$ClassName: \ Class_09.2bp-13$

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

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

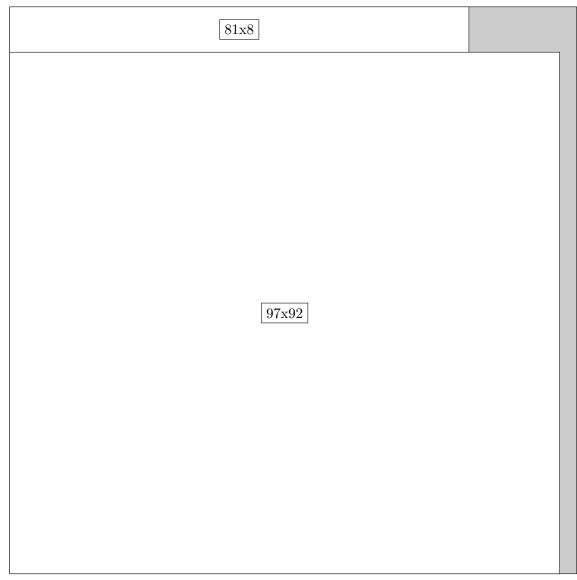
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{31}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

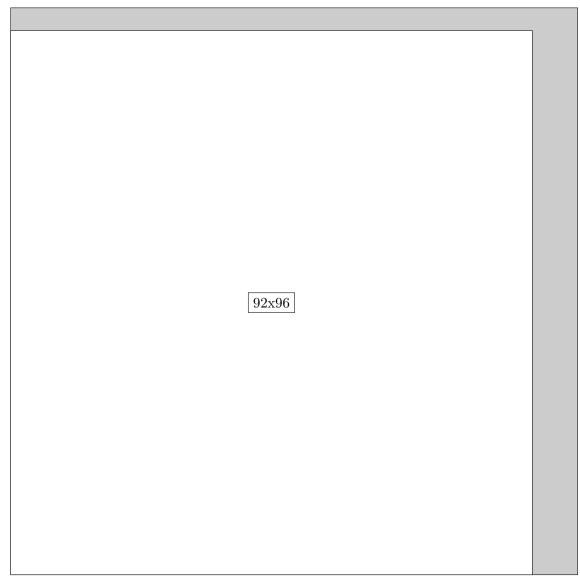
isOpt: **true**

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.020 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.078 \ s} \\ {\rm TotalTime:} \ \underline{0.176 \ s} \\ \end{array}$

