$ClassName: \ Class_09.2bp-11$

BinSize: $\underline{100 \times 100}$ ReduceSize: $\underline{100 \times 99}$

TypeNum: <u>39</u> Num: <u>40</u> OutS: <u>320000</u> InS: <u>185248</u> Rate: <u>0.579</u> UB: <u>32</u> LB0: <u>32</u>

 $\begin{array}{c} \overline{\text{LBWithCut: }} \mathbf{32} \\ \text{NodeCut: } \mathbf{0} \end{array}$

LB: **32**

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

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{32}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

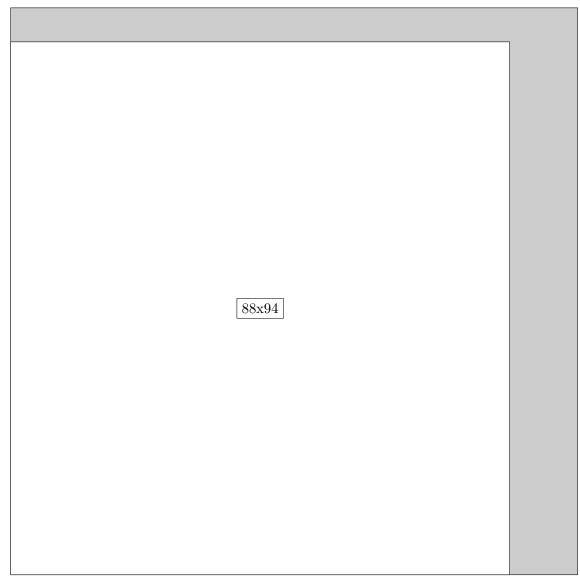
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.080 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.063 \ s} \\ {\rm TotalTime:} \ \underline{0.205 \ s} \\ \end{array}$



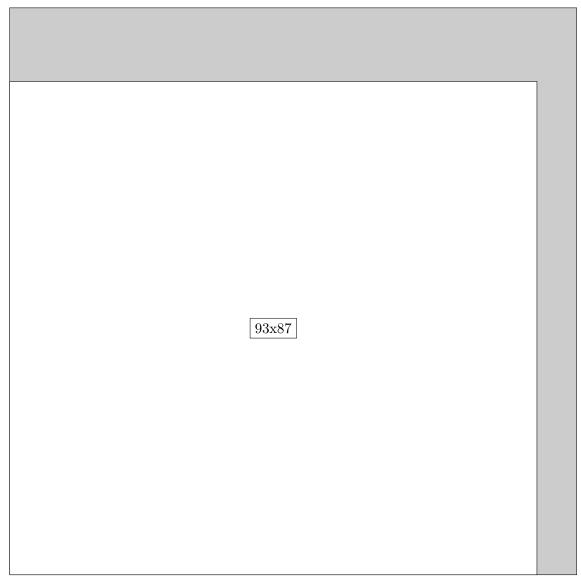
 $\le =89$, h =95 , x =0 , y =0 , v = 8455



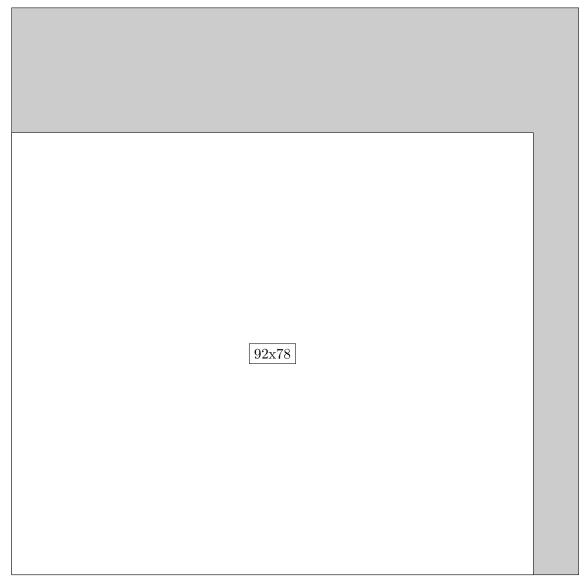
 $\le =89$, h =95 , x =0 , y =0 , v = 8455



