$ClassName: \ Class_09.2bp-15$

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

TypeNum: <u>40</u> Num: <u>40</u> OutS: <u>290000</u> InS: <u>183716</u> Rate: <u>0.634</u> UB: <u>29</u> LB0: <u>29</u>

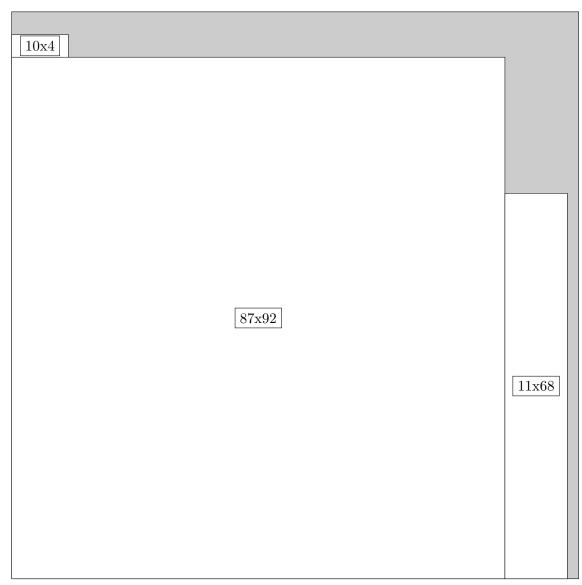
LB: $\underline{\mathbf{29}}$ LBWithCut: $\underline{\mathbf{29}}$ NodeCut: $\underline{\mathbf{0}}$

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

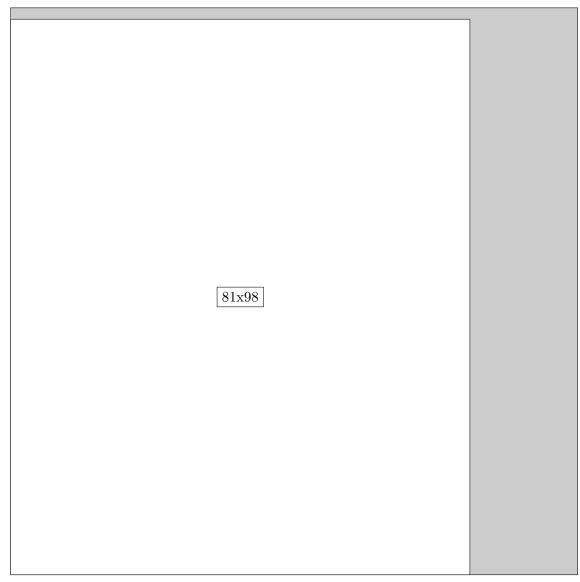
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{29}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

isOpt: **true**

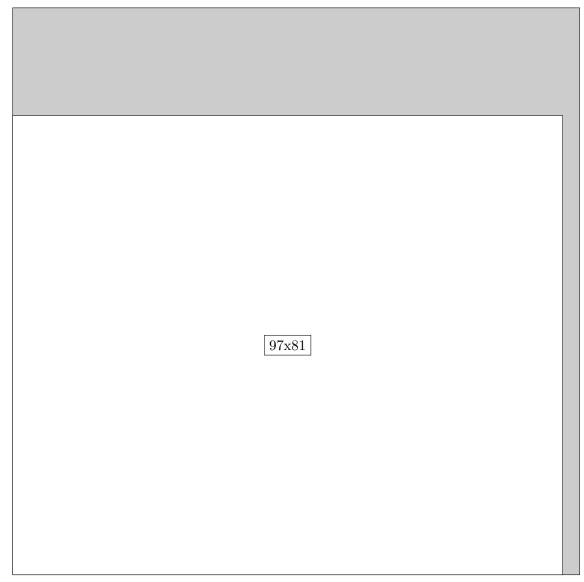
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.060 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.062 \ s} \\ {\rm TotalTime:} \ \underline{0.185 \ s} \\ \end{array}$



