$ClassName: \ Class\_09.2bp-13$ 

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

TypeNum: <u>40</u> Num: <u>40</u> OutS: <u>310000</u> InS: <u>187017</u> Rate: <u>0.603</u> UB: <u>31</u>

LB0: <u>31</u> LB: <u>31</u>

LBWithCut:  $\underline{\bf 31}$ NodeCut:  $\underline{\bf 0}$ 

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

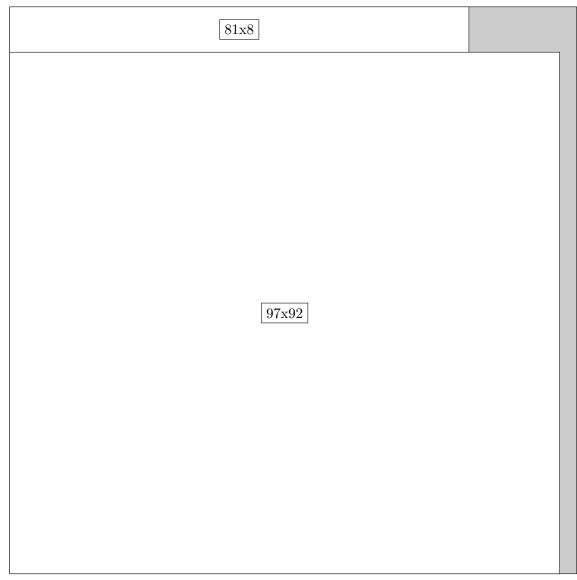
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{31}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

