$ClassName: \ Class\_09.2bp-19$ 

BinSize:  $100 \times 100$ ReduceSize:  $100 \times 100$ 

TypeNum:  $\underline{40}$ Num: **40** OutS: 340000InS: 201077Rate:  $\underline{0.591}$ UB: <u>34</u>

LB0: **34** LB: **34** 

LBWithCut: **34** NodeCut: **0** 

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

GenNodeCnt:  $\mathbf{1}$ PrimalNode:  $\mathbf{0}$ ColumnCount: 34  $TotalCutCount: \ \mathbf{0}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\mathbf{0}$ 

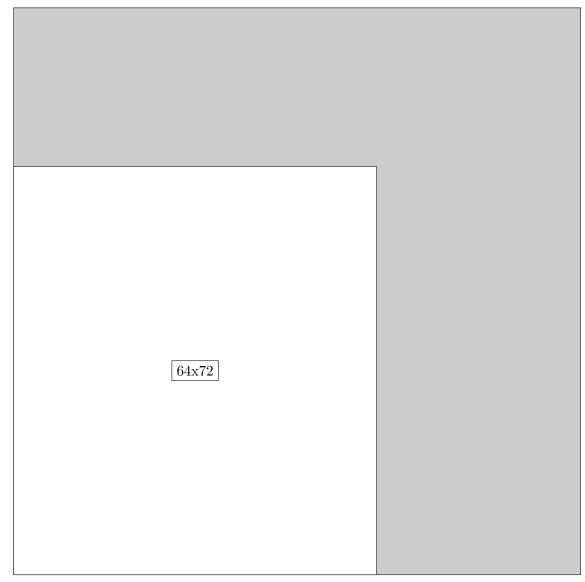
BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

is Opt:  $\underline{\mathbf{true}}$ 

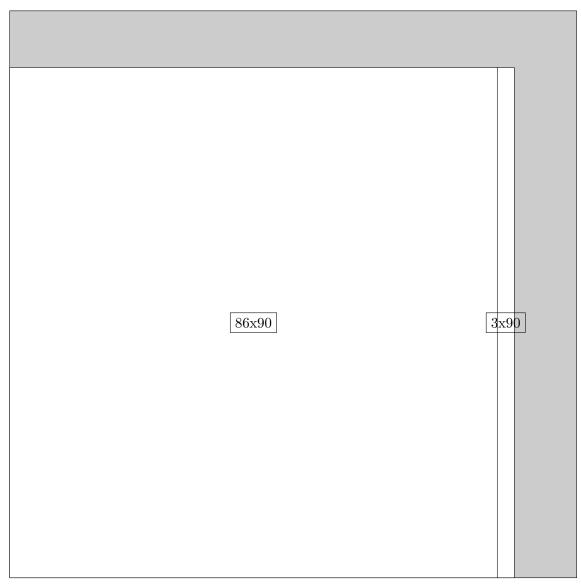
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 0.156 s



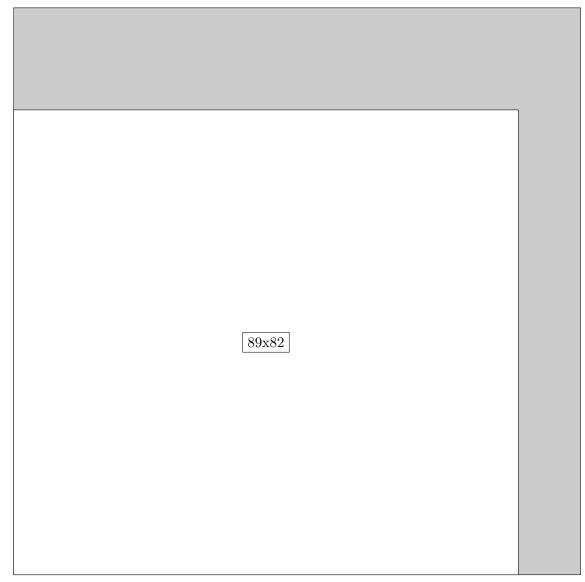
 $\le 100$  , h =89 , x =0 , y =0 , v =8900