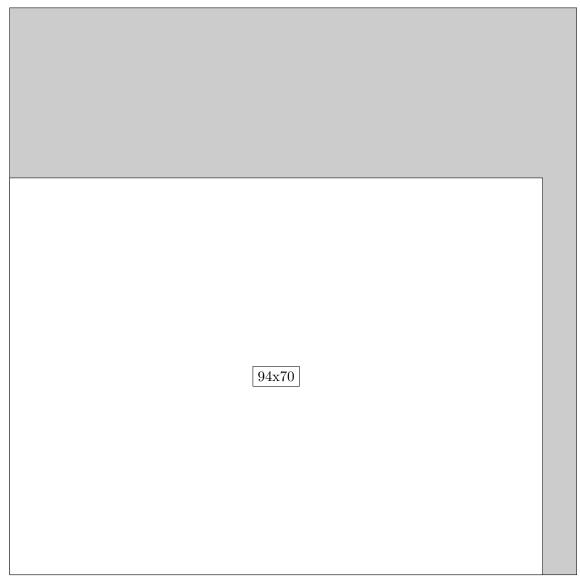
 $\le =88$, h =94 , x =0 , y =0 , v =8272



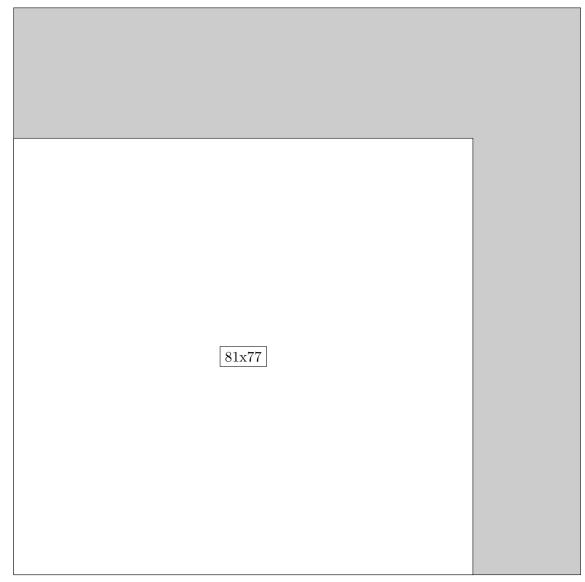
 $\overline{w} = 93$, h = 87, x = 0, y = 0, v = 8091



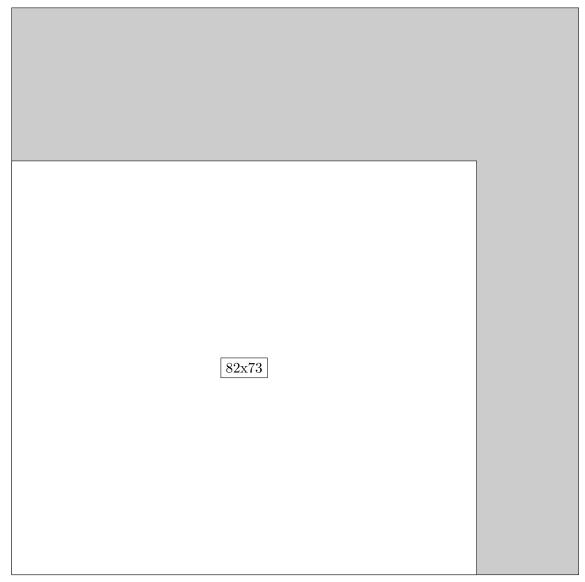
 $\le =92$, h =78 , x =0 , y =0 , v =7176



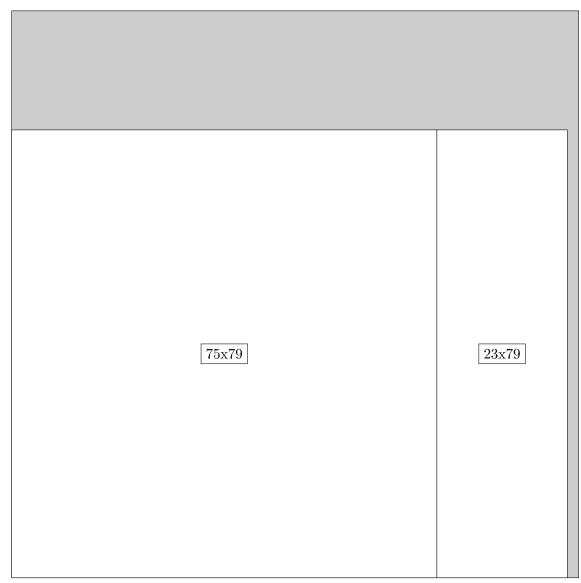
 $\le =94$, h =70 , x =0 , y =0 , v =6580