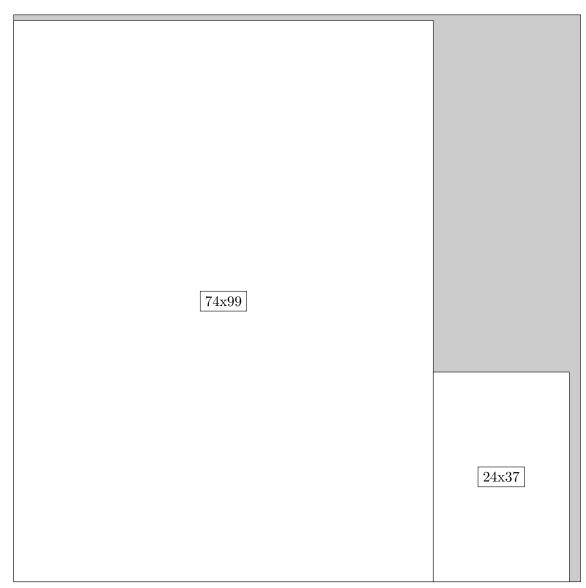
$$\begin{array}{l} w = \! 87 \; , \; h = \! 92 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 8004 \\ w = \! 11 \; , \; h = \! 68 \; , \; x = \! 87 \; , \; y = \! 0 \; , \; v = \! 748 \\ w = \! 10 \; , \; h = \! 4 \; , \; x = \! 0 \; , \; y = \! 92 \; , \; v = \! 40 \end{array}$$

