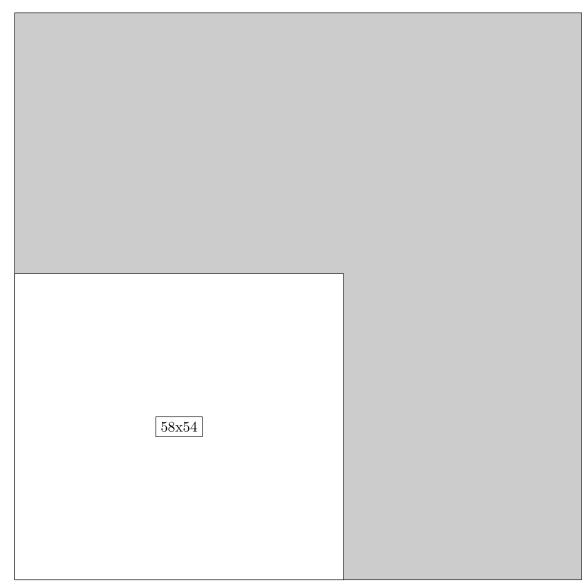
w = 57, h = 63, x = 0, y = 0, v = 3591



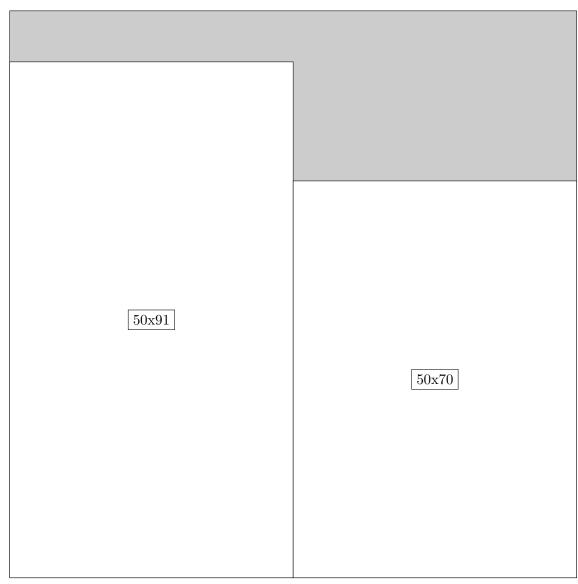
 $\overline{w} = 59$, h = 60, x = 0, y = 0, v = 3540



w = 58, h = 60, x = 0, y = 0, v = 3480



w = 58, h = 54, x = 0, y = 0, v = 3132





$$\begin{array}{c} w = \!\!\! 75 \ , \ h = \!\!\! 50 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 3750 \\ w = \!\!\! 62 \ , \ h = \!\!\! 50 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 50 \ , \ v = \!\!\! 3100 \end{array}$$