$ClassName: \ Class_09.2bp-11$

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>

LB: $\underline{32}$ LBWithCut: $\underline{32}$ NodeCut: $\underline{0}$

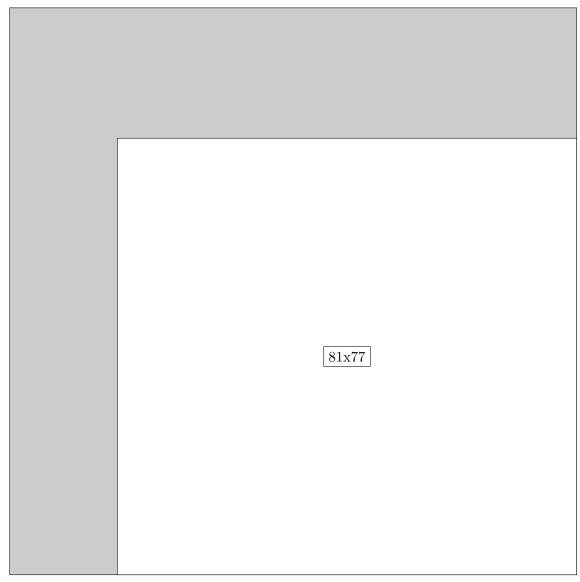
 $\operatorname{ExtendedNodeCnt}$: $\underline{\mathbf{1}}$

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

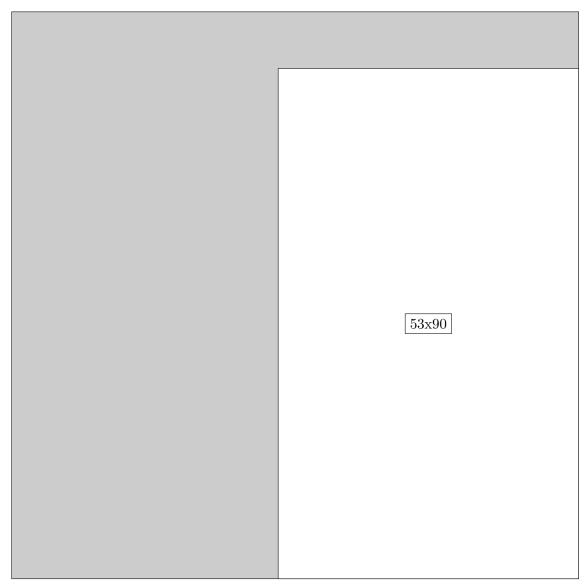
isOpt: $\underline{\mathbf{true}}$

TimeOnInitSolution: $\underline{600.000 \text{ s}}$

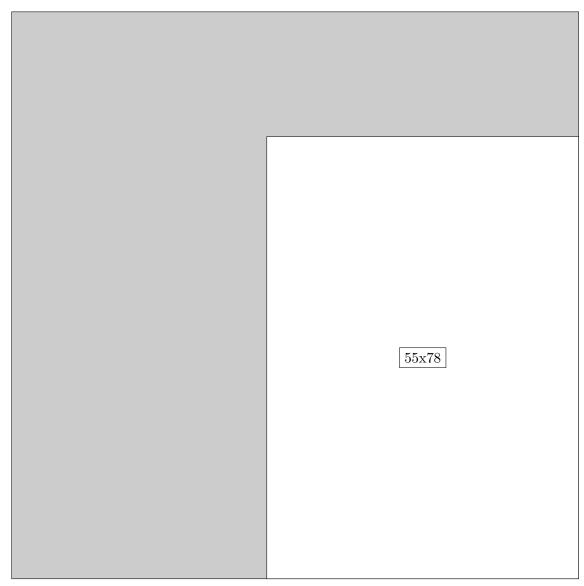
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 600.297 s



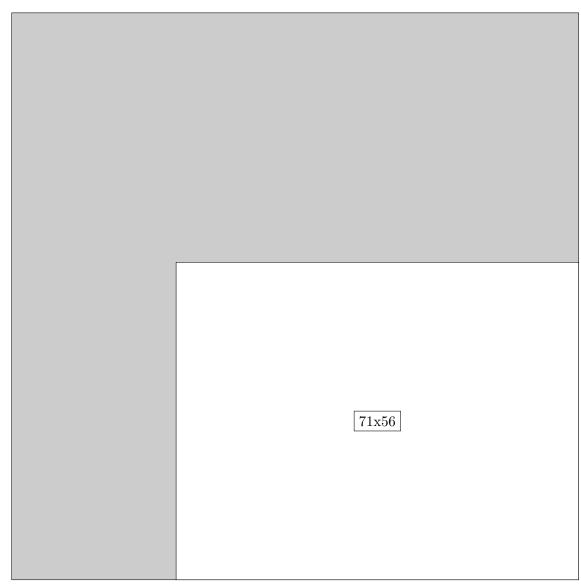
 $\le =81$, h =77 , x =19 , y =0 , v =6237