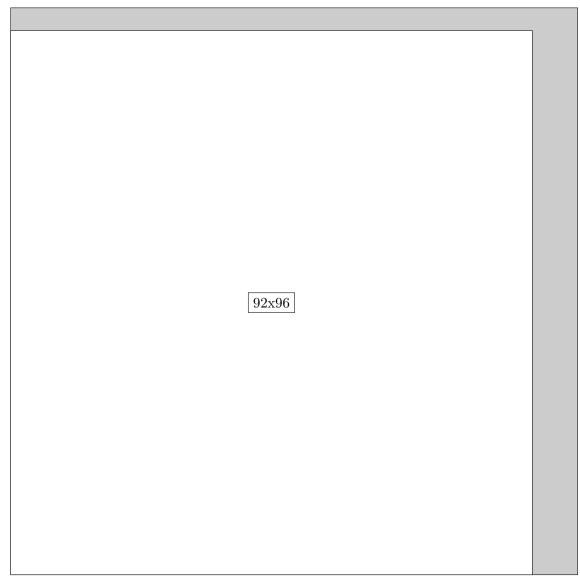
isOpt:  $\underline{\mathbf{true}}$ 

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 0.141 s

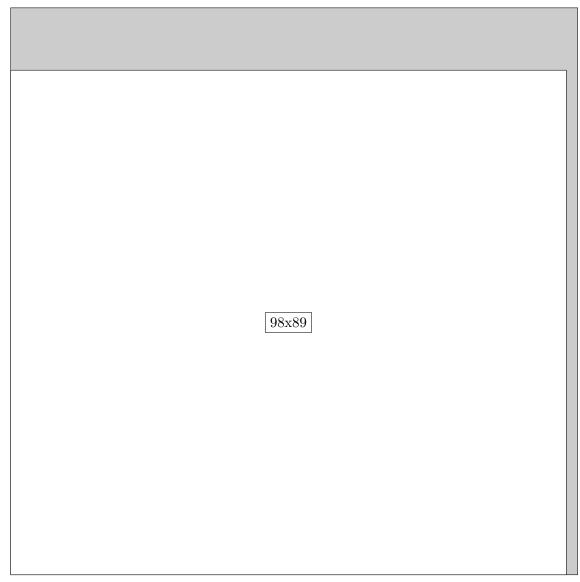


w = 99, h = 97, x = 0, y = 0, v = 9603

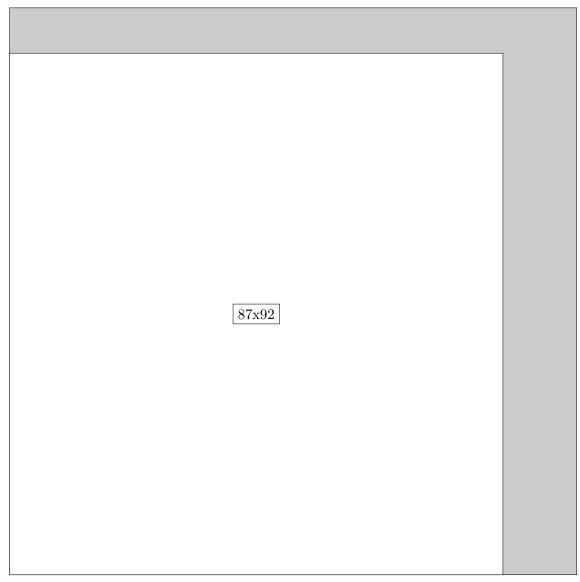




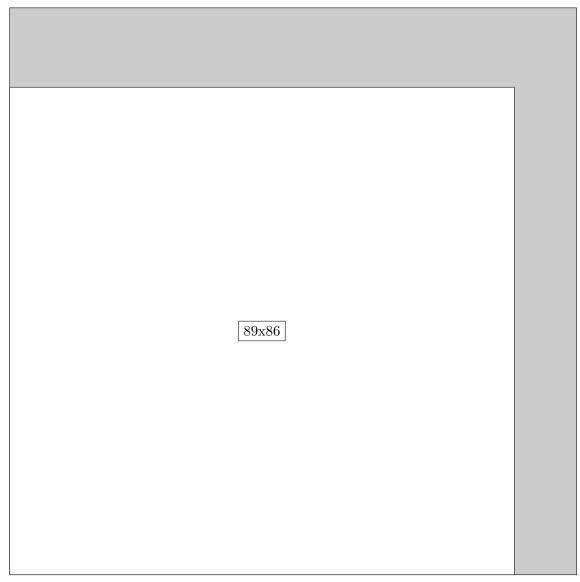
 $\le =92$  , h =96 , x =0 , y =0 , v =8832