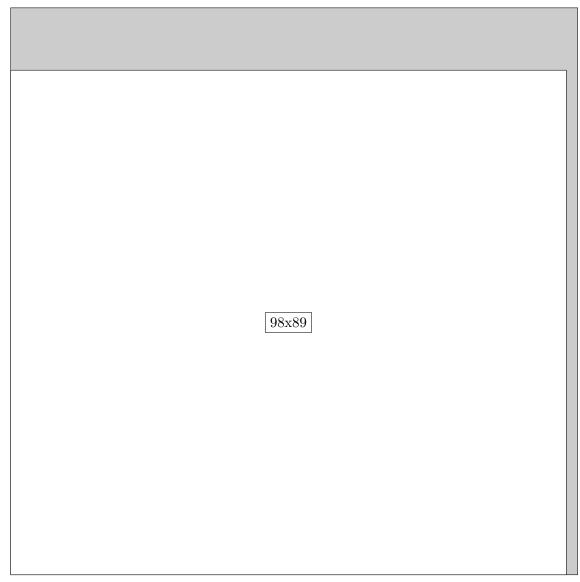


w = 99, h = 97, x = 0, y = 0, v = 9603

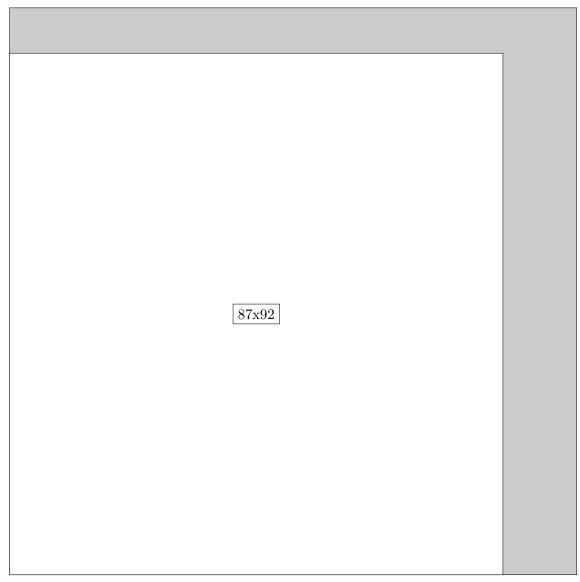




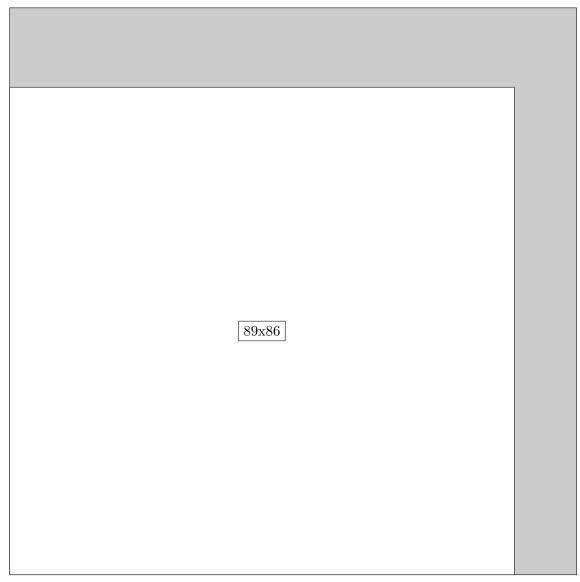
 $\le =92$, h =96 , x =0 , y =0 , v =8832



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

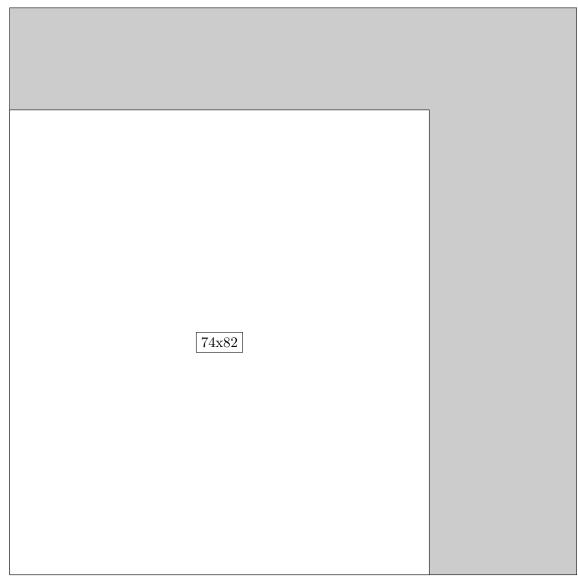


w = 87, h = 92, x = 0, y = 0, v = 8004

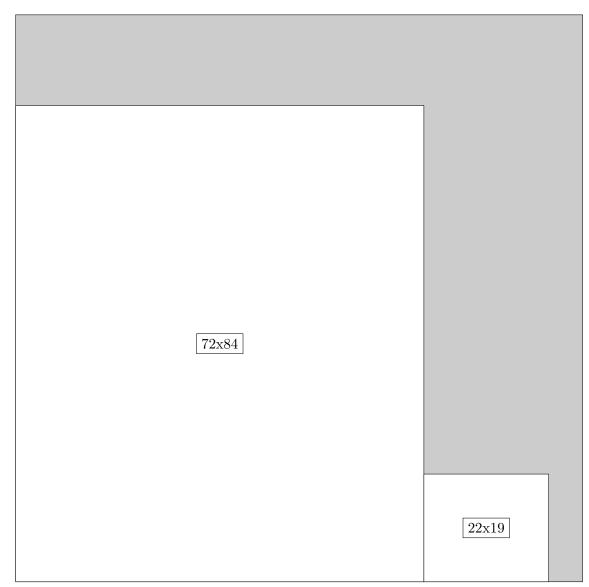


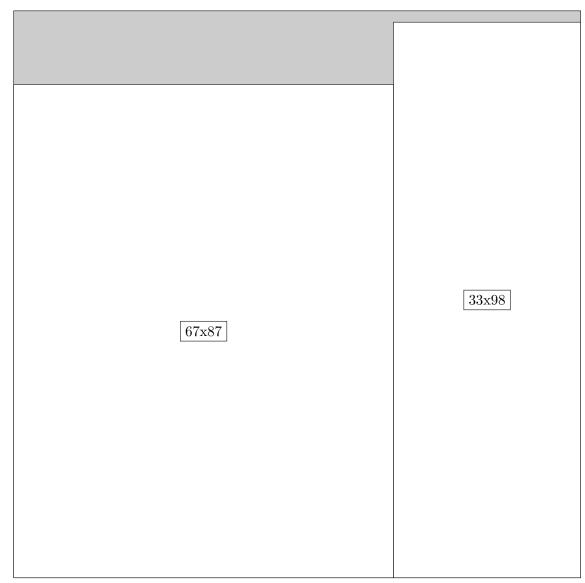
 $\le =89$, h =86 , x =0 , y =0 , v =7654