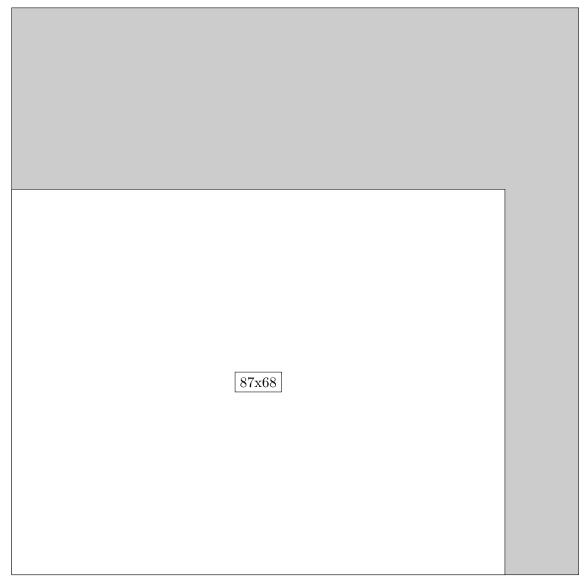


 $\le =81$, h =77 , x =0 , y =0 , v =6237

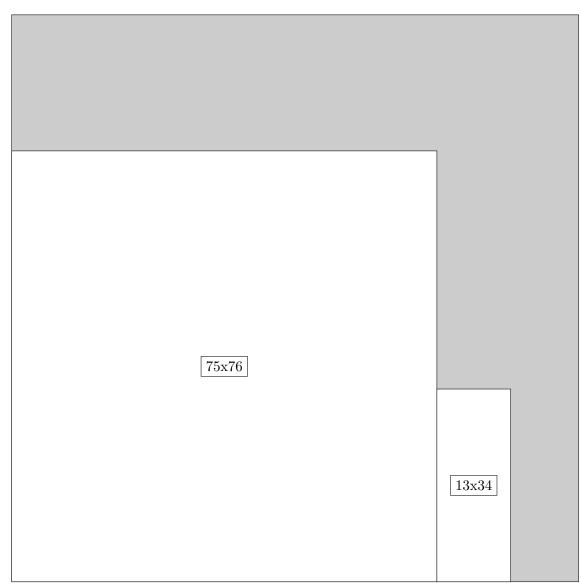


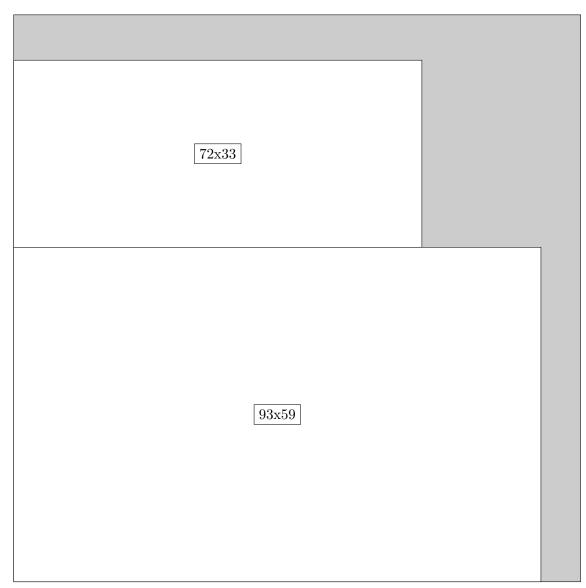
 $\le =82$, h =73 , x =0 , y =0 , v =5986