 $\le =98$  , h =89 , x =0 , y =0 , v =8722

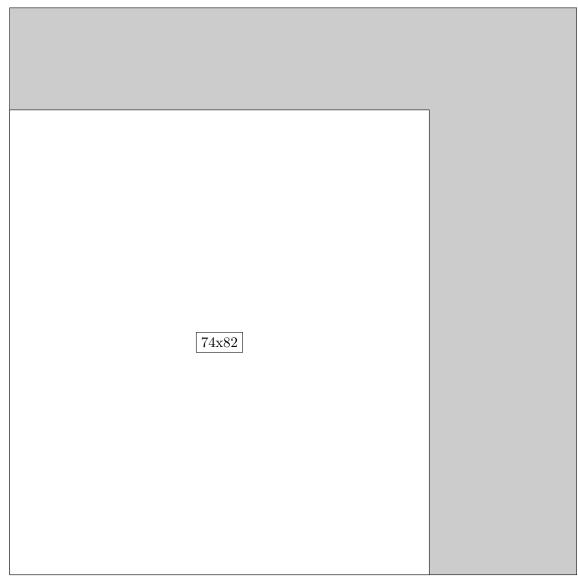


w = 87, h = 92, x = 0, y = 0, v = 8004

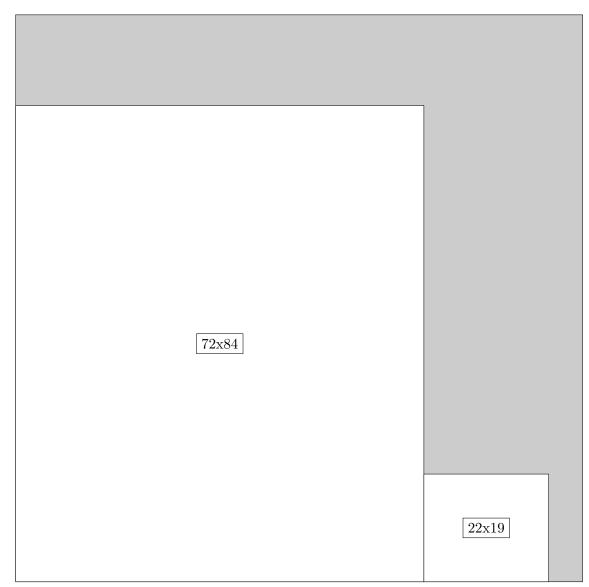


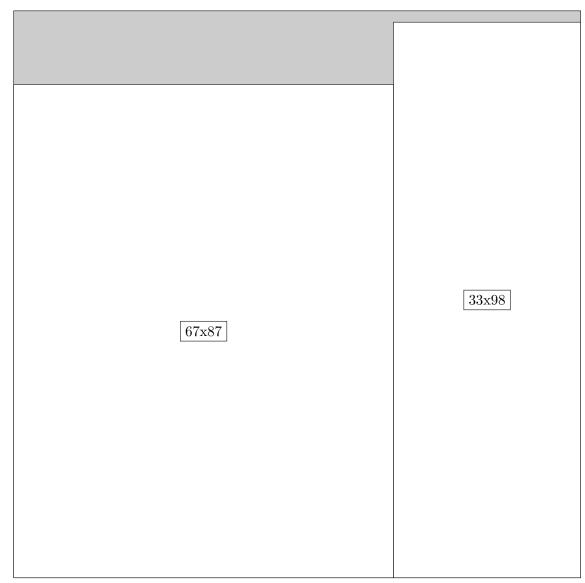
 $\le =89$  , h =86 , x =0 , y =0 , v =7654



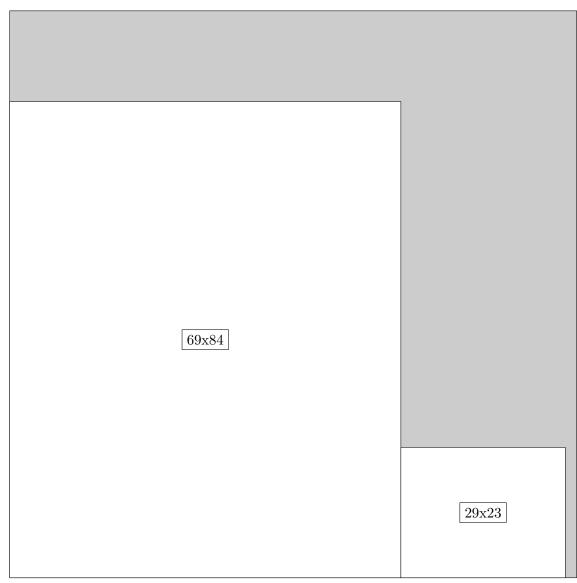


w = 74, h = 82, x = 0, y = 0, v = 6068

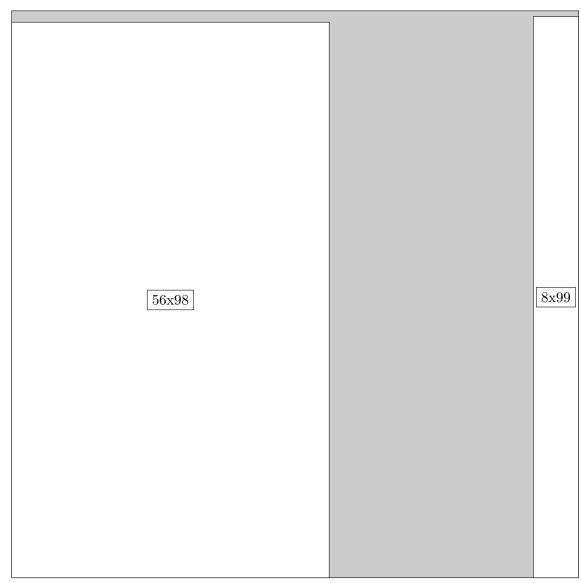




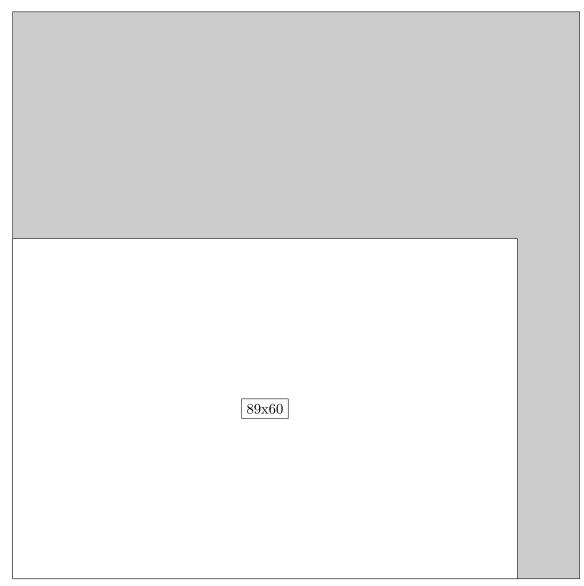
$$\begin{array}{c} w = \!\!67 \; , \; h = \!\!87 \; , \; x = \!\!0 \; , \; y = \!\!0 \; , \; v = \!\!5829 \\ w = \!\!33 \; , \; h = \!\!98 \; , \; x = \!\!67 \; , \; y = \!\!0 \; , \; v = \!\!3234 \\ \end{array}$$