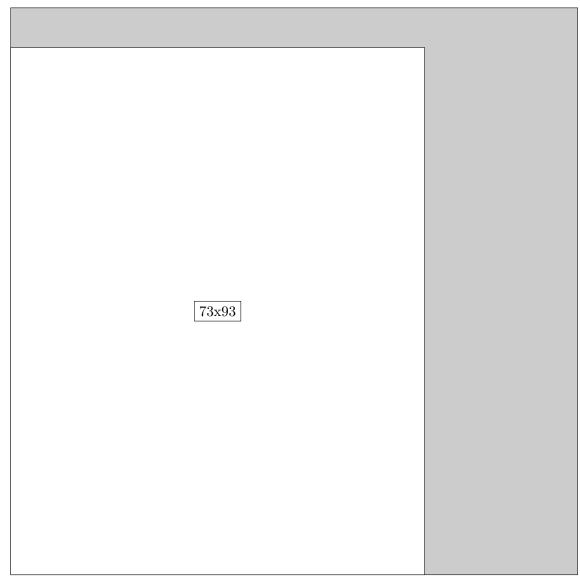


w = 81, h = 98, x = 0, y = 0, v = 7938

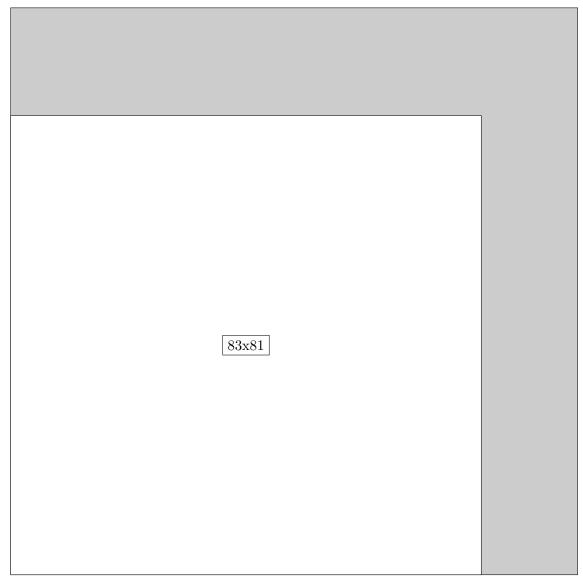


w = 97, h = 81, x = 0, y = 0, v = 7857

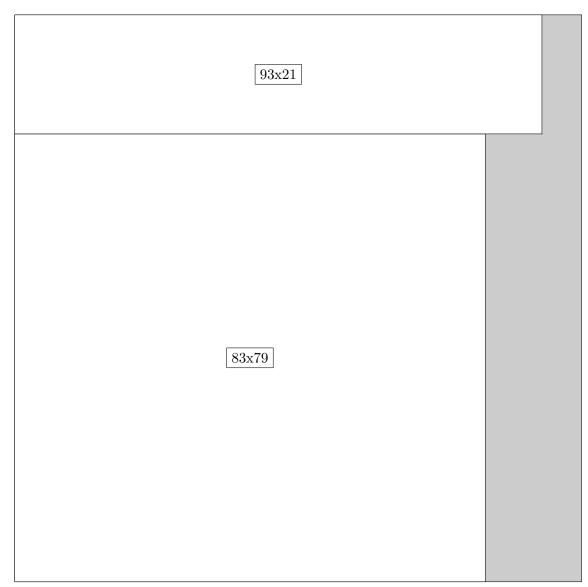


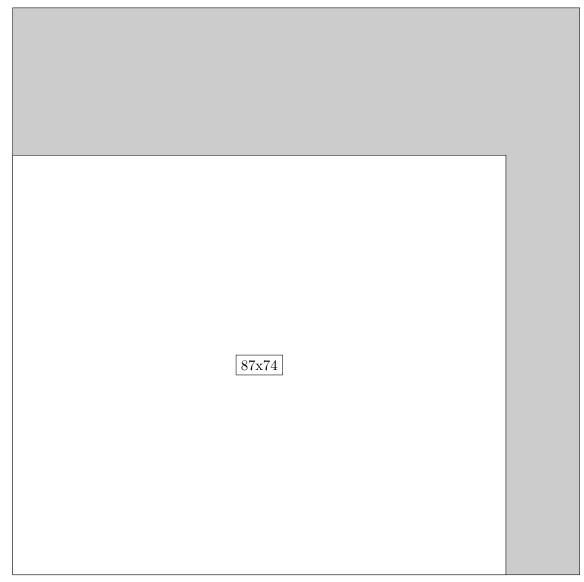


w = 73, h = 93, x = 0, y = 0, v = 6789

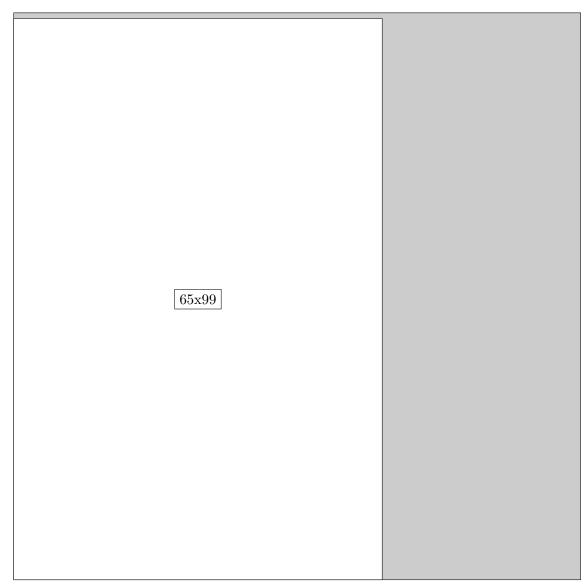


 $\le =83$, h =81 , x =0 , y =0 , v =6723