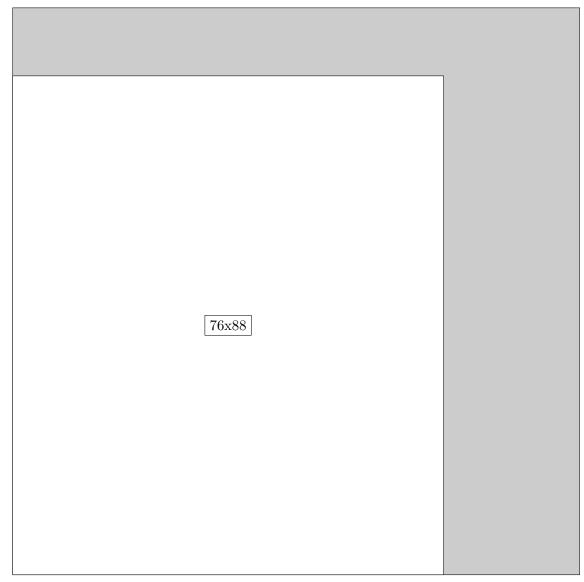
w = 64, h = 72, x = 0, y = 0, v = 4608



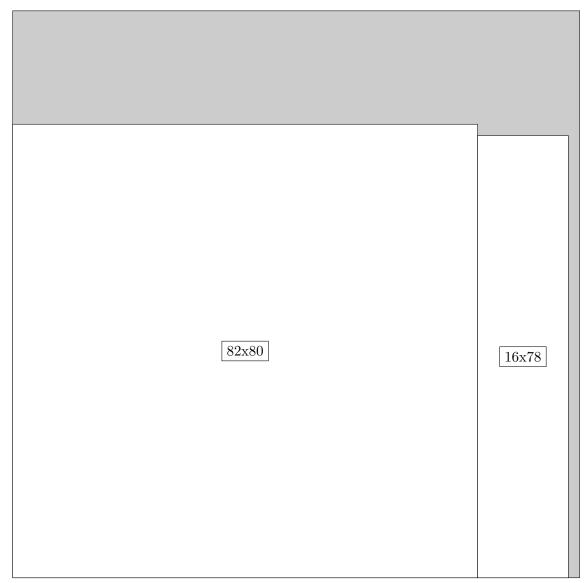
 $\begin{array}{l} w = \! 86 \ , \, h = \! 90 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 7740 \\ w = \! 3 \ , \, h = \! 90 \ , \, x = \! 86 \ , \, y = \! 0 \ , \, v = \! 270 \end{array}$ 