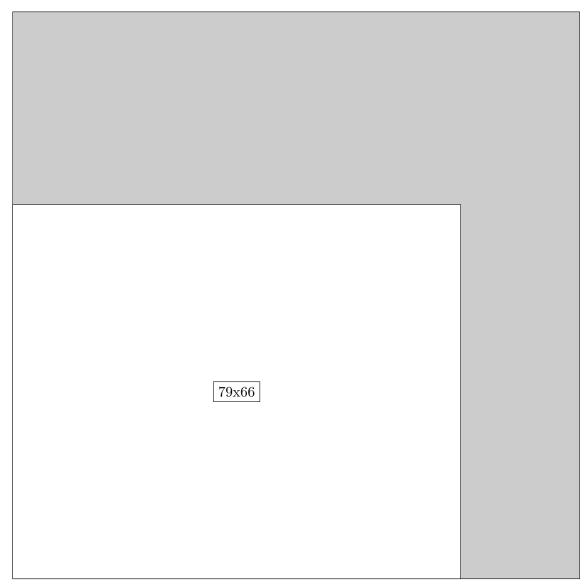
$$\begin{array}{c} w = 69 \; , \; h = 84 \; , \; x = 0 \; , \; y = 0 \; , \; v = 5796 \\ w = 29 \; , \; h = 23 \; , \; x = 69 \; , \; y = 0 \; , \; v = 667 \end{array}$$



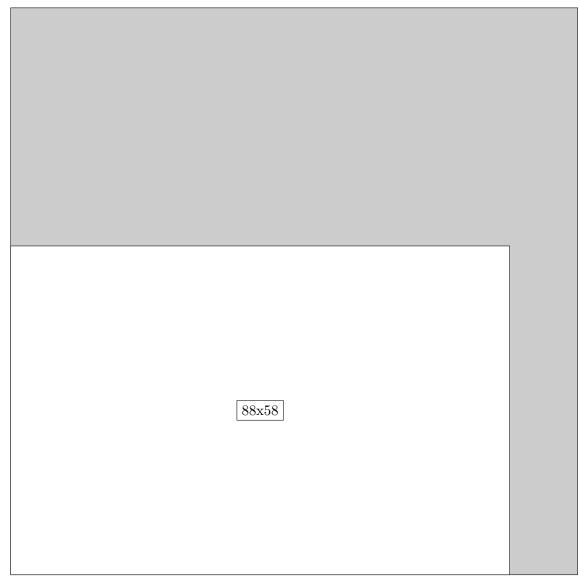
w = 56, h = 98, x = 0, y = 0, v = 5488 w = 8, h = 99, x = 92, y = 0, v = 792



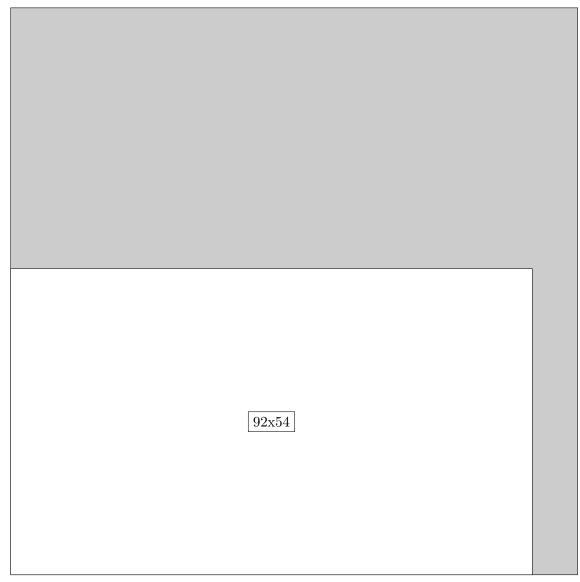
 $\le =89$  , h =60 , x =0 , y =0 , v =5340