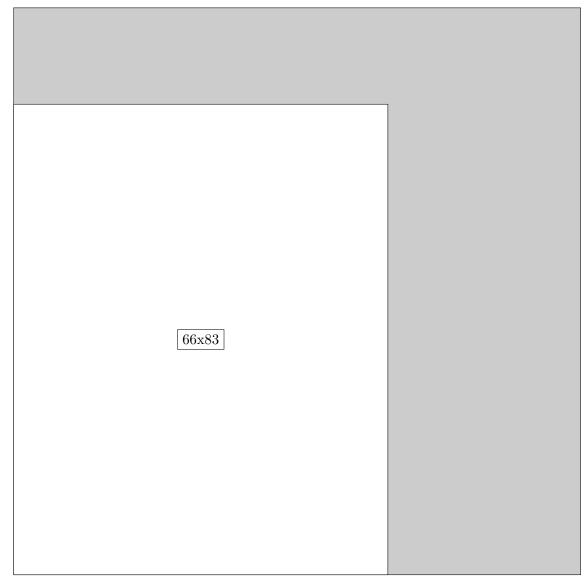


w = 87, h = 68, x = 0, y = 0, v = 5916

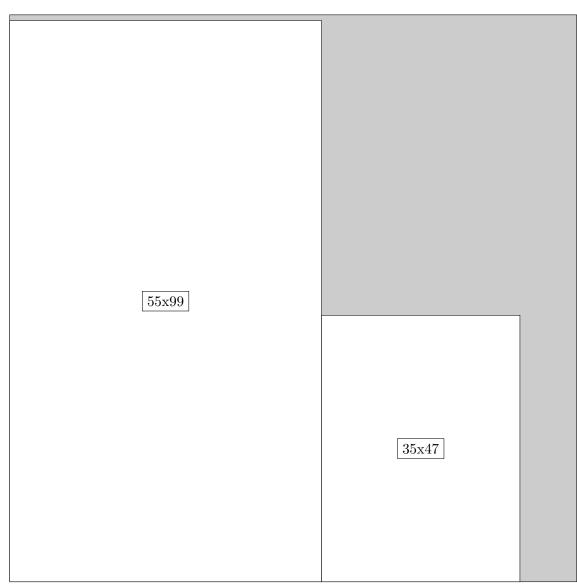




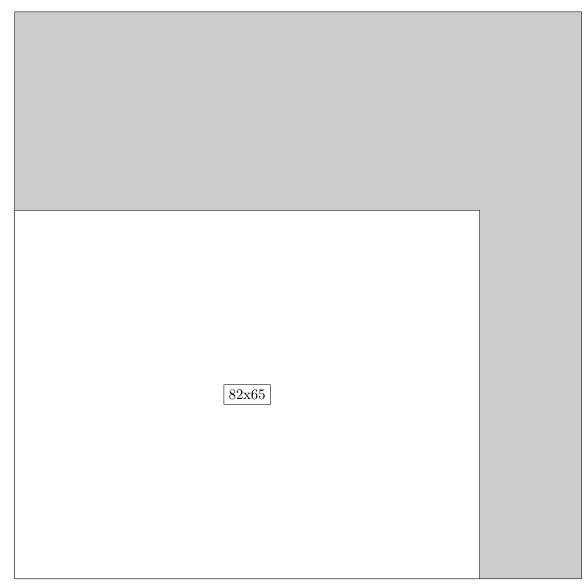
$$\begin{array}{l} w = \!\!\! 72 \ , \ h = \!\!\! 33 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 59 \ , \ v = \!\!\! 2376 \\ w = \!\!\! 93 \ , \ h = \!\!\! 59 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 5487 \end{array}$$