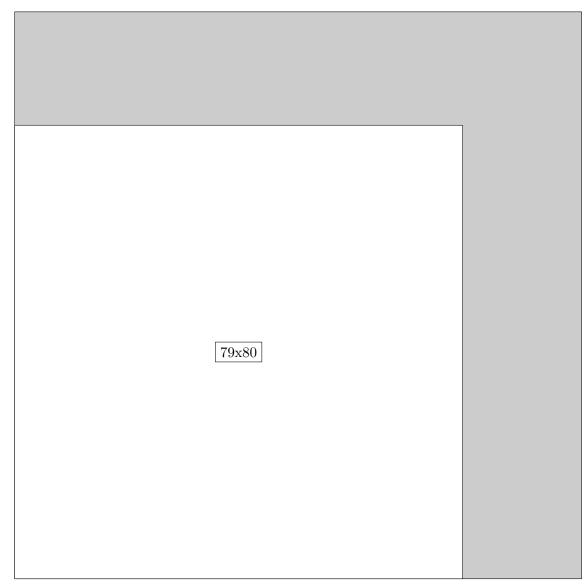




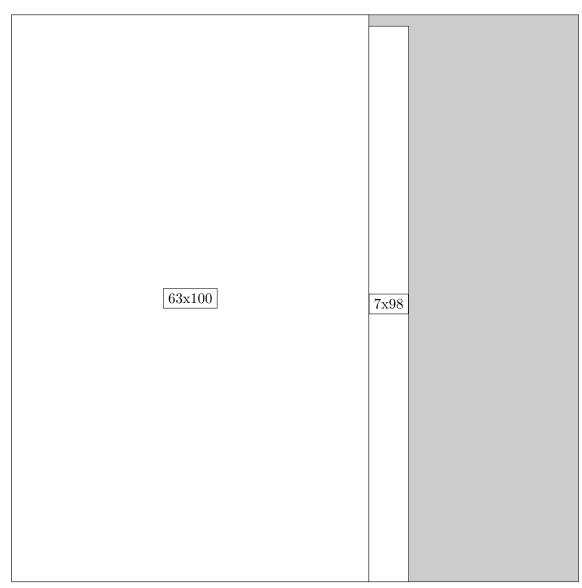
w = 87, h = 74, x = 0, y = 0, v = 6438



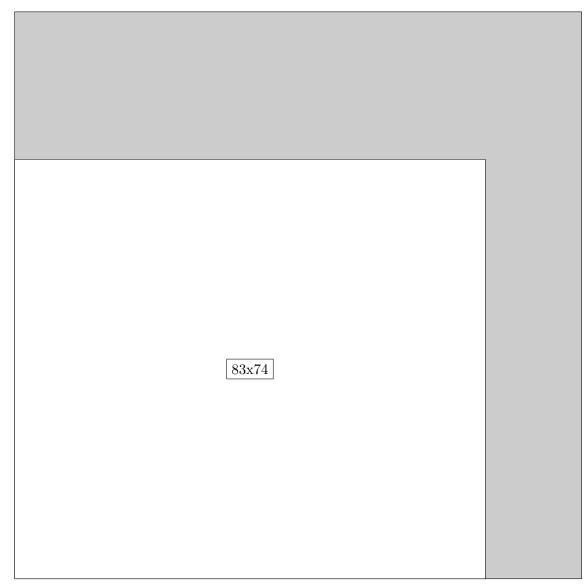
w = 65, h = 99, x = 0, y = 0, v = 6435



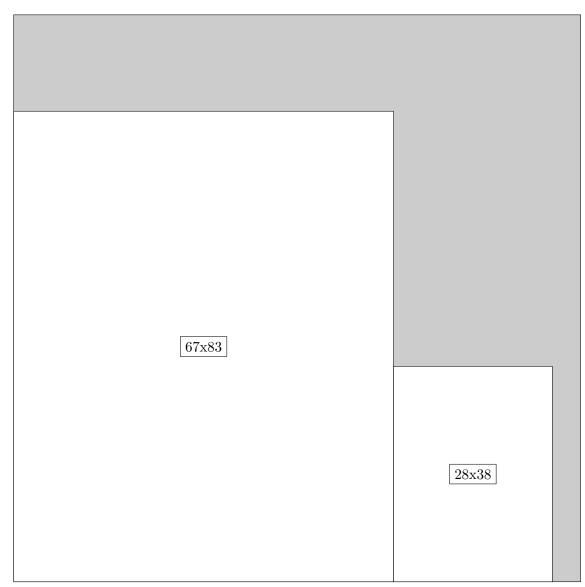
w = 79, h = 80, x = 0, y = 0, v = 6320

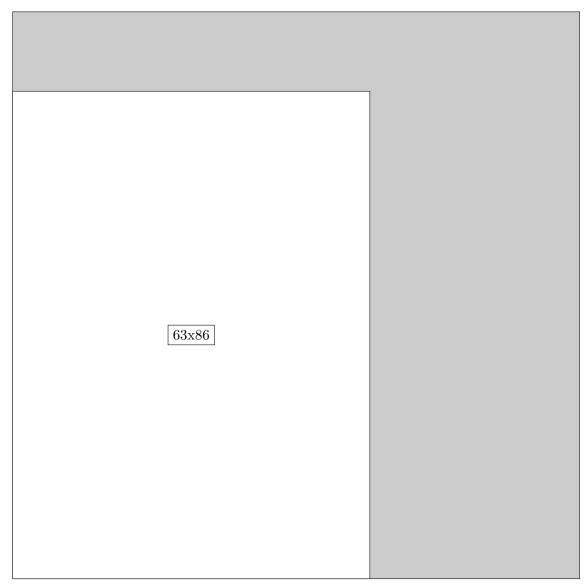


 $\begin{array}{l} w = \!\!63 \ , \ h = \!