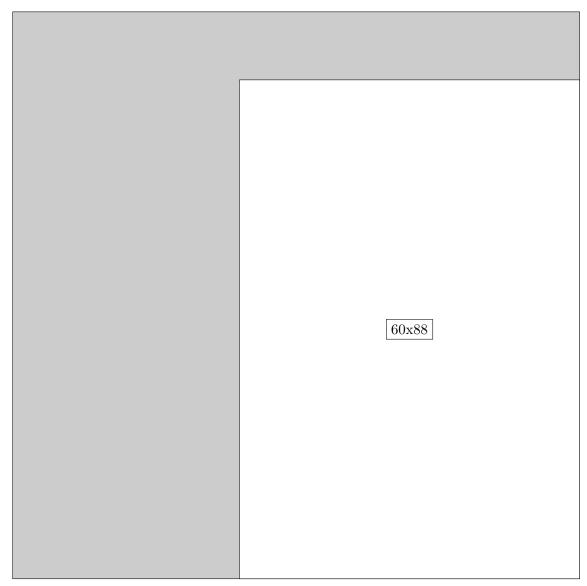
 $\le =53$, h =90 , x =47 , y =0 , v =4770



 $\le =55$, h =78 , x =45 , y =0 , v =4290



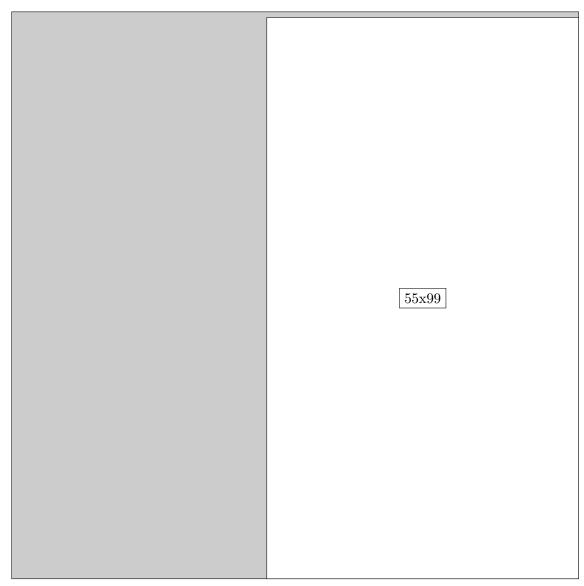
 $\le =71$, h = 56 , x = 29 , y = 0 , v = 3976



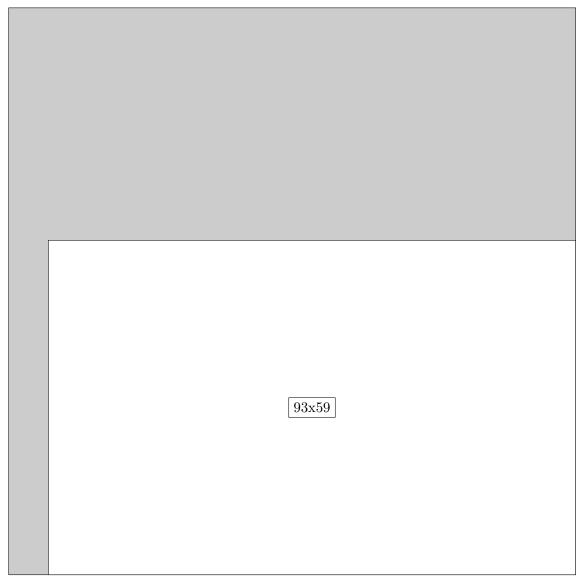
 $\le =60$, h =88 , x =40 , y =0 , v =5280



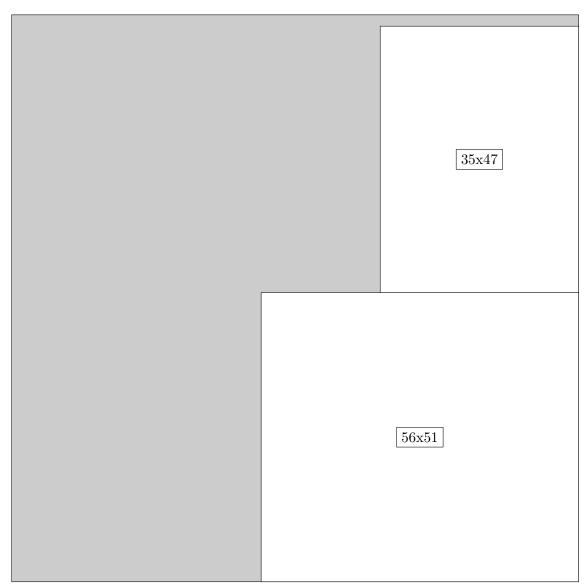
$$\begin{array}{l} w = \! 82 \ , \, h = \! 65 \ , \, x = \! 18 \ , \, y = \! 0 \ , \, v = \! 5330 \\ w = \! 72 \ , \, h = \! 33 \ , \, x = \! 28 \ , \, y = \! 65 \ , \, v = \! 2376 \end{array}$$