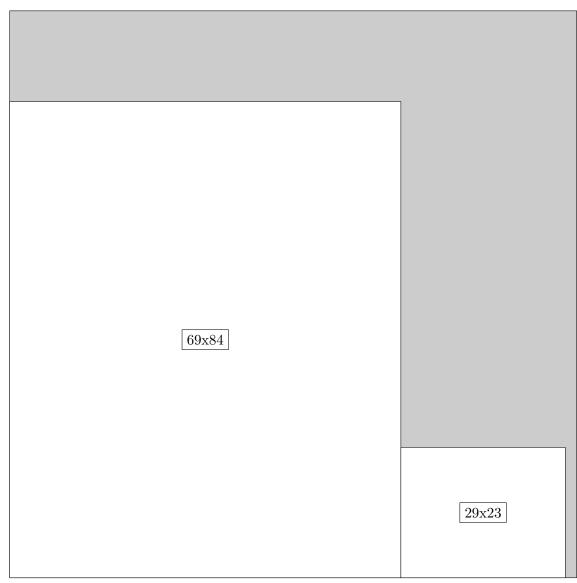


w = 74, h = 82, x = 0, y = 0, v = 6068

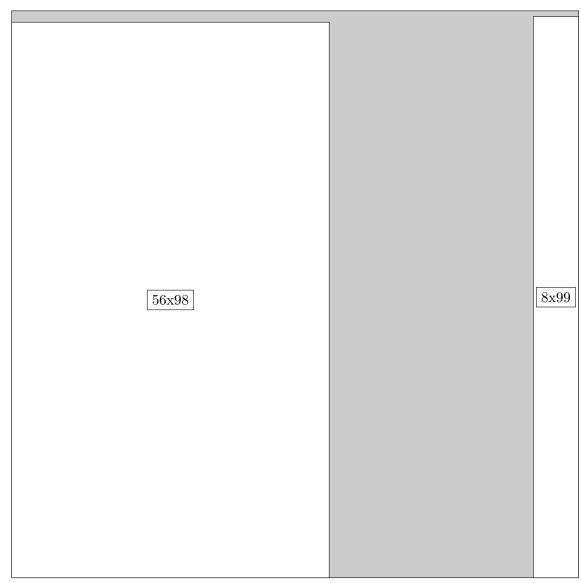




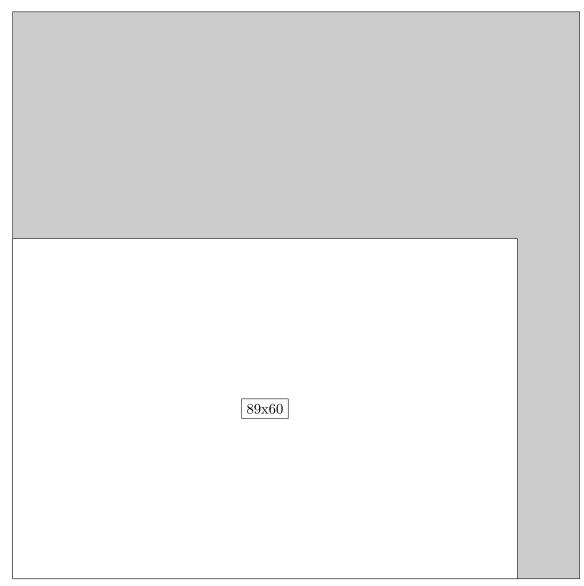
$$\begin{array}{c} w = \!\!67 \; , \; h = \!\!87 \; , \; x = \!\!0 \; , \; y = \!\!0 \; , \; v = \!\!5829 \\ w = \!\!33 \; , \; h = \!\!98 \; , \; x = \!\!67 \; , \; y = \!\!0 \; , \; v = \!\!3234 \\ \end{array}$$