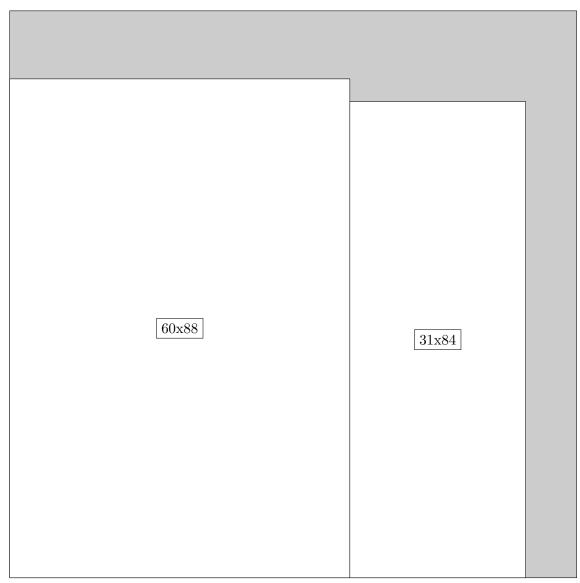
w = 66, h = 83, x = 0, y = 0, v = 5478

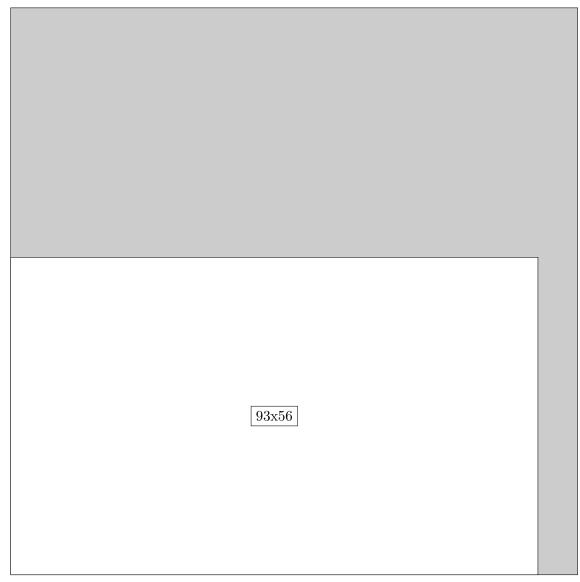


$$\begin{array}{c} w = \!\! 55 \ , \ h = \!\! 99 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 5445 \\ w = \!\! 35 \ , \ h = \!\! 47 \ , \ x = \!\! 55 \ , \ y = \!\! 0 \ , \ v = \!\! 1645 \end{array}$$



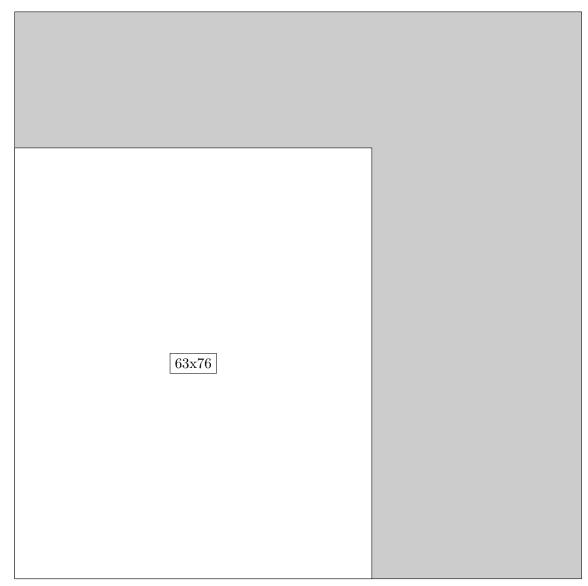
 $\le =82$, h =65 , x =0 , y =0 , v =5330