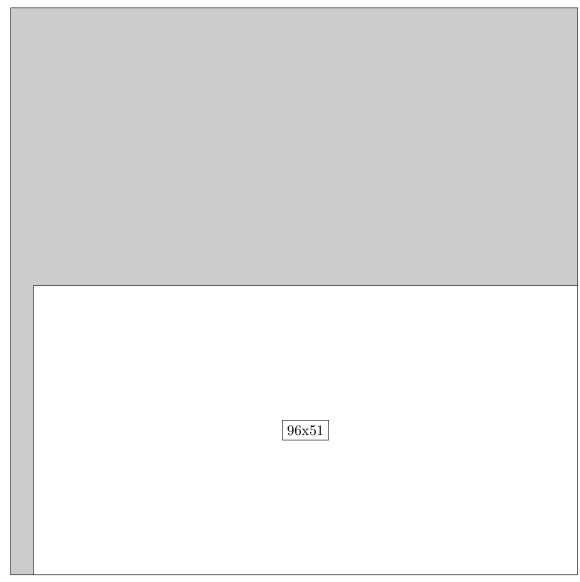
 $\le =55$, h =99 , x =45 , y =0 , v =5445



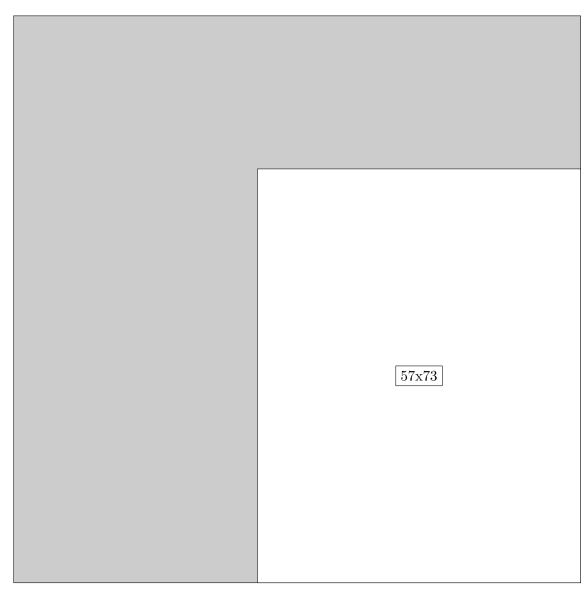
 ≤ -93 , h =59 , x =7 , y =0 , v =5487



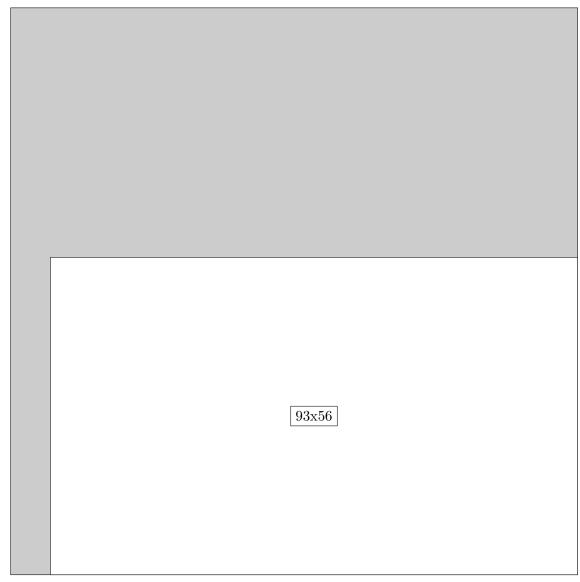
 $\begin{array}{l} w = \!56 \ , \, h = \!\!51 \ , \, x = \!\!44 \ , \, y = \!\!0 \ , \, v = \!\!2856 \\ w = \!\!35 \ , \, h = \!\!47 \ , \, x = \!\!65 \ , \, y = \!\!51 \ , \, v = \!\!1645 \end{array}$



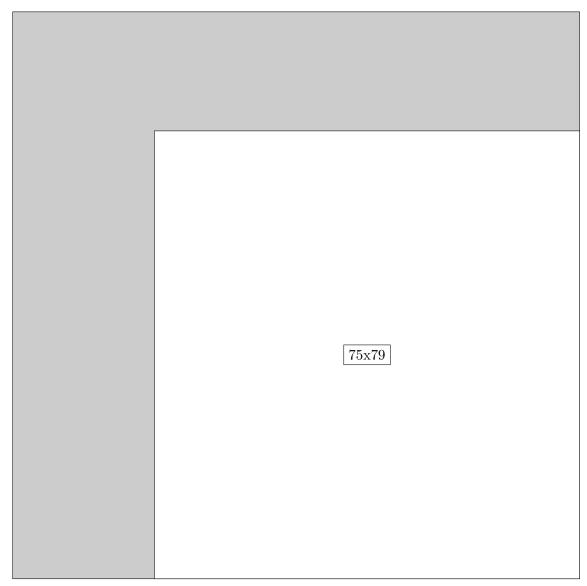
 $\le =96$, h =51 , x =4 , y =0 , v =4896