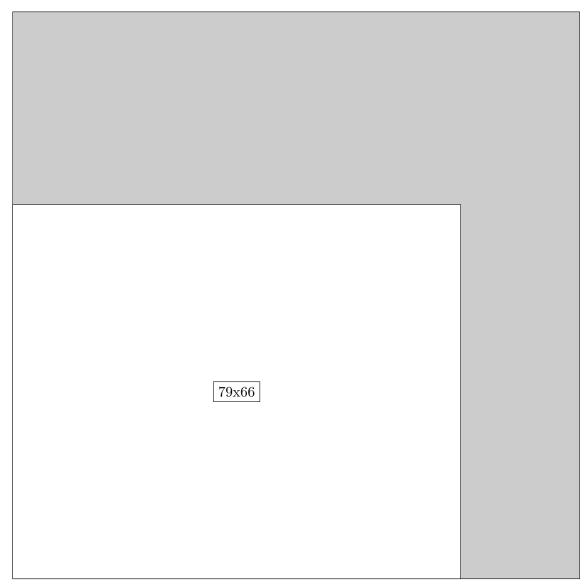
$$\begin{array}{c} w = 69 \; , \; h = 84 \; , \; x = 0 \; , \; y = 0 \; , \; v = 5796 \\ w = 29 \; , \; h = 23 \; , \; x = 69 \; , \; y = 0 \; , \; v = 667 \end{array}$$



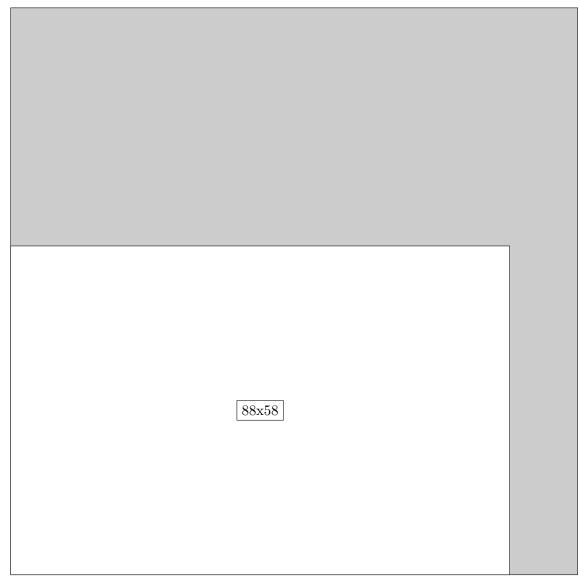
w = 56, h = 98, x = 0, y = 0, v = 5488 w = 8, h = 99, x = 92, y = 0, v = 792



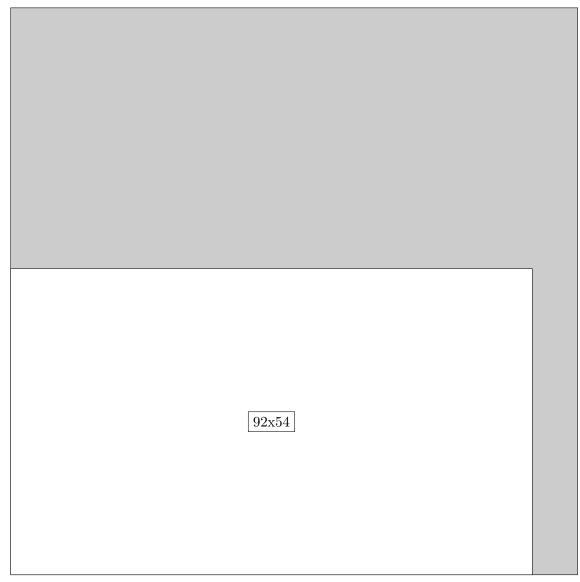
 $\le =89$, h =60 , x =0 , y =0 , v =5340