\!100 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!6300 \\ w = \!\!7 \ , \ h = \!\!98 \ , \ x = \!\!63 \ , \ y = \!\!0 \ , \ v = \!\!686 \end{array}$

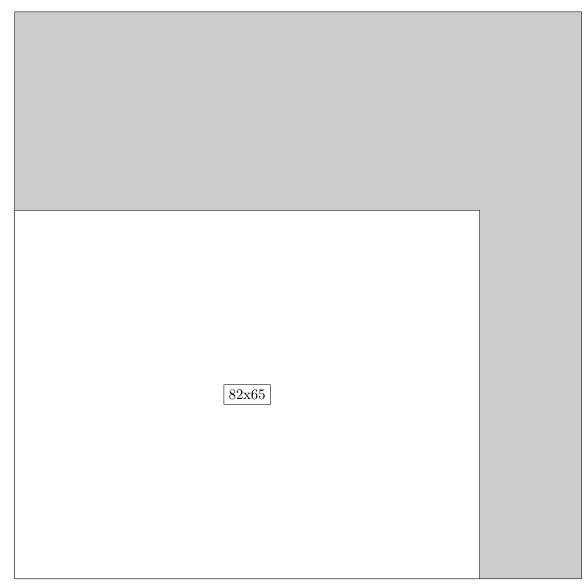


w = 83, h = 74, x = 0, y = 0, v = 6142





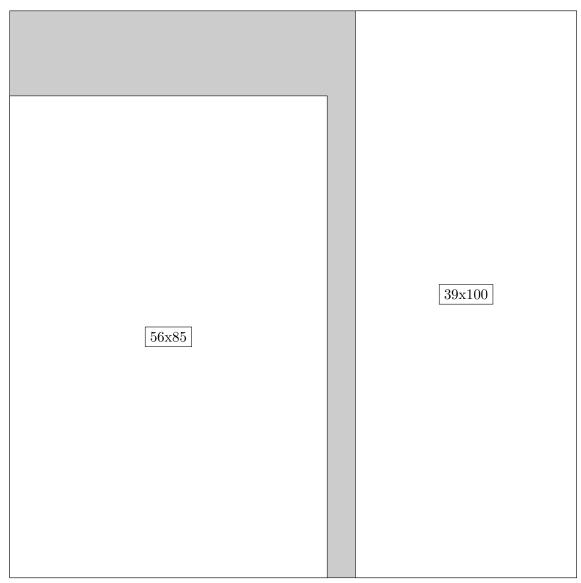
w = 63, h = 86, x = 0, y = 0, v = 5418



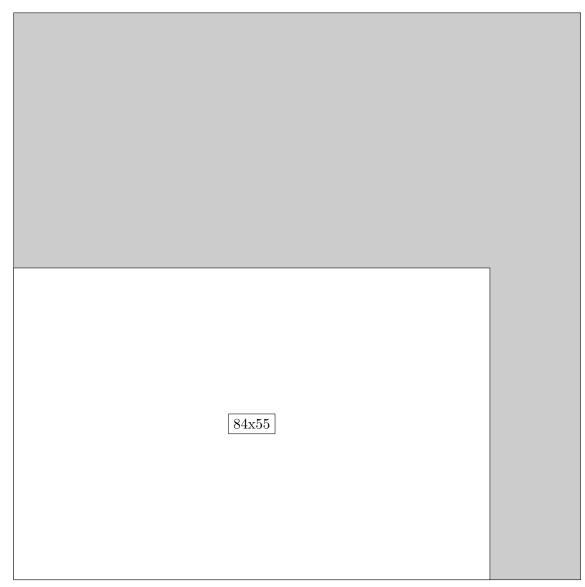
 $\le =82$, h =65 , x =0 , y =0 , v =5330