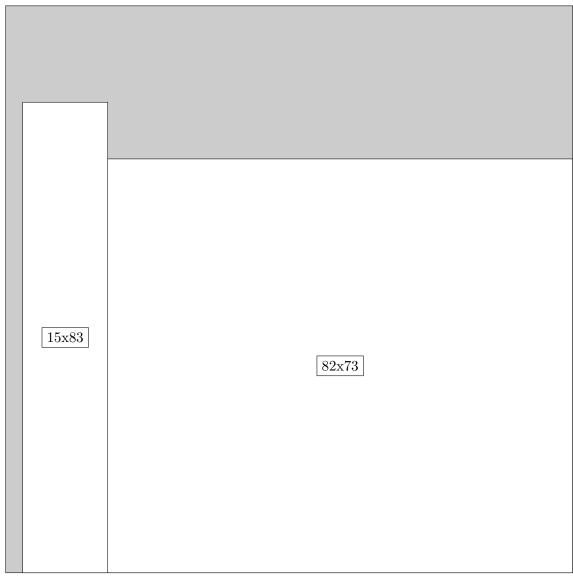
 $\le =57$, h =73 , x =43 , y =0 , v =4161



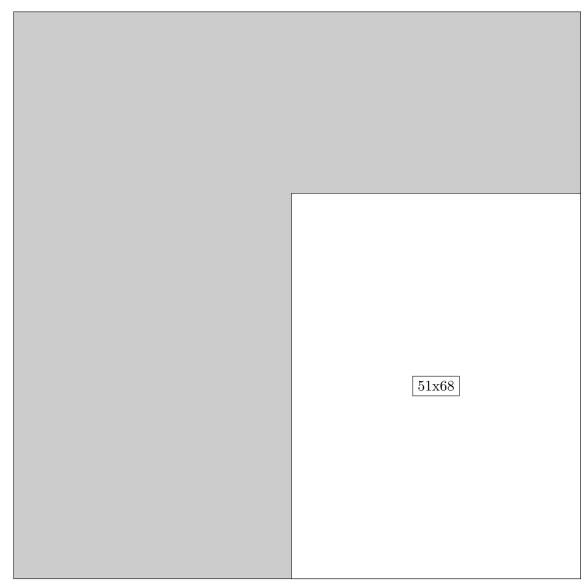
 ≤ -93 , h = 56 , x = 7 , y = 0 , v = 5208



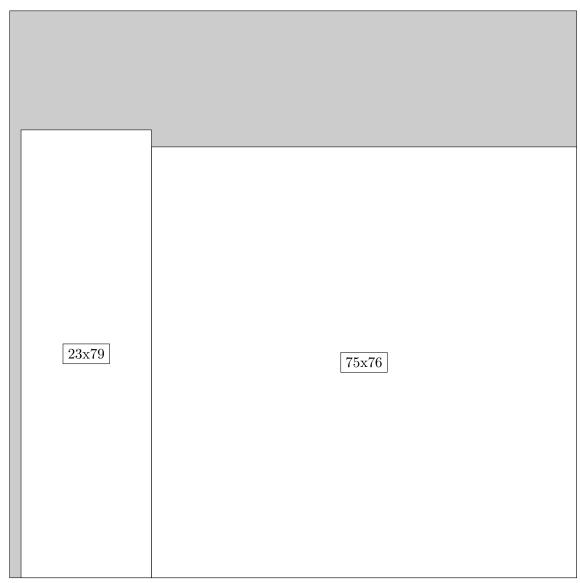
 $\le =75$, h =79 , x =25 , y =0 , v =5925



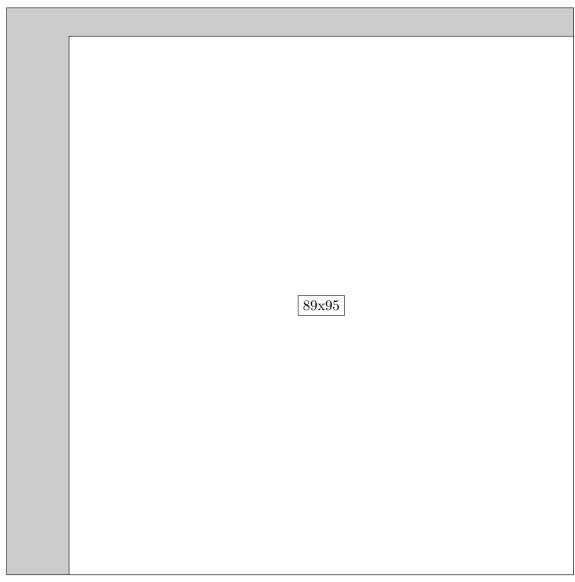
$$\begin{array}{l} w = \! 82 \ , \ h = \! 73 \ , \ x = \! 18 \ , \ y = \! 0 \ , \ v = \! 5986 \\ w = \! 15 \ , \ h = \! 83 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 1245 \end{array}$$