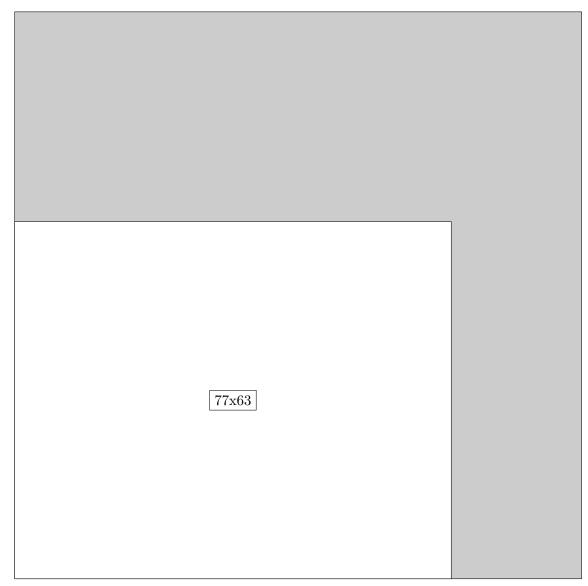
w = 79, h = 66, x = 0, y = 0, v = 5214



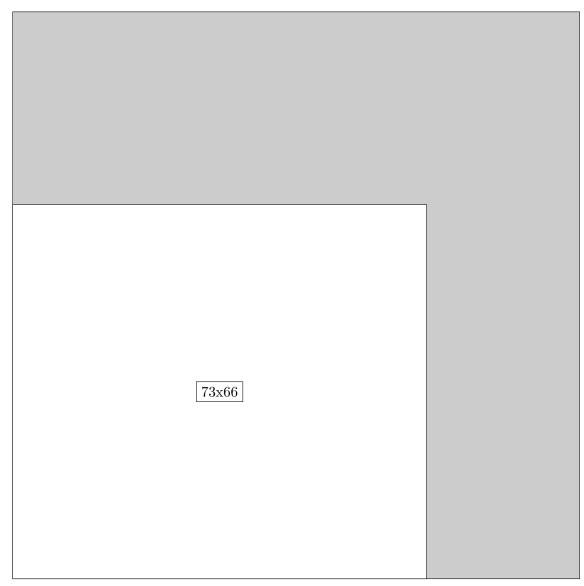
 $\le =88$, h =58 , x =0 , y =0 , v =5104



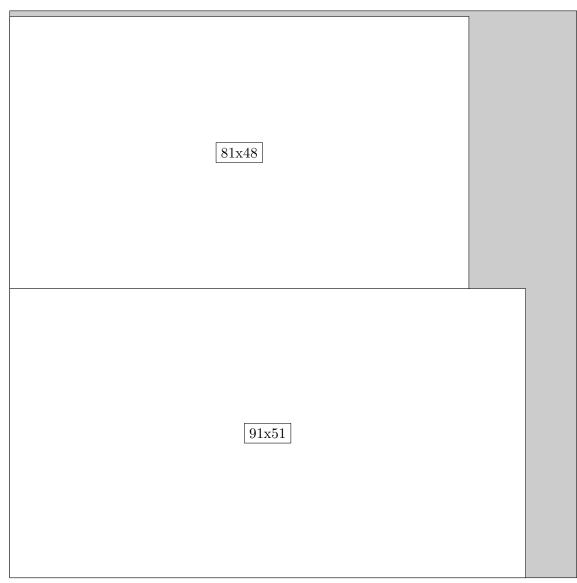
w = 92, h = 54, x = 0, y = 0, v = 4968



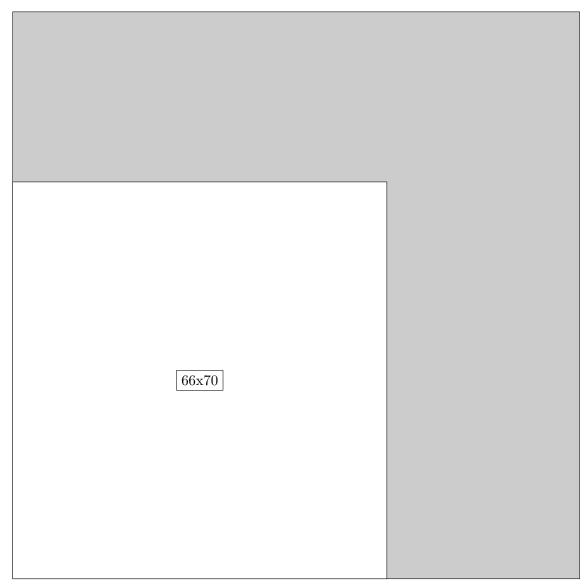
 \mathbf{w} =77 , h =63 , x =0 , y =0 , v =4851