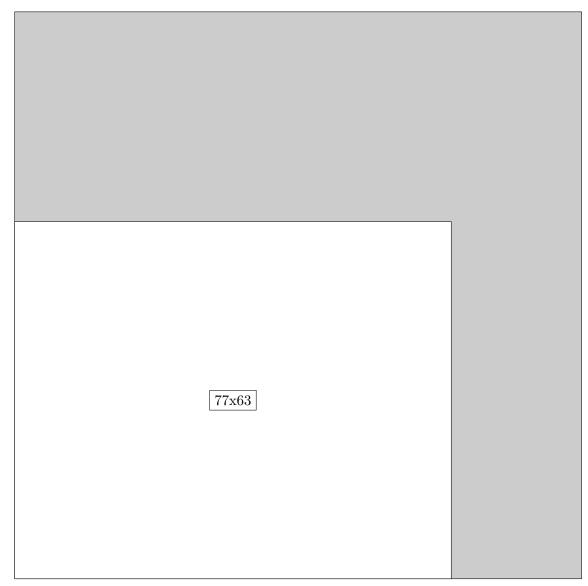
w = 79, h = 66, x = 0, y = 0, v = 5214



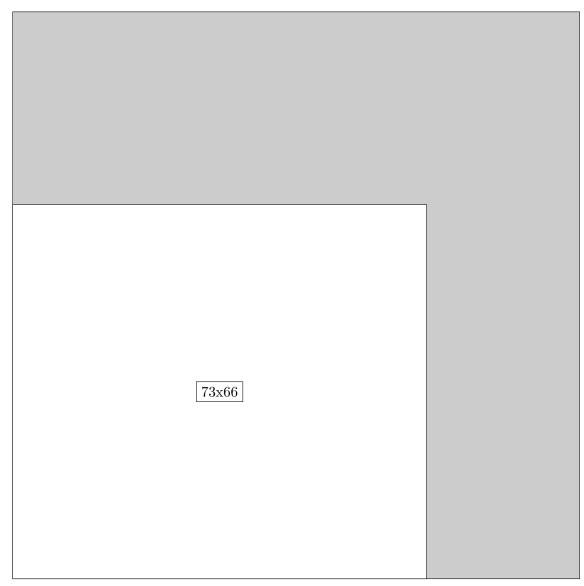
 $\le =88$  , h =58 , x =0 , y =0 , v =5104



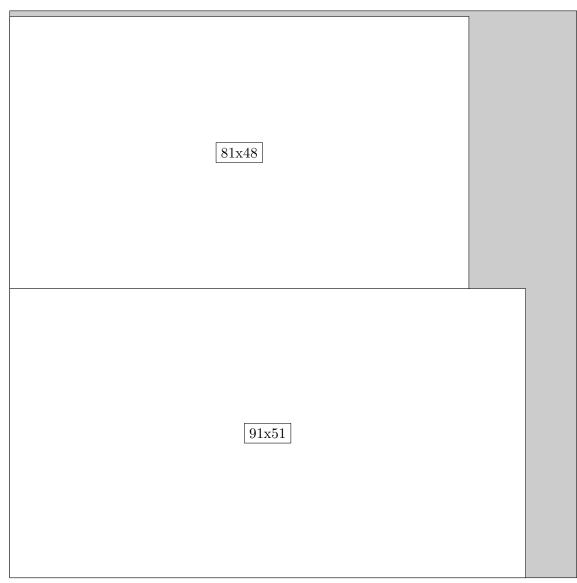
w = 92, h = 54, x = 0, y = 0, v = 4968



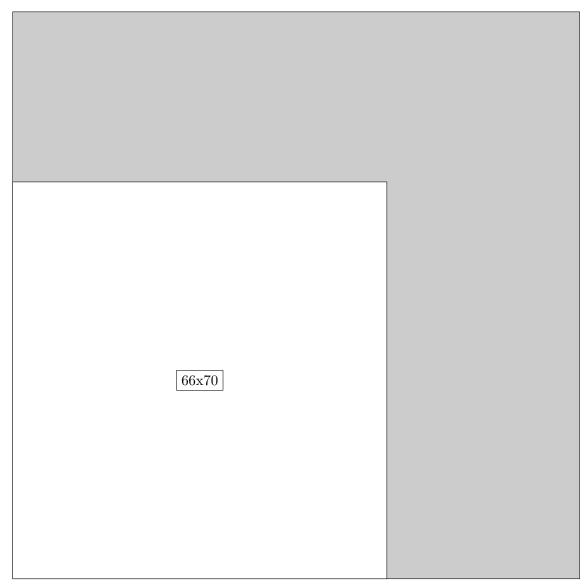
 $\mathbf{w}$  =77 , h =63 , x =0 , y =0 , v =4851