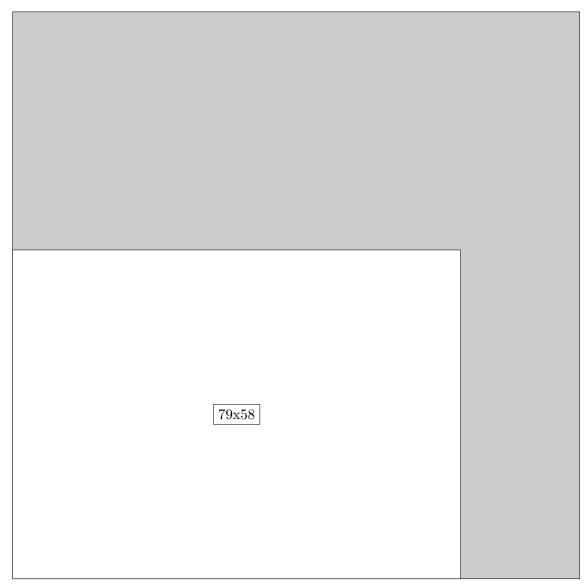
w = 74, h = 67, x = 0, y = 0, v = 4958



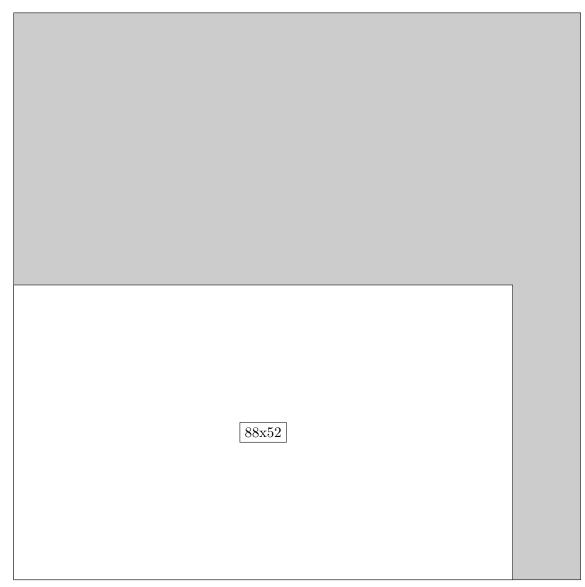
w = 56, h = 85, x = 0, y = 0, v = 4760 w = 39, h = 100, x = 61, y = 0, v = 3900



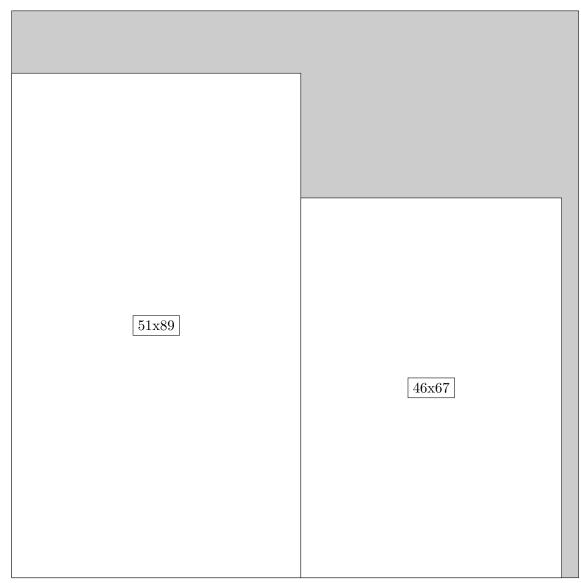
 $\le =84$, h =55 , x =0 , y =0 , v =4620