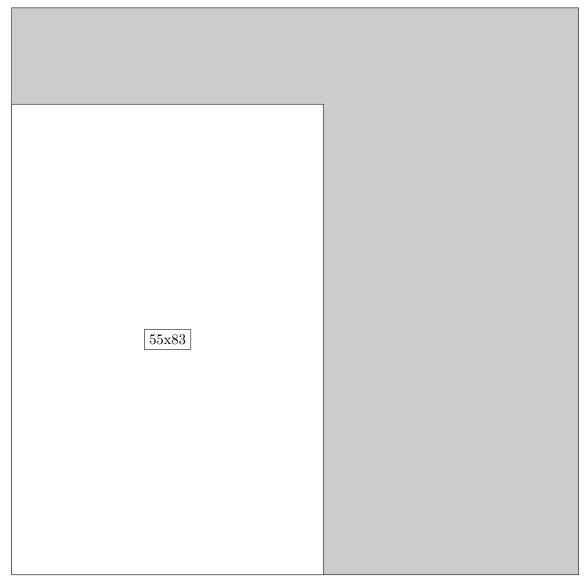
 $\overline{\rm w}$ =73 , h =66 , x =0 , y =0 , v =4818



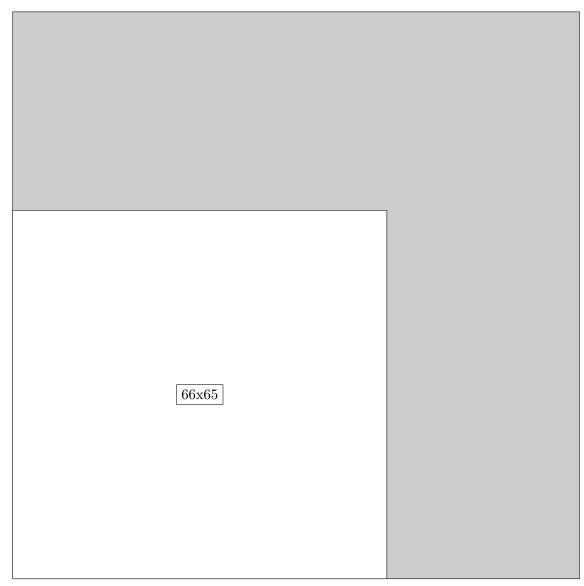
$$\begin{array}{l} w = \! 91 \ , \ h = \! 51 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4641 \\ w = \! 81 \ , \ h = \! 48 \ , \ x = \! 0 \ , \ y = \! 51 \ , \ v = \! 3888 \end{array}$$