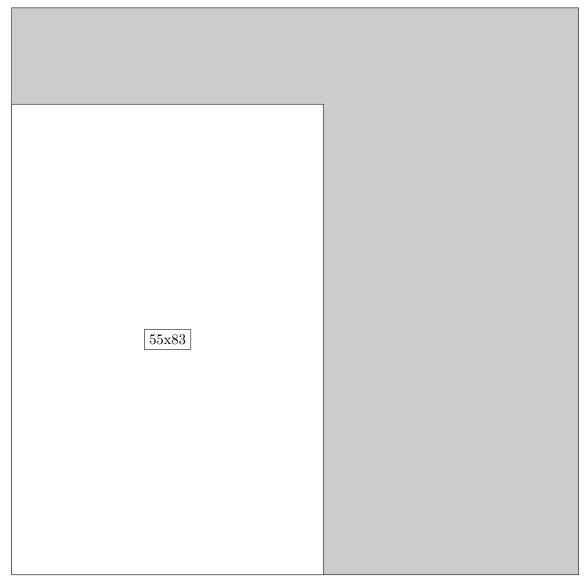
 $\overline{\rm w}$  =73 , h =66 , x =0 , y =0 , v =4818



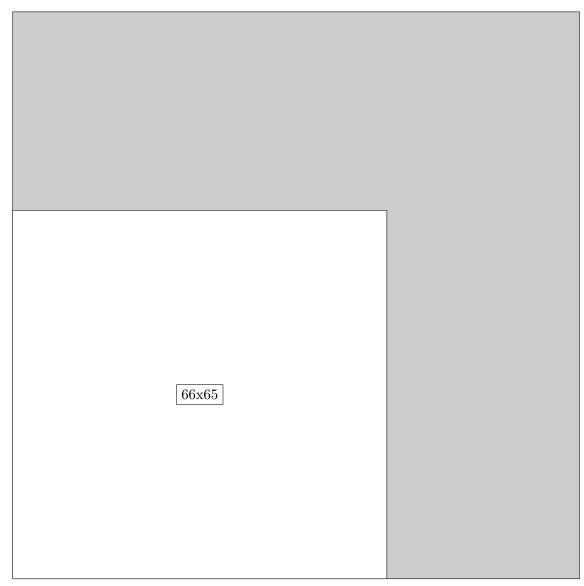
$$\begin{array}{l} w = \! 91 \ , \ h = \! 51 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4641 \\ w = \! 81 \ , \ h = \! 48 \ , \ x = \! 0 \ , \ y = \! 51 \ , \ v = \! 3888 \end{array}$$