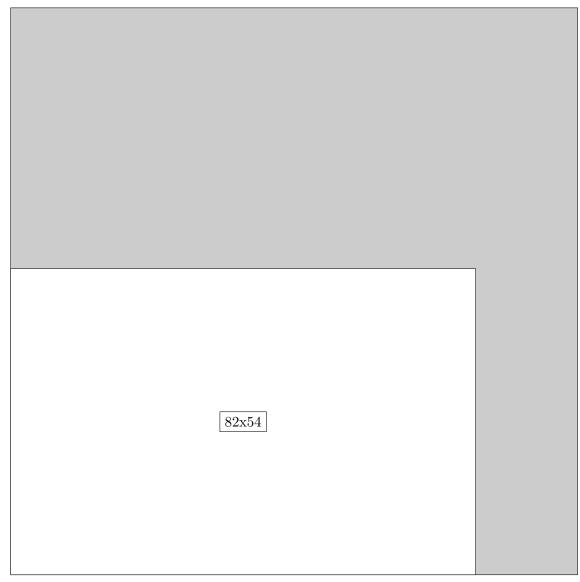


w = 79, h = 58, x = 0, y = 0, v = 4582

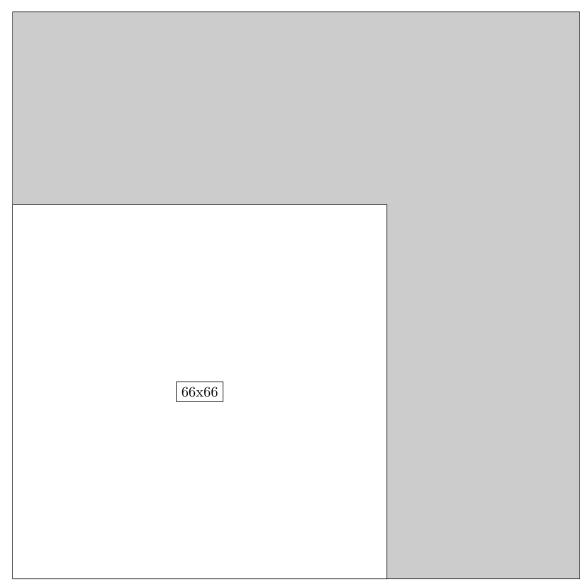


 $\le =88$, h =52 , x =0 , y =0 , v =4576

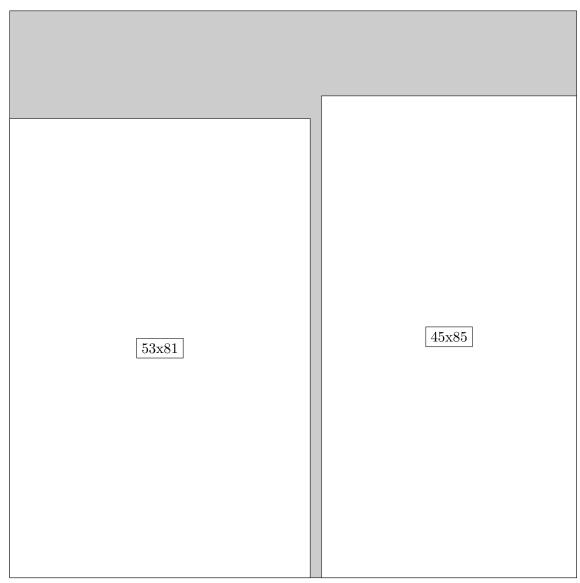




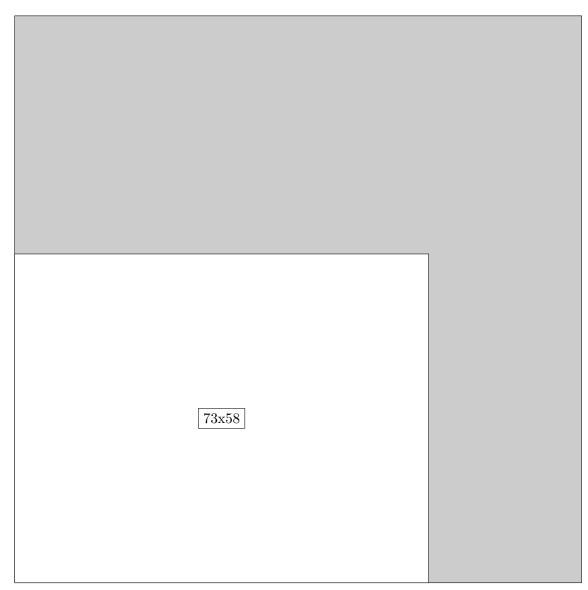
 $\le =82$, h =54 , x =0 , y =0 , v =4428