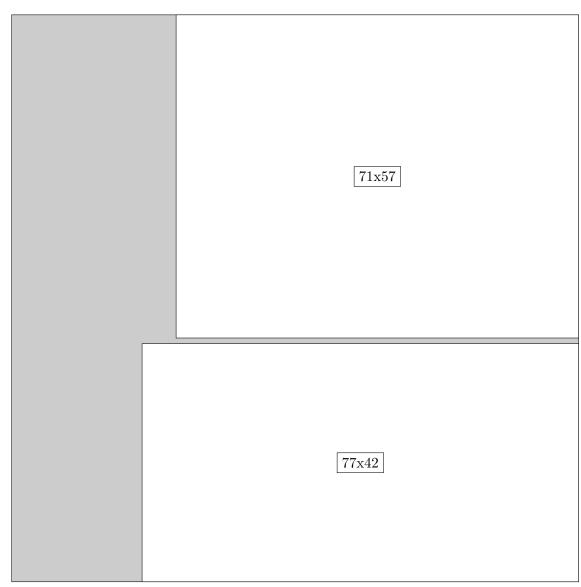
 $\le =51$, h =68 , x =49 , y =0 , v =3468



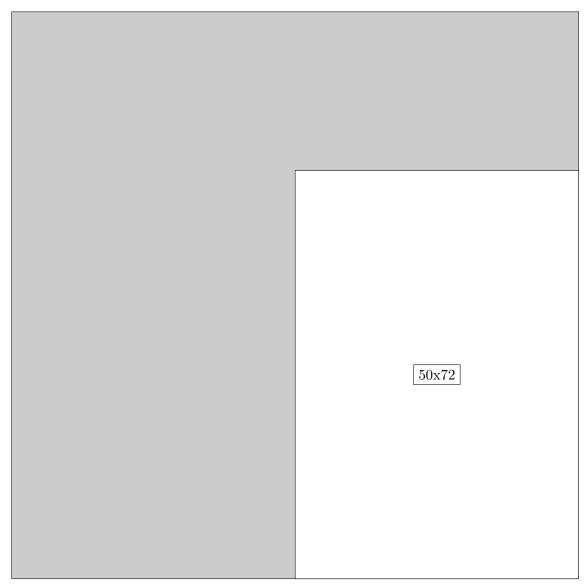
$$\begin{array}{l} w = \! 75 \ , \ h = \! 76 \ , \ x = \! 25 \ , \ y = \! 0 \ , \ v = \! 5700 \\ w = \! 23 \ , \ h = \! 79 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 1817 \end{array}$$



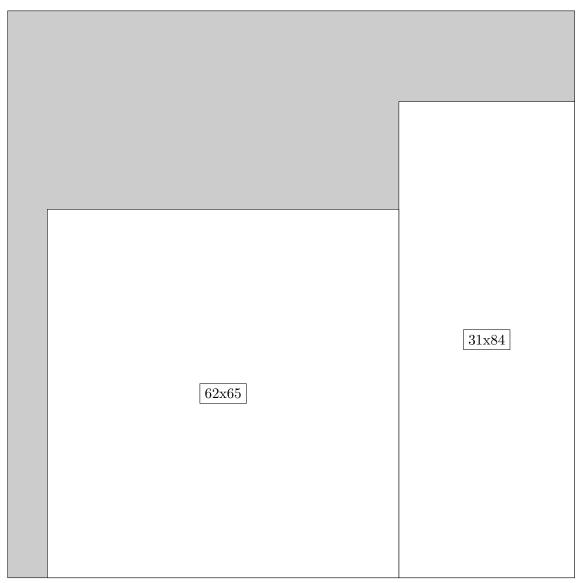
 $\le =89$, h =95 , x =11 , y =0 , v = 8455