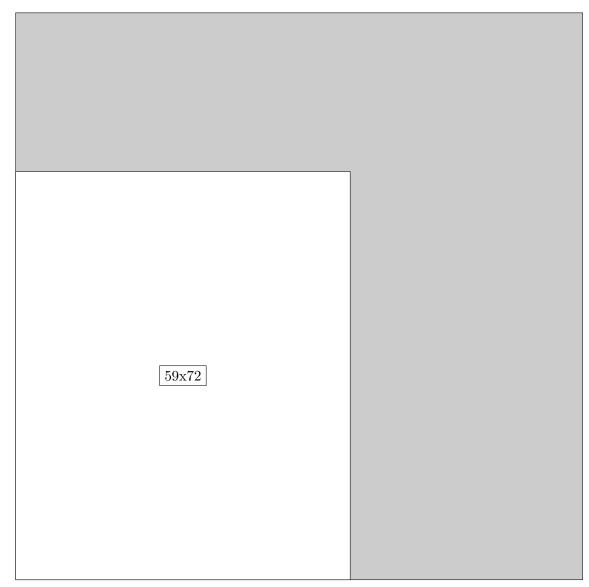
w = 66, h = 70, x = 0, y = 0, v = 4620



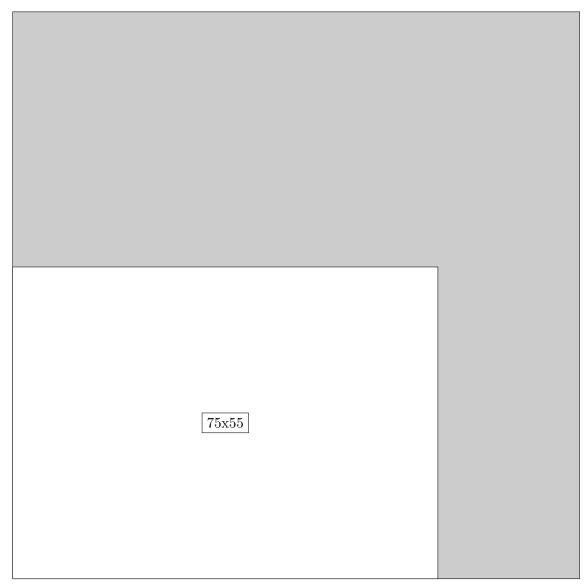
w = 55, h = 83, x = 0, y = 0, v = 4565



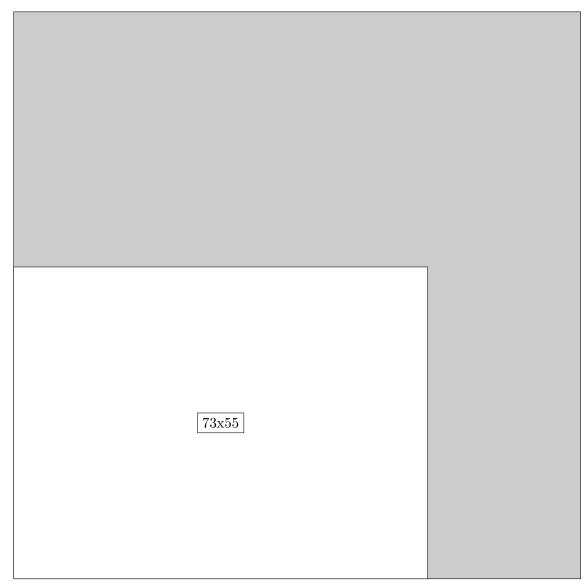
w = 66, h = 65, x = 0, y = 0, v = 4290



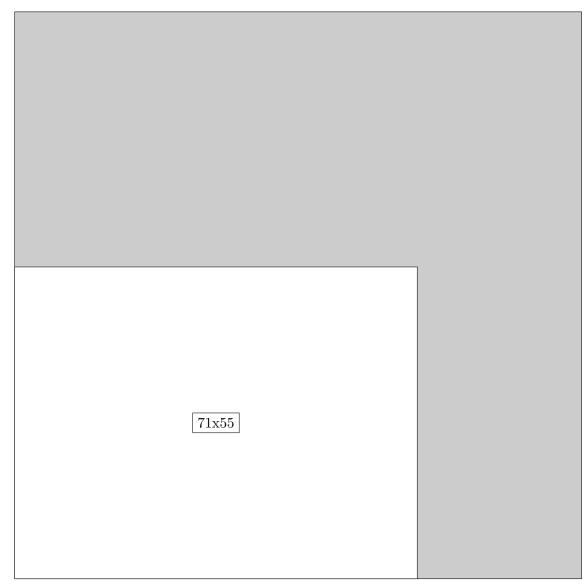
w = 59, h = 72, x = 0, y = 0, v = 4248



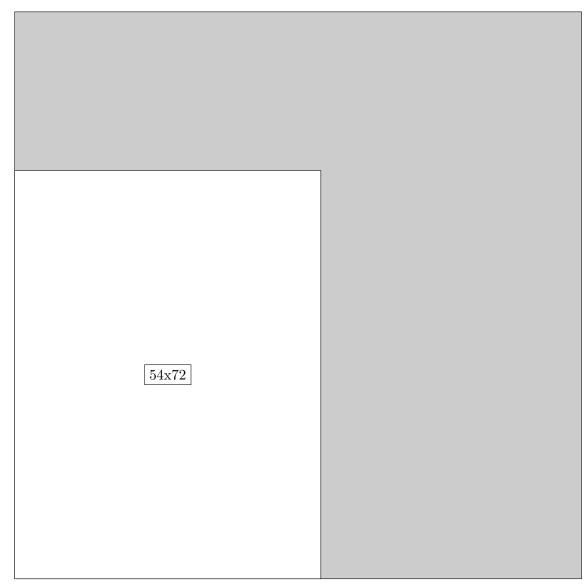
w = 75, h = 55, x = 0, y = 0, v = 4125



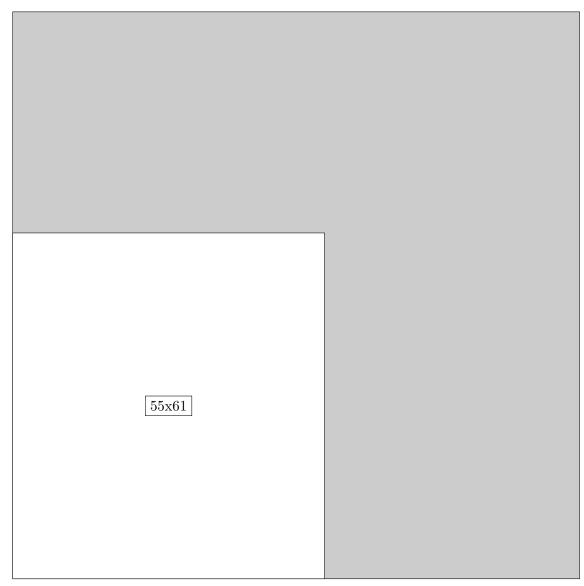
 $\overline{\mathbf{w}=}73$  , h =55 , x =0 , y =0 , v =4015