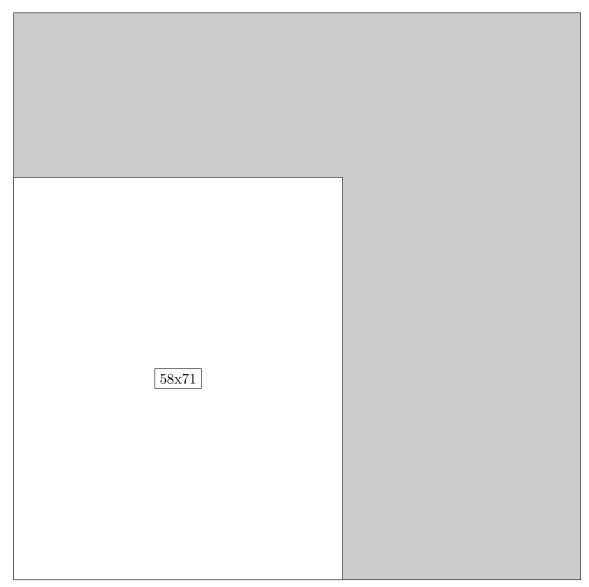
w = 66, h = 66, x = 0, y = 0, v = 4356



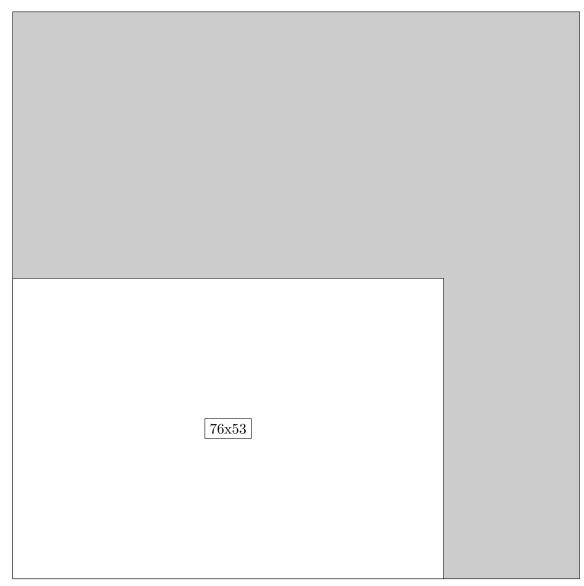
$$\begin{array}{c} w = \!\! 53 \; , \; h = \!\! 81 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 4293 \\ w = \!\! 45 \; , \; h = \!\! 85 \; , \; x = \!\! 55 \; , \; y = \!\! 0 \; , \; v = \!\! 3825 \\ \end{array}$$



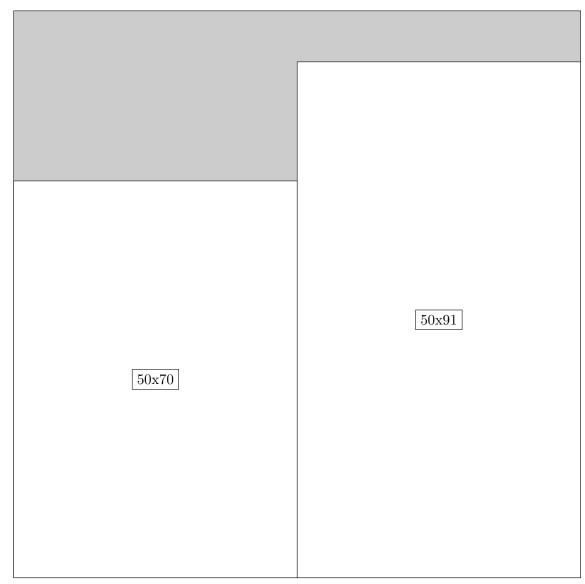
w = 73, h = 58, x = 0, y = 0, v = 4234



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



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



$$\begin{array}{l} w = \! 50 \ , \ h = \! 91 \ , \ x = \! 50 \ , \ y = \! 0 \ , \ v = \! 4550 \\ w = \! 50 \ , \ h = \! 70 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3500 \end{array}$$



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