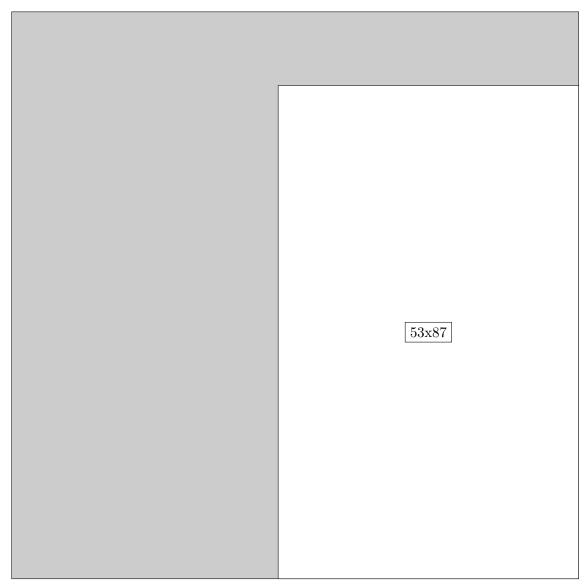
$$\begin{array}{l} w = \!\!\! 77 \ , \ h = \!\!\! 42 \ , \ x = \!\!\! 23 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 3234 \\ w = \!\!\! 71 \ , \ h = \!\!\! 57 \ , \ x = \!\!\! 29 \ , \ y = \!\!\! 43 \ , \ v = \!\!\! 4047 \end{array}$$



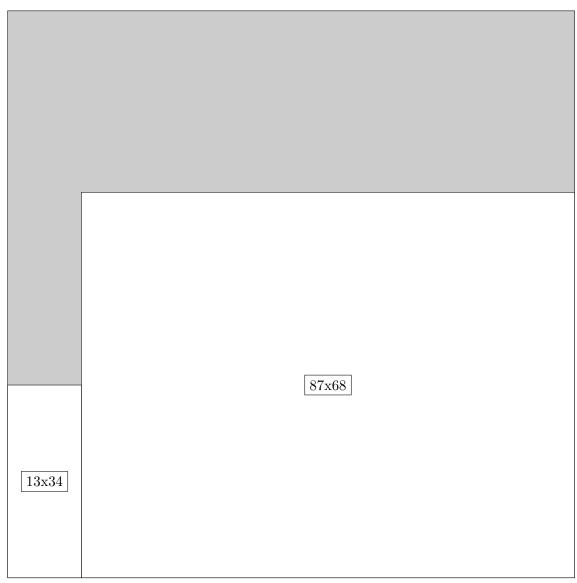
 $\le =50$, h =72 , x =50 , y =0 , v =3600



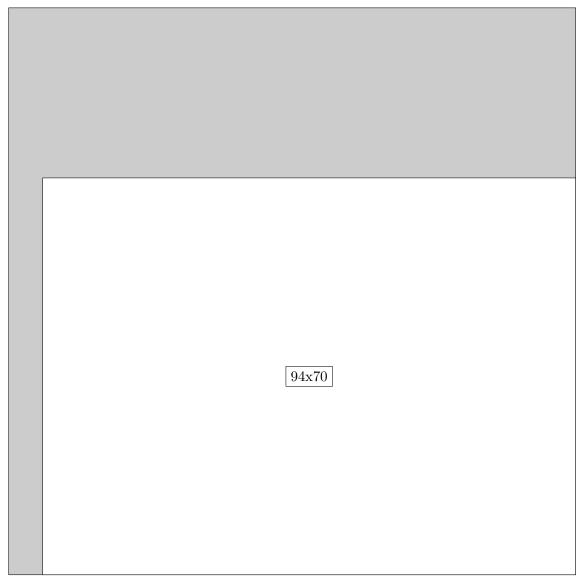
$$\begin{array}{l} w = \! 31 \ , \ h = \! 84 \ , \ x = \! 69 \ , \ y = \! 0 \ , \ v = \! 2604 \\ w = \! 62 \ , \ h = \! 65 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 4030 \end{array}$$



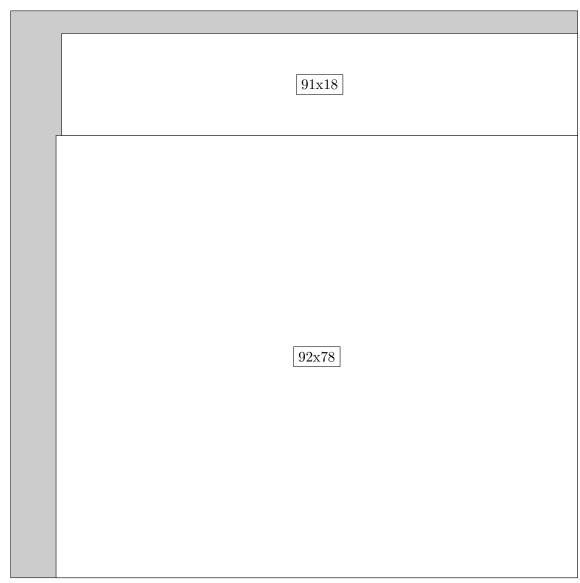
 $\le =53$, h =87 , x =47 , y =0 , v =4611