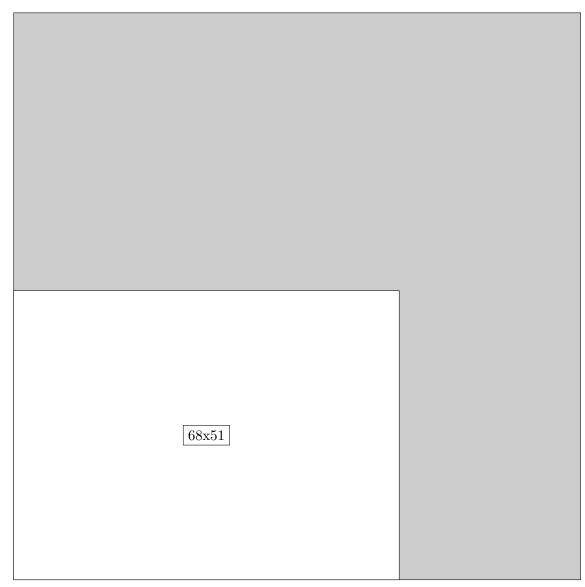
 $\overline{\mathbf{w}}$  =71 , h =55 , x =0 , y =0 , v =3905



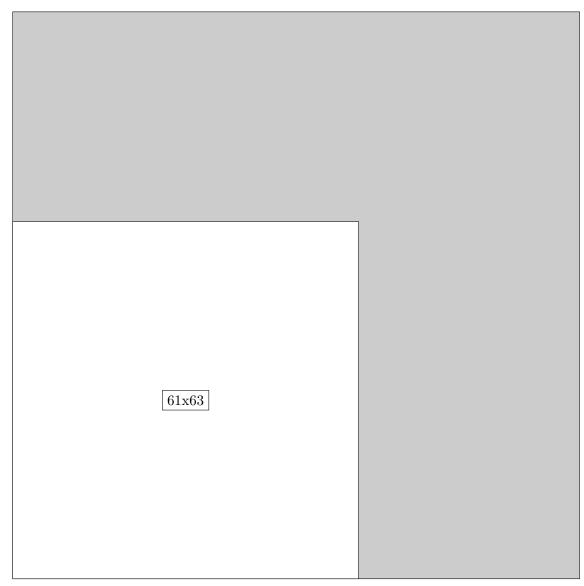
w = 54, h = 72, x = 0, y = 0, v = 3888



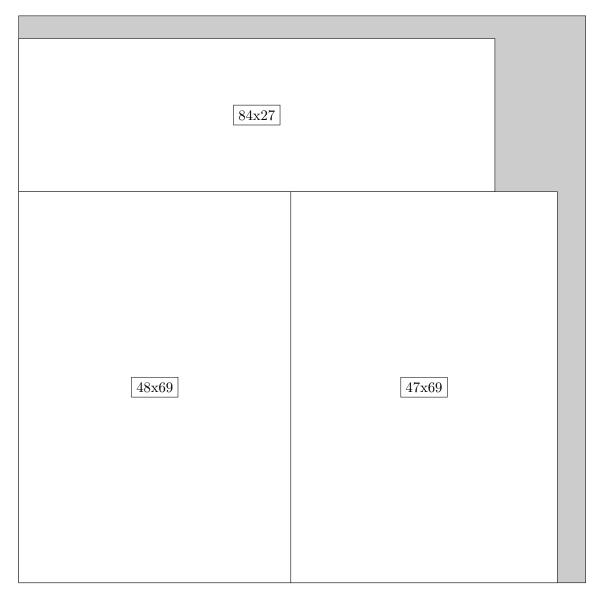
w = 55, h = 61, x = 0, y = 0, v = 3355



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



 $\overline{\mathbf{w}} = 61$ ,  $\mathbf{h} = 63$ ,  $\mathbf{x} = 0$ ,  $\mathbf{y} = 0$ ,  $\mathbf{v} = 3843$ 



$$w = 48$$
,  $h = 69$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3312$ 

$$\le =47$$
 , h =69 , x =48 , y =0 , v =3243

$$\le =84$$
 , h =27 , x =0 , y =69 , v =2268