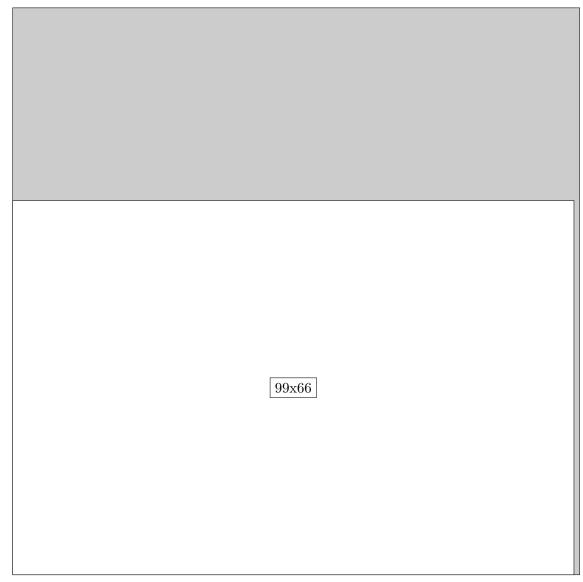


 $\le =89$  , h =82 , x =0 , y =0 , v =7298

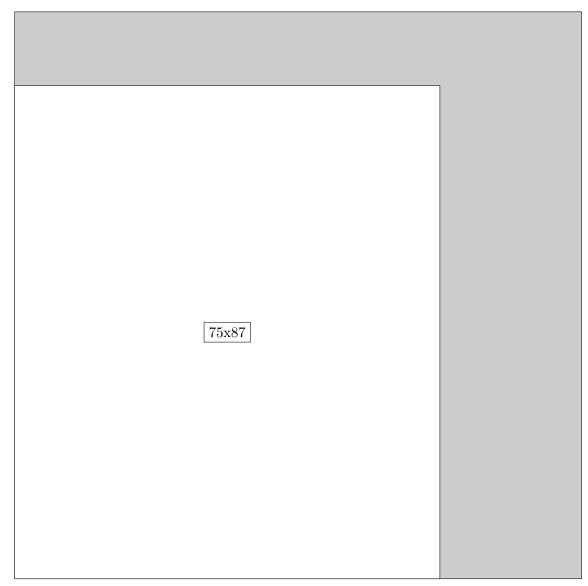


w = 76, h = 88, x = 0, y = 0, v = 6688

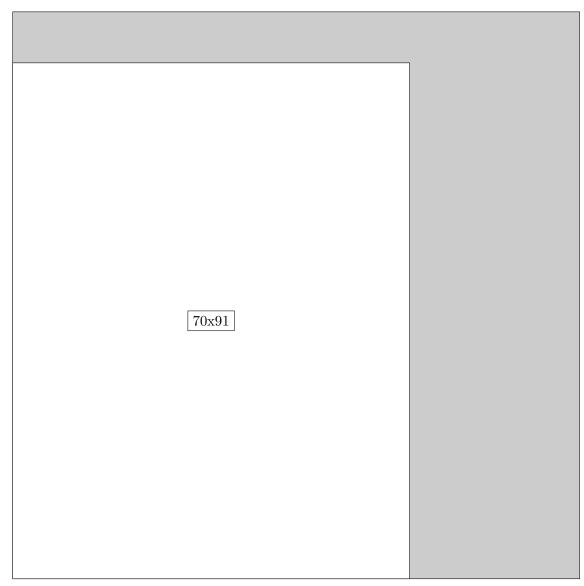




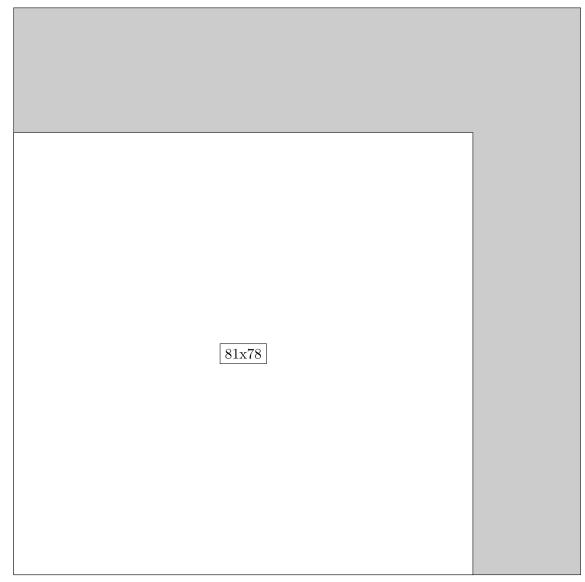
 $\overline{\rm w}$  =99 , h =66 , x =0 , y =0 , v =6534