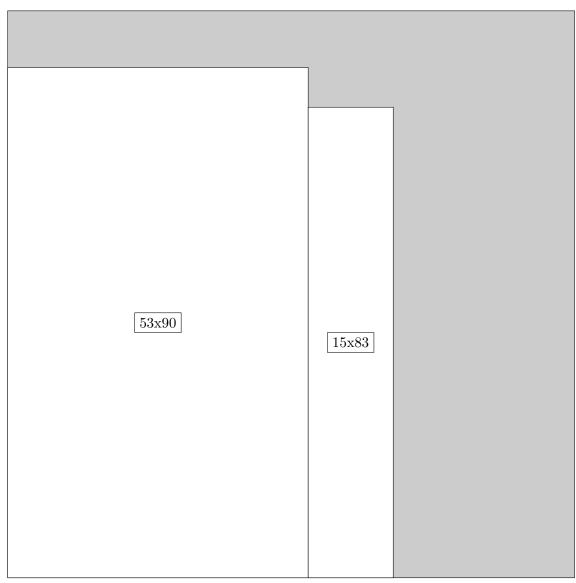


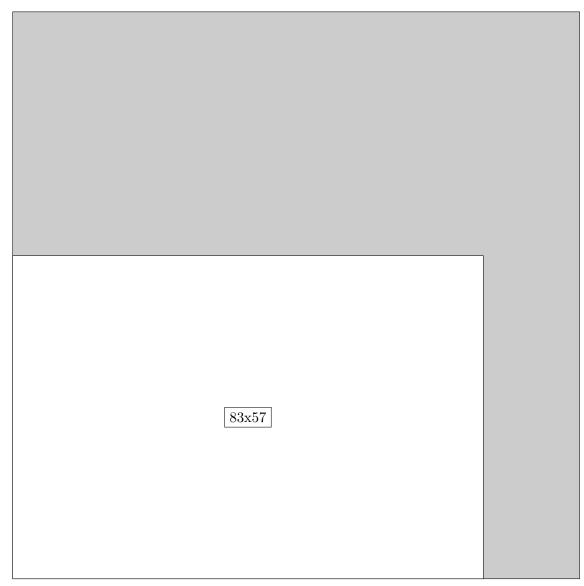
 $\le =93$, h =56 , x =0 , y =0 , v =5208



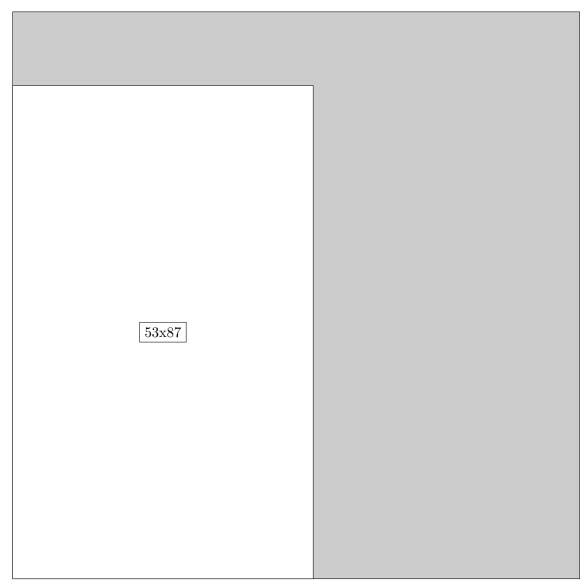


w = 63, h = 76, x = 0, y = 0, v = 4788

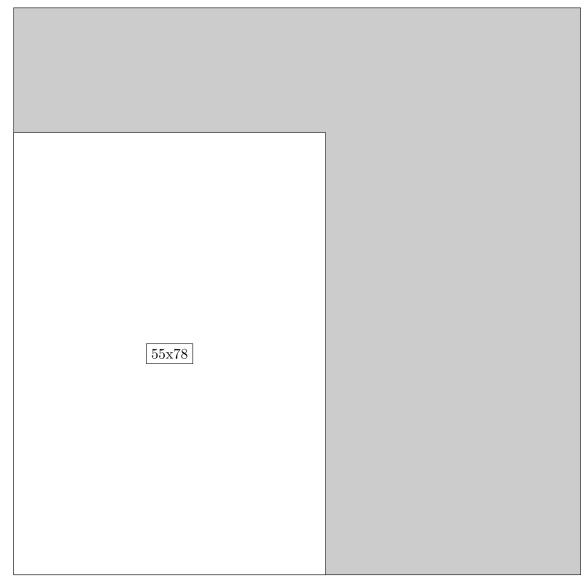




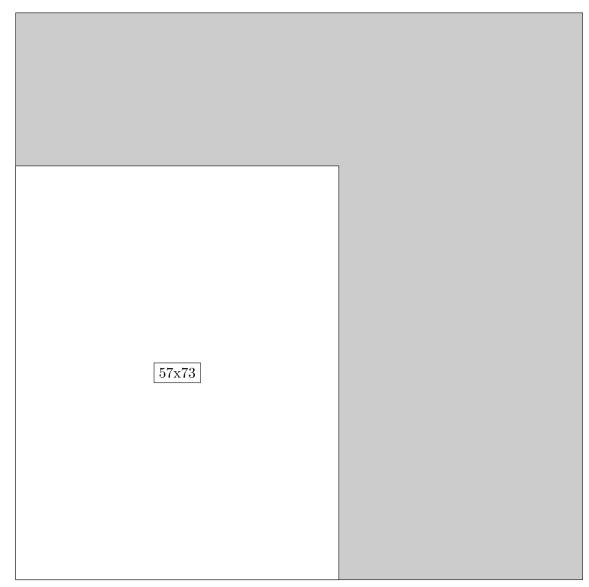
 $\le =83$, h =57 , x =0 , y =0 , v =4731