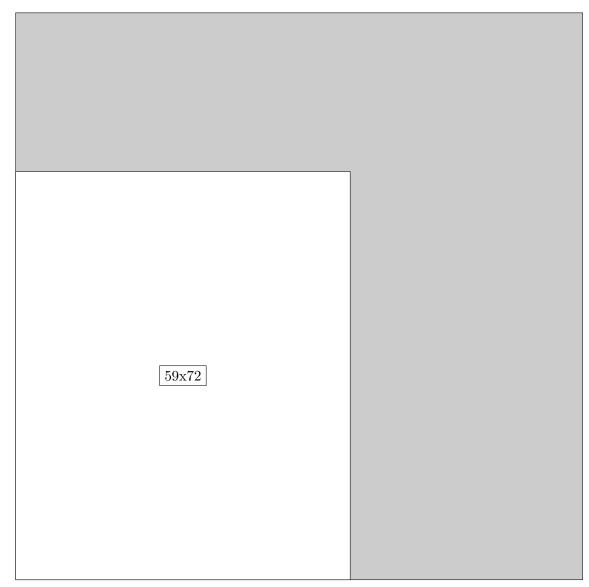
w = 66, h = 70, x = 0, y = 0, v = 4620



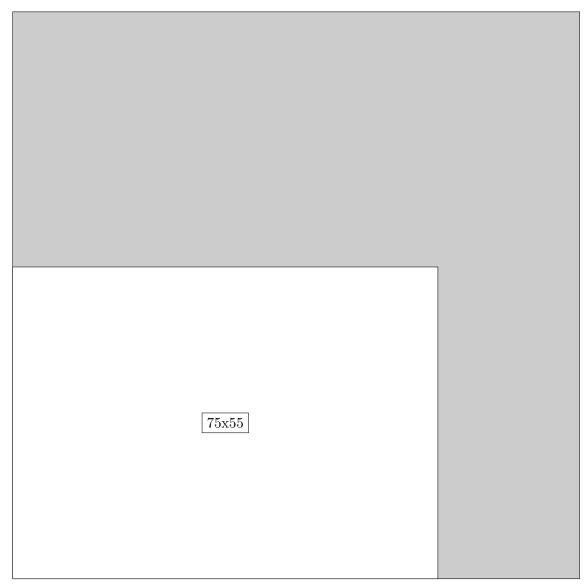
w = 55, h = 83, x = 0, y = 0, v = 4565



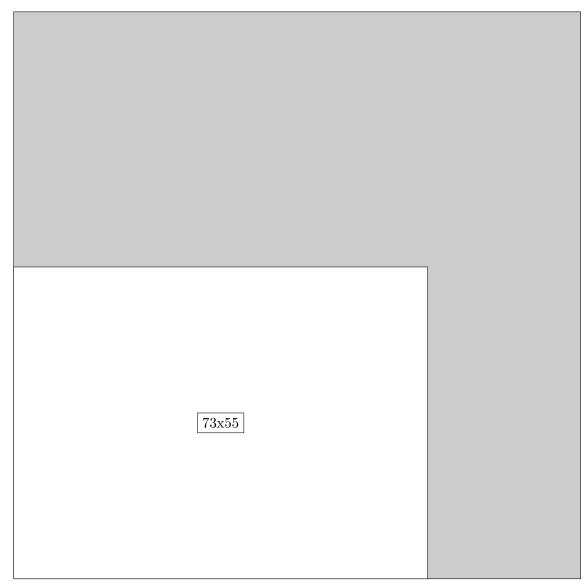
w = 66, h = 65, x = 0, y = 0, v = 4290



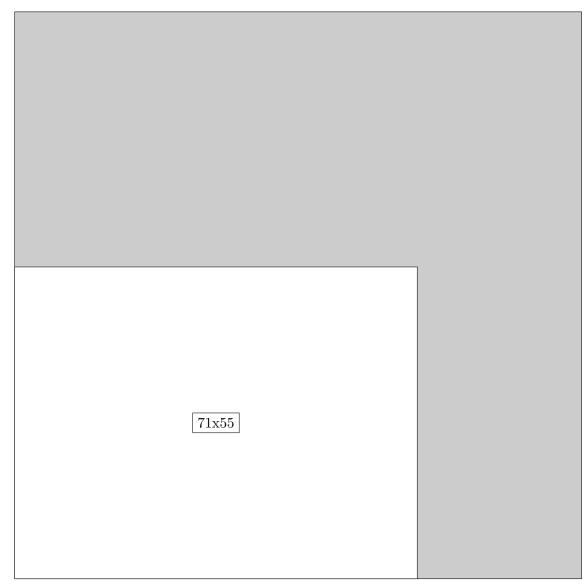
w = 59, h = 72, x = 0, y = 0, v = 4248



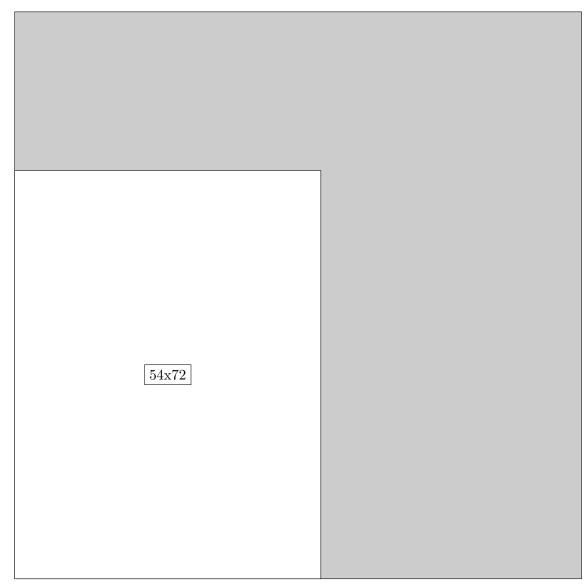
w = 75, h = 55, x = 0, y = 0, v = 4125