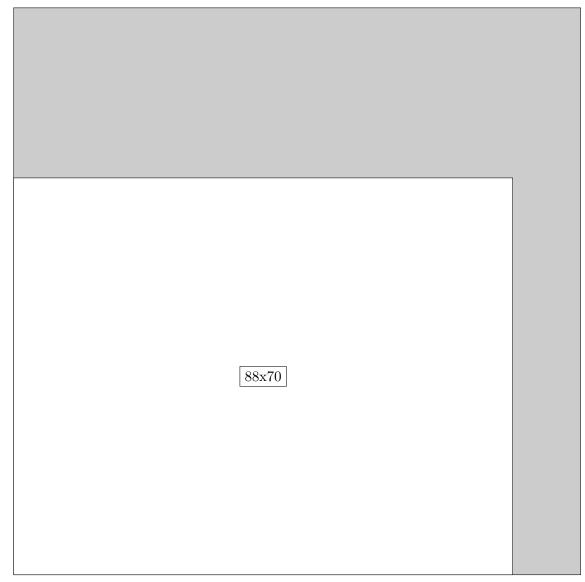
w = 75, h = 87, x = 0, y = 0, v = 6525



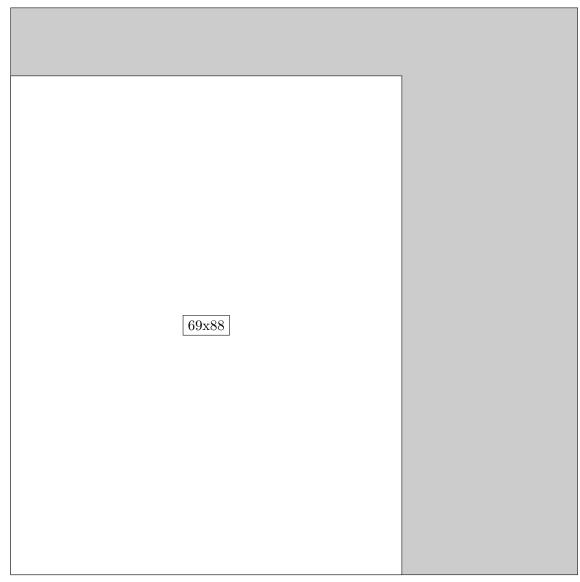
 $\overline{\mathbf{w}} = 70$ ,  $\mathbf{h} = 91$ ,  $\mathbf{x} = 0$ ,  $\mathbf{y} = 0$ ,  $\mathbf{v} = 6370$ 



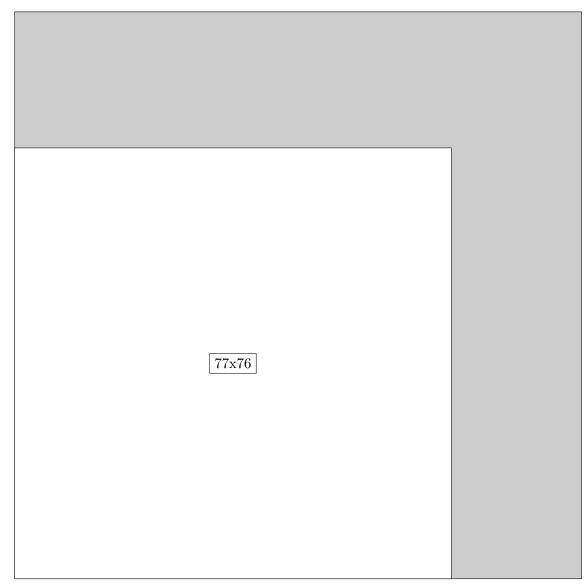
 $\le =81$  , h =78 , x =0 , y =0 , v =6318