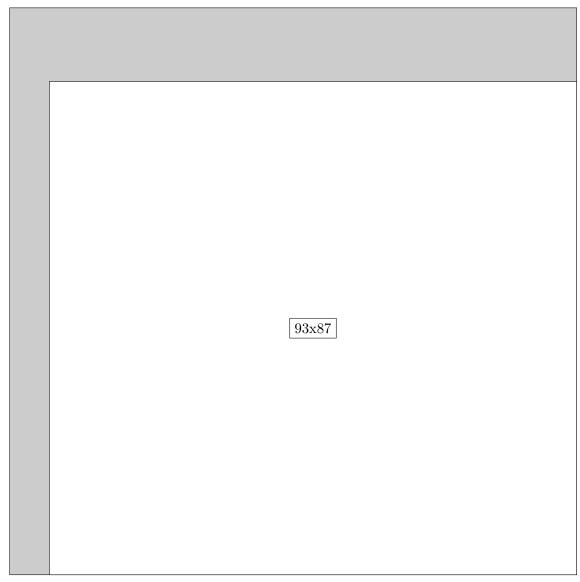


$$\begin{array}{l} w = \! 87 \ , \ h = \! 68 \ , \ x = \! 13 \ , \ y = \! 0 \ , \ v = \! 5916 \\ w = \! 13 \ , \ h = \! 34 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 442 \end{array}$$