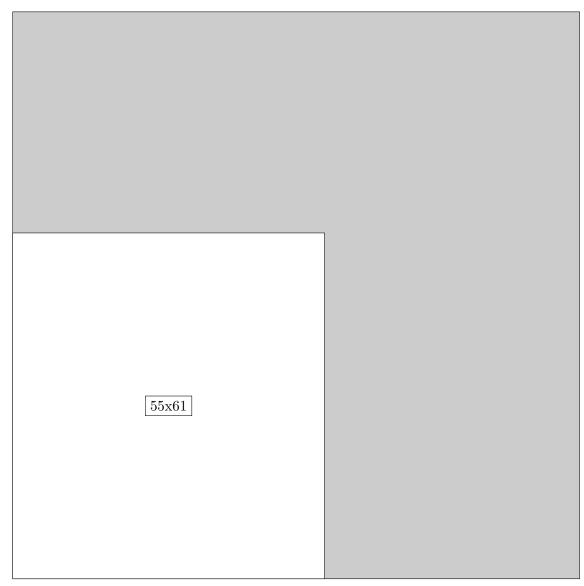
 $\overline{\mathbf{w}=}73$, h =55 , x =0 , y =0 , v =4015



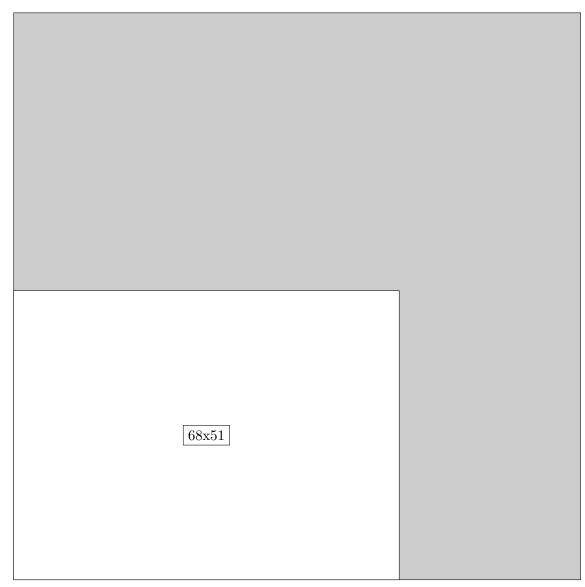
 $\overline{\mathbf{w}}$ =71 , h =55 , x =0 , y =0 , v =3905



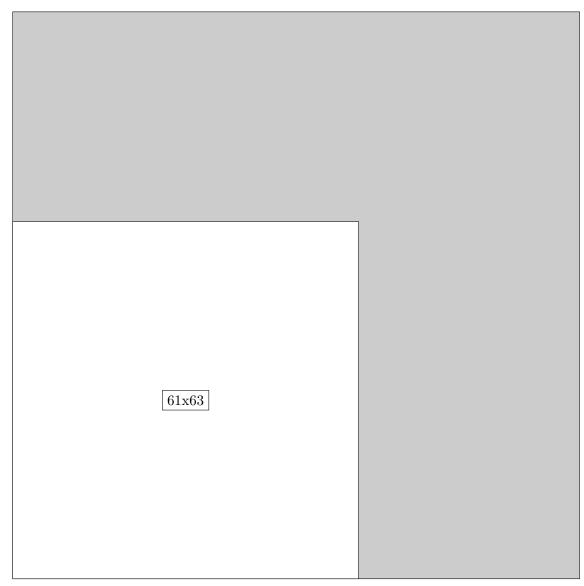
w = 54, h = 72, x = 0, y = 0, v = 3888



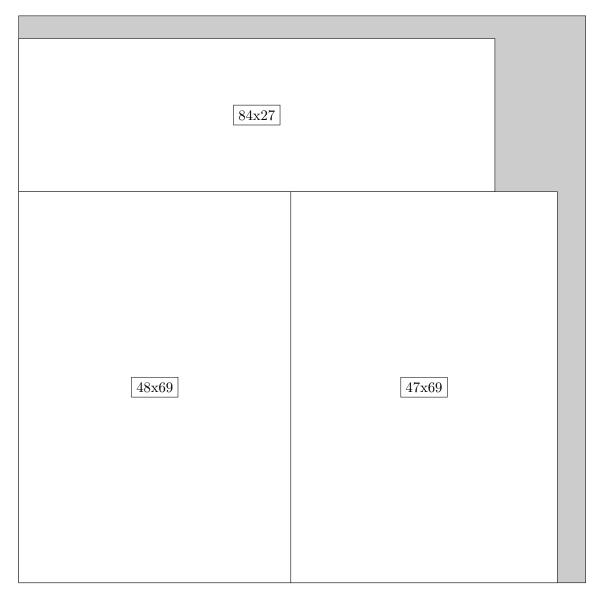
w = 55, h = 61, x = 0, y = 0, v = 3355



 $\le =68$, 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