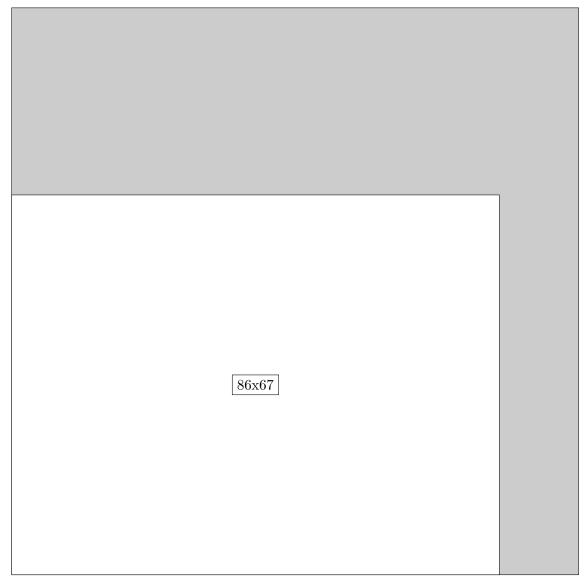
 $\le =88$  , h =70 , x =0 , y =0 , v =6160



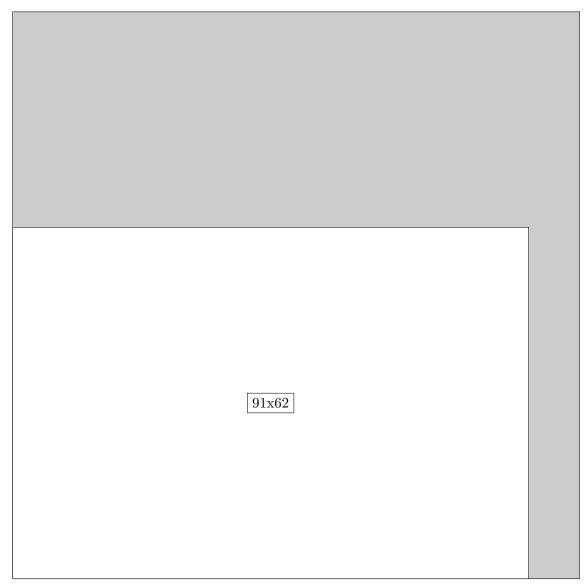
 $\le =69$  , h =88 , x =0 , y =0 , v =6072