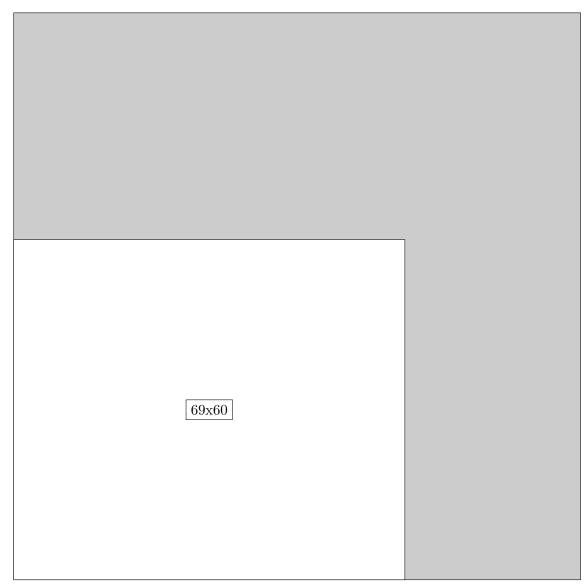
 $\overline{w} = 53$, h = 87, x = 0, y = 0, v = 4611



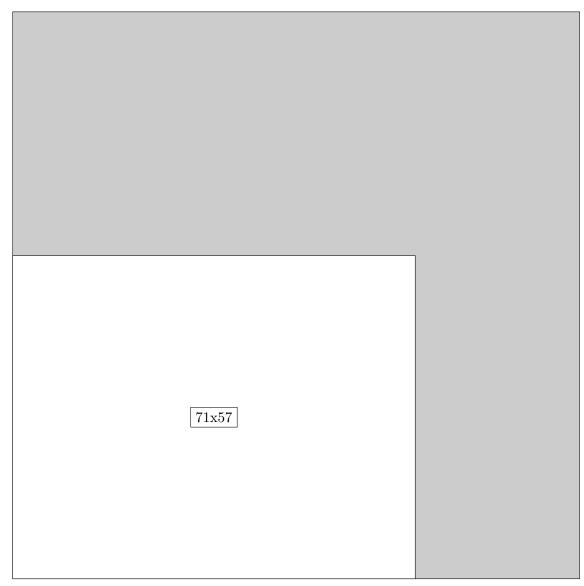
w = 55, h = 78, x = 0, y = 0, v = 4290



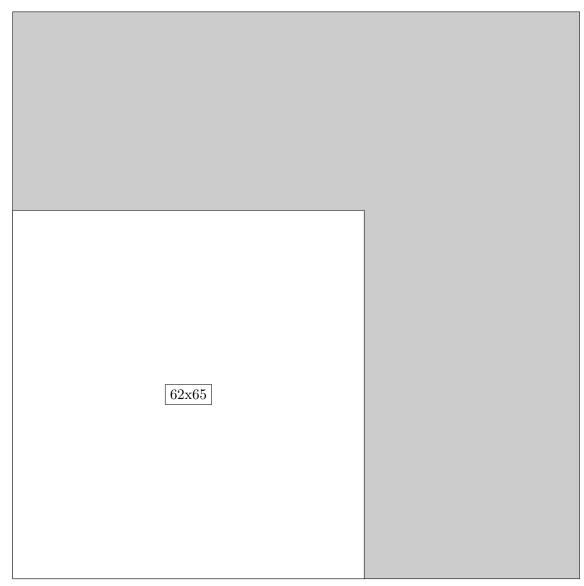
w = 57, h = 73, x = 0, y = 0, v = 4161



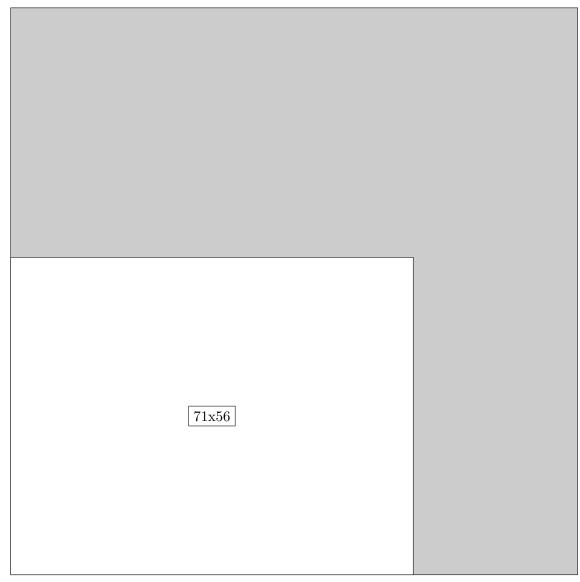
 $\overline{\mathbf{w}} = 69$, $\mathbf{h} = 60$, $\mathbf{x} = 0$, $\mathbf{y} = 0$, $\mathbf{v} = 4140$