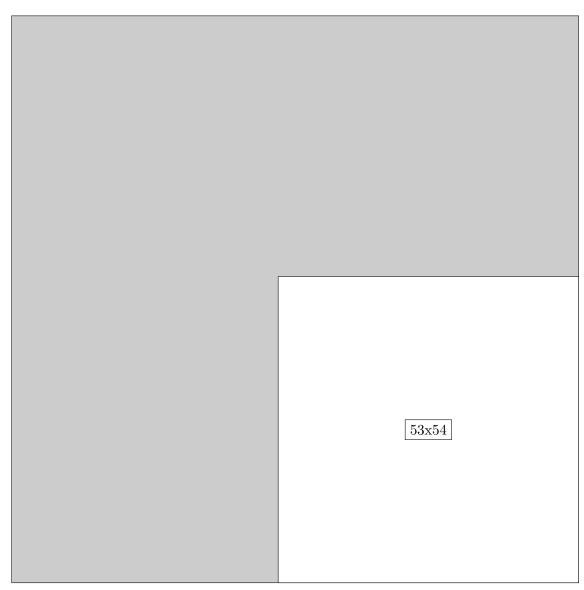


 $\le =94$, h =70 , x =6 , y =0 , v =6580

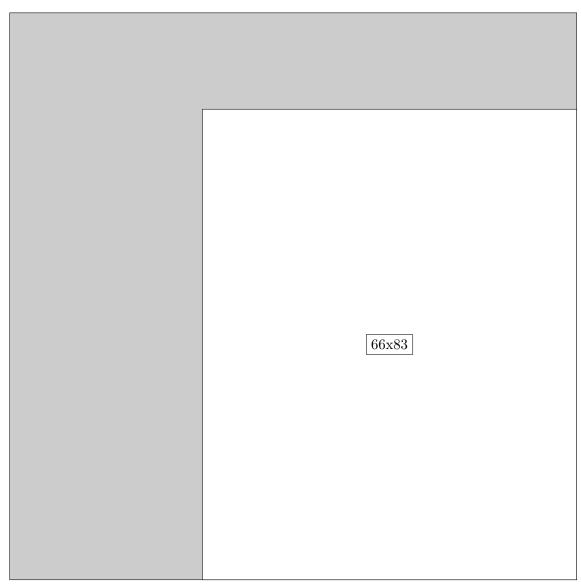




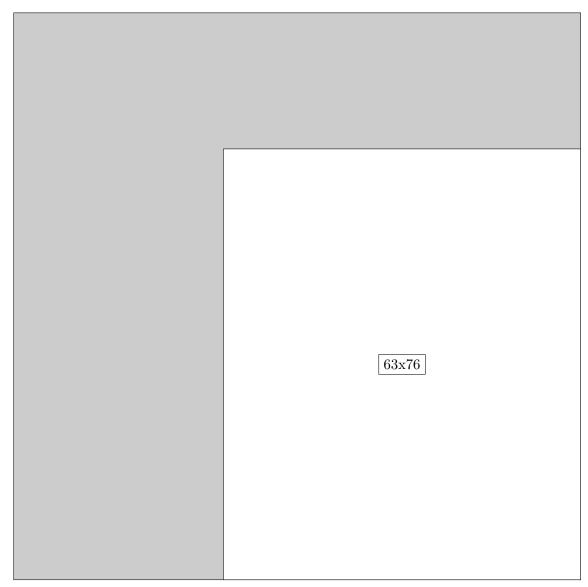
 ≤ -93 , h =87 , x =7 , y =0 , v =8091



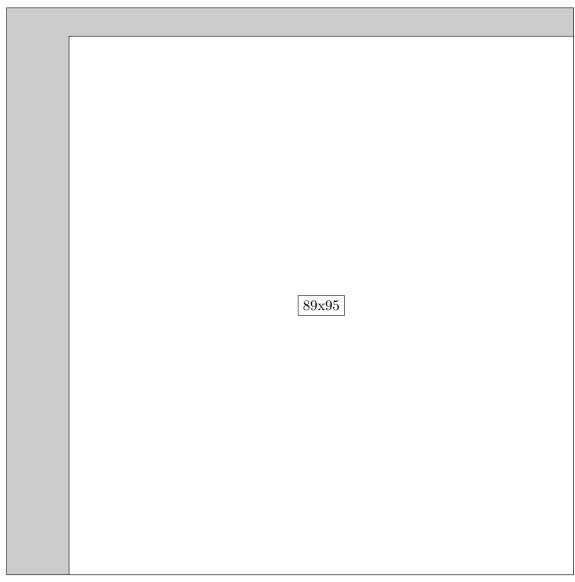
 $\le =53$, h =54 , x =47 , y =0 , v =2862



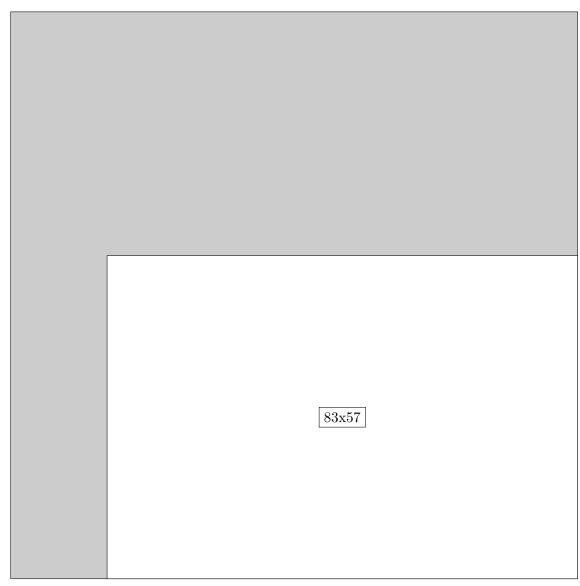
 $\le =66$, h =83 , x =34 , y =0 , v =5478



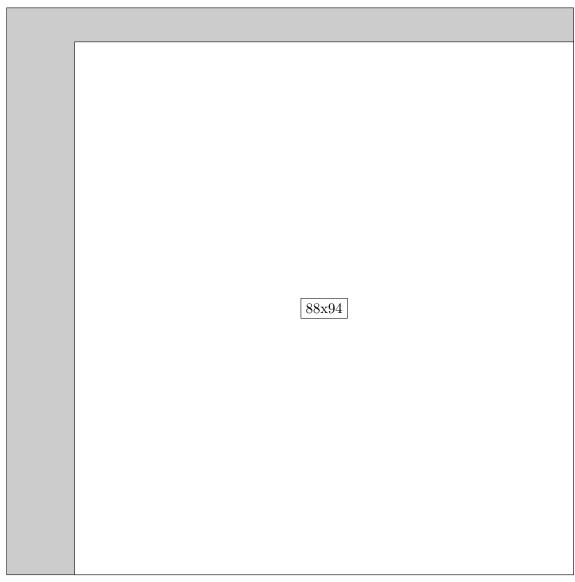
 $\le =63$, h=76 , x=37 , y=0 , v=4788



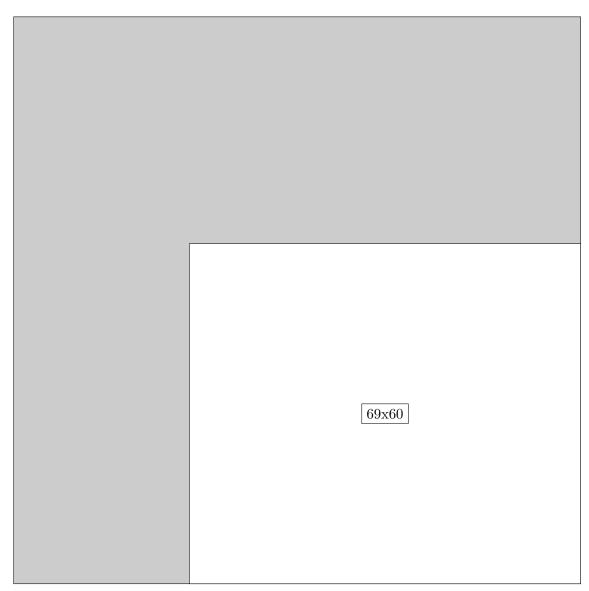
 $\le =89$, h =95 , x =11 , y =0 , v = 8455



 $\le =83$, h =57 , x =17 , y =0 , v =4731



 $\le =88$, h =94 , x =12 , y =0 , v =8272



 $\le =69$, h=60 , x=31 , y=0 , v=4140