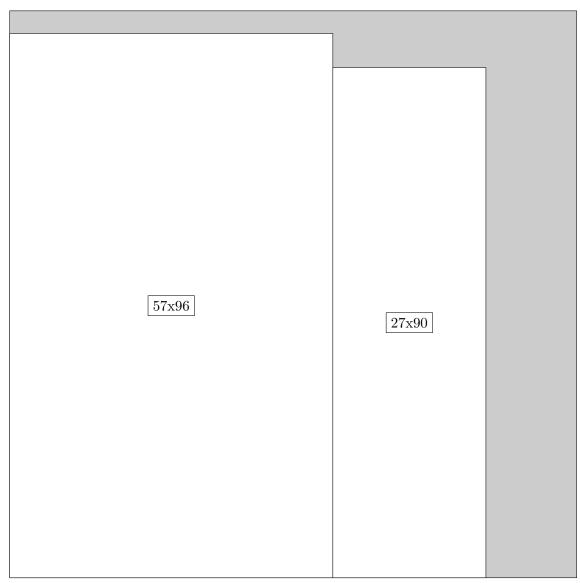
w = 77, h = 76, x = 0, y = 0, v = 5852

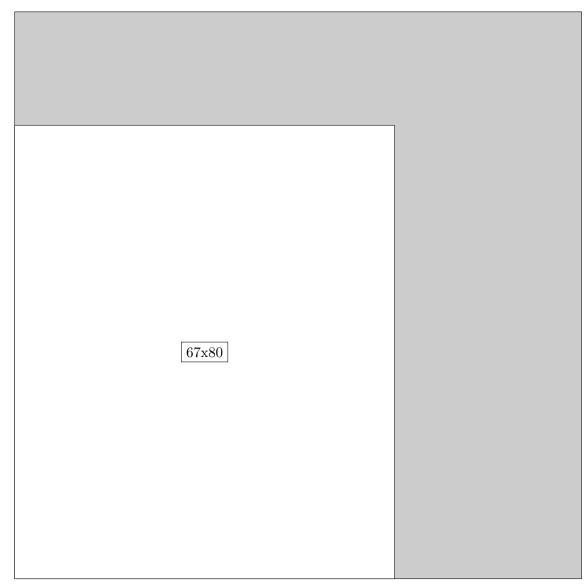


 $\le =86$  , h =67 , x =0 , y =0 , v =5762

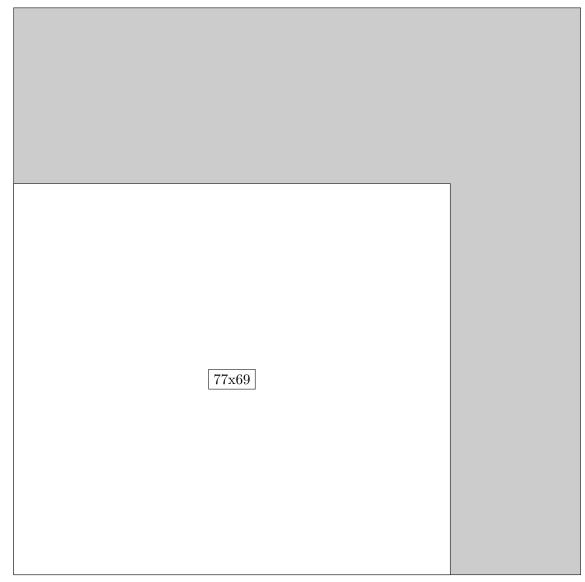


w = 91, h = 62, x = 0, y = 0, v = 5642

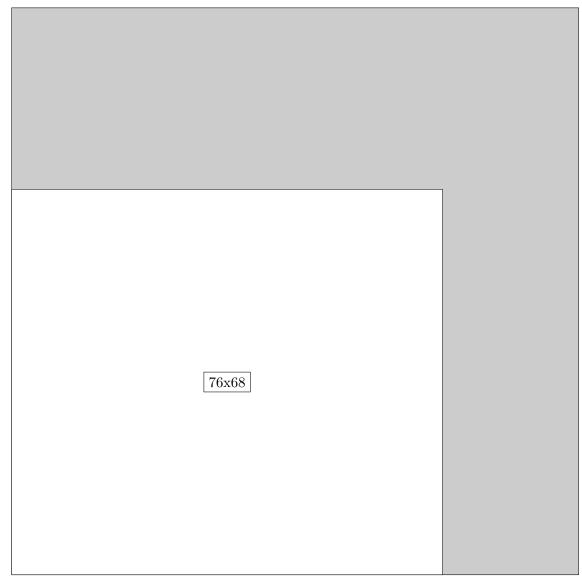




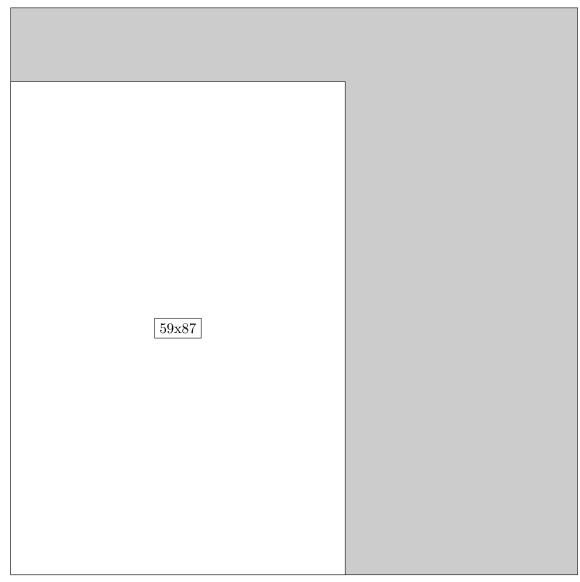
w = 67, h = 80, x = 0, y = 0, v = 5360



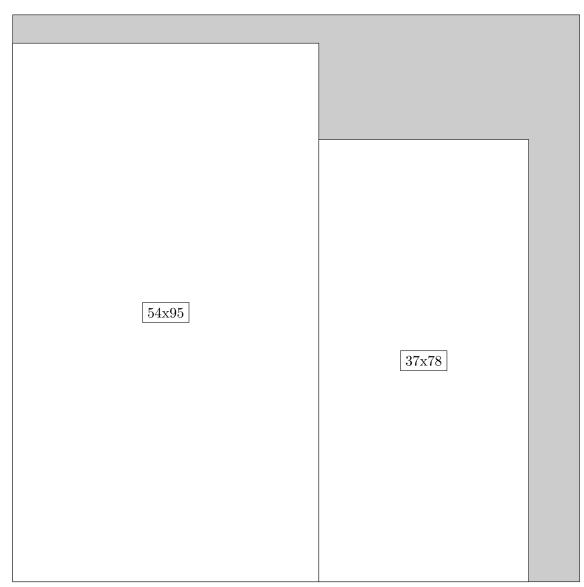
w = 77, h = 69, x = 0, y = 0, v = 5313

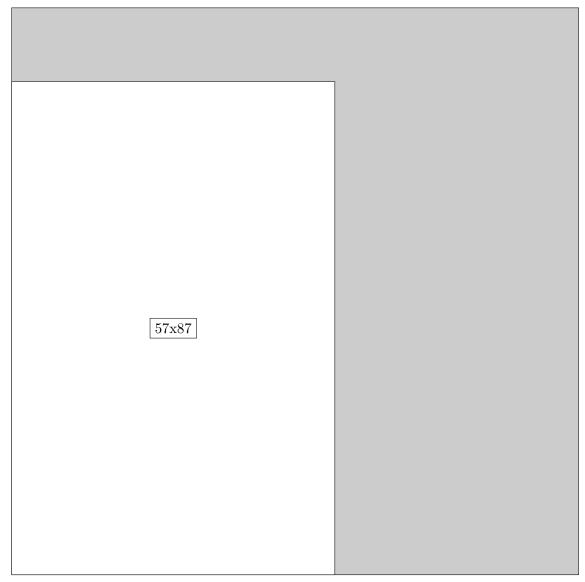


 $\overline{\mathbf{w}} = 76$ ,  $\mathbf{h} = 68$ ,  $\mathbf{x} = 0$ ,  $\mathbf{y} = 0$ ,  $\mathbf{v} = 5168$ 