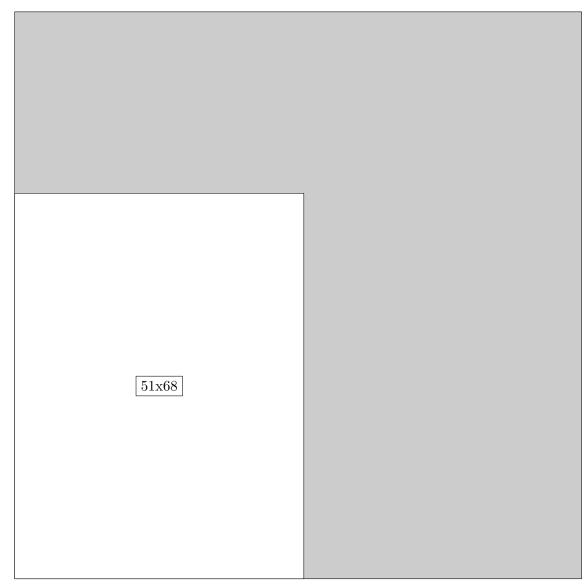
w = 71, h = 57, x = 0, y = 0, v = 4047



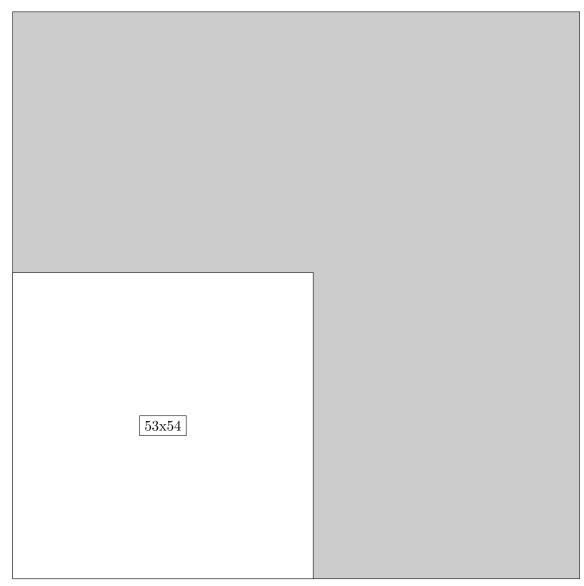
w = 62, h = 65, x = 0, y = 0, v = 4030



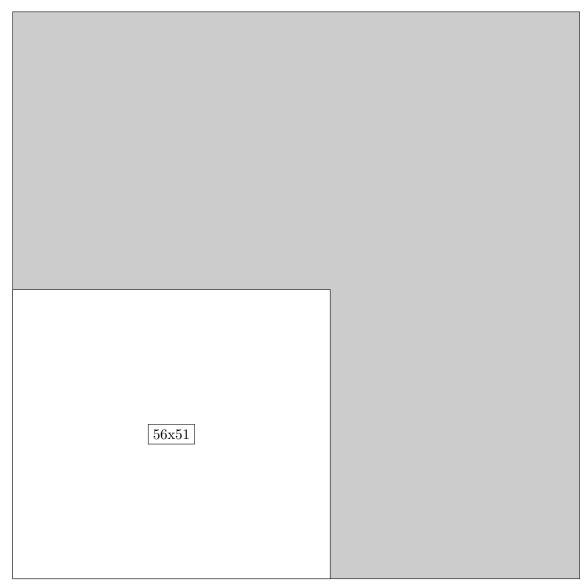
w = 71, h = 56, x = 0, y = 0, v = 3976



 $\overline{w} = 51$, h = 68, x = 0, y = 0, v = 3468



w = 53, h = 54, x = 0, y = 0, v = 2862



w = 56, h = 51, x = 0, y = 0, v = 2856