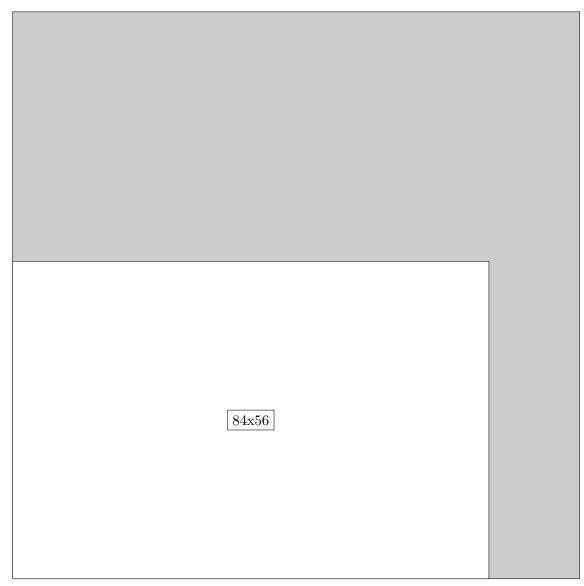


 $\le =59$  , h =87 , x =0 , y =0 , v =5133

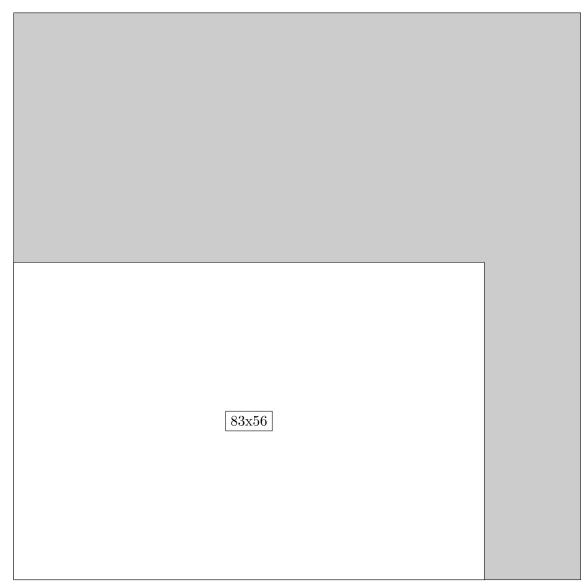




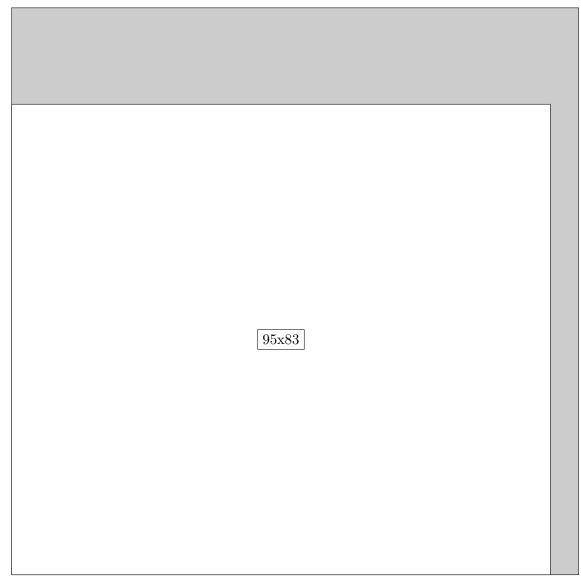
w = 57, h = 87, x = 0, y = 0, v = 4959



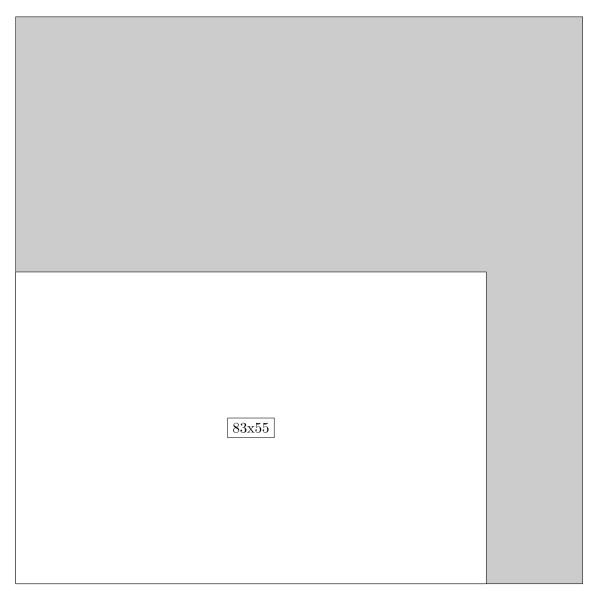
w = 84, h = 56, x = 0, y = 0, v = 4704



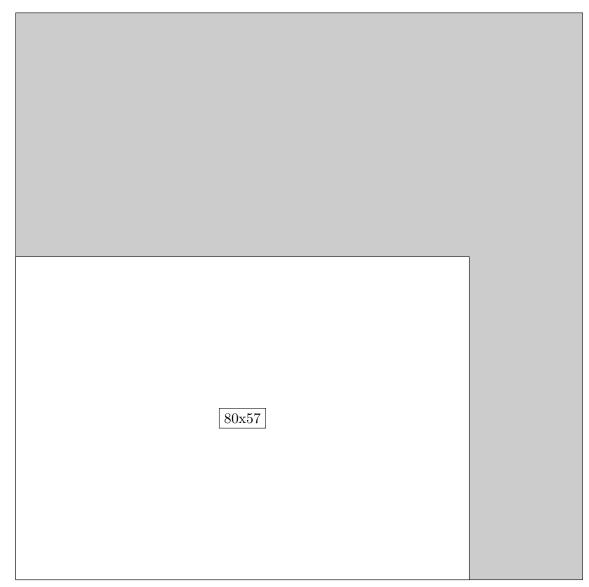
 $\le =83$  , h = 56 , x =0 , y = 0 , v = 4648



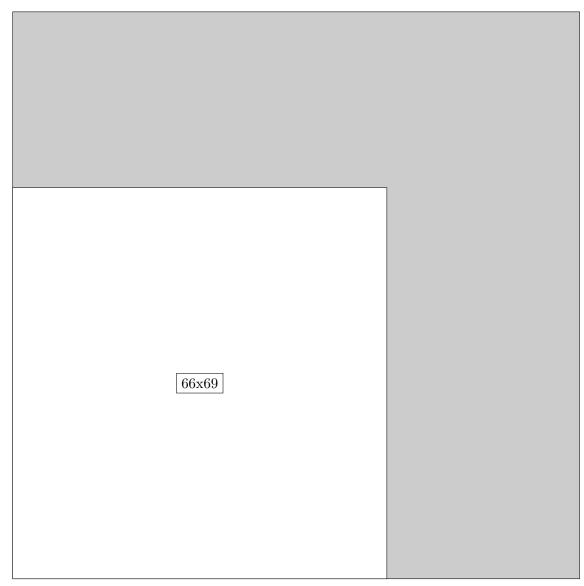
w = 95, h = 83, x = 0, y = 0, v = 7885



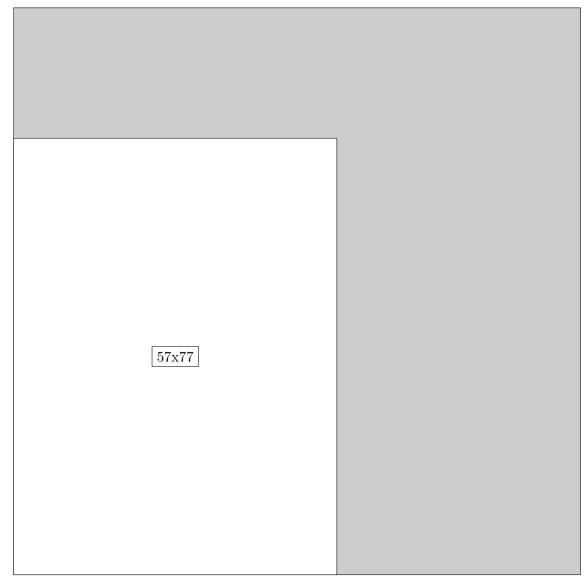
 $\le =83$  , h =55 , x =0 , y =0 , v =4565



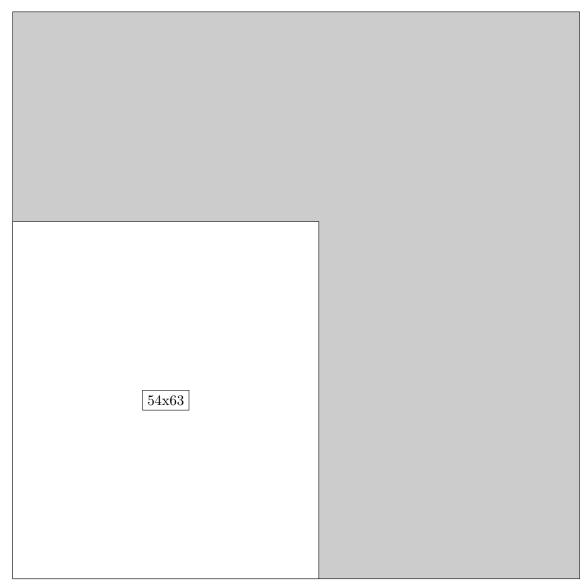
 $\le =80$  , h =57 , x =0 , y =0 , v =4560



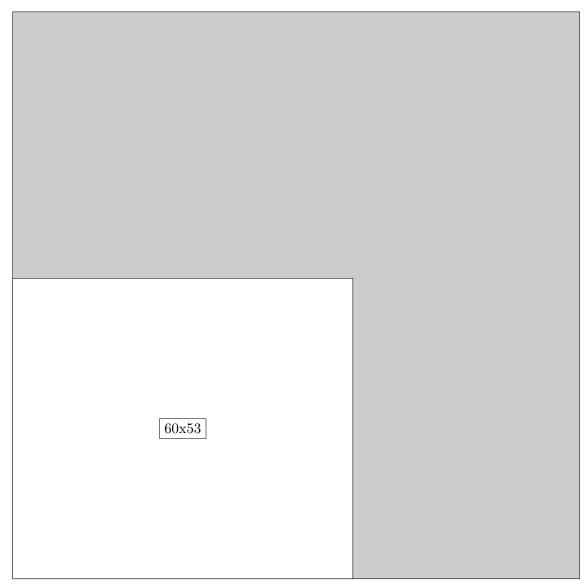
w = 66, h = 69, x = 0, y = 0, v = 4554



w = 57, h = 77, x = 0, y = 0, v = 4389



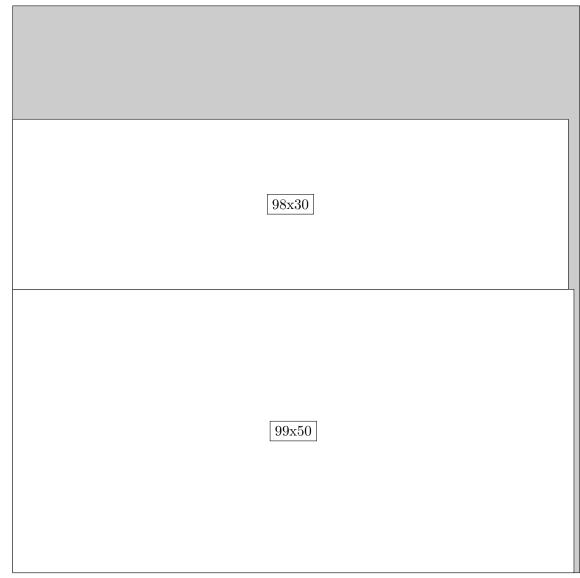
w = 54, h = 63, x = 0, y = 0, v = 3402



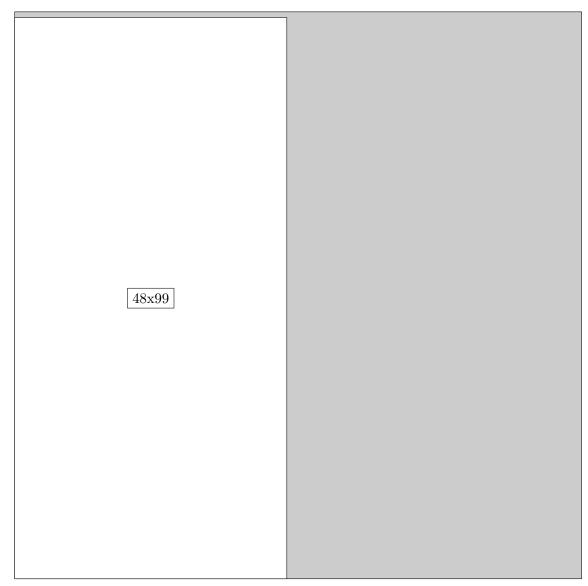
w = 60, h = 53, x = 0, y = 0, v = 3180



$$\begin{array}{c} w = \! 50 \; , \; h = \! 63 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 3150 \\ w = \! 50 \; , \; h = \! 60 \; , \; x = \! 50 \; , \; y = \! 0 \; , \; v = \! 3000 \\ \end{array}$$



$$\begin{array}{c} w = 99 \; , \; h = \!\! 50 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 4950 \\ w = \!\! 98 \; , \; h = \!\! 30 \; , \; x = \!\! 0 \; , \; y = \!\! 50 \; , \; v = \!\! 2940 \\ \end{array}$$



 $\le =48$  , h =99 , x =0 , y =0 , v =4752