${\bf ClassName:}~{\bf Class\_09.2bp\text{-}30}$ 

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

TypeNum: 79
Num: 80
OutS: 590000
InS: 350912
Rate: 0.595
UB: 59
LB0: 59

LBWithCut:  $\underline{\mathbf{59}}$ NodeCut:  $\underline{\mathbf{0}}$ 

LB: **59** 

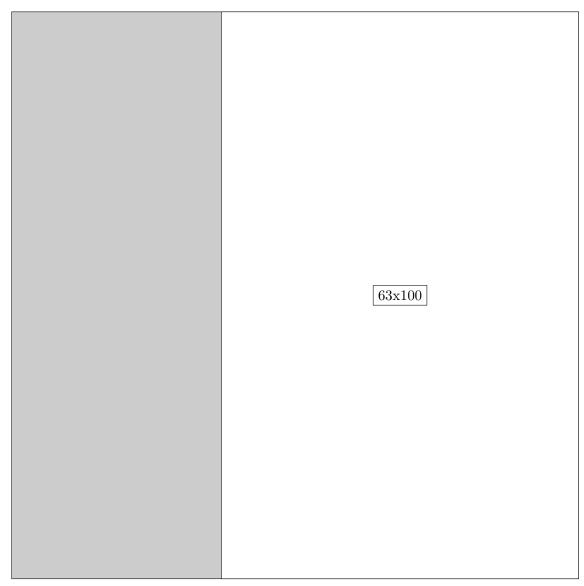
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{59}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

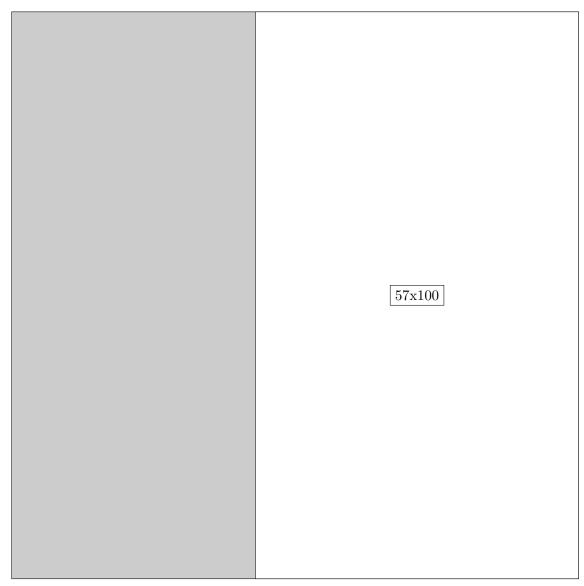
isOpt:  $\underline{\mathbf{true}}$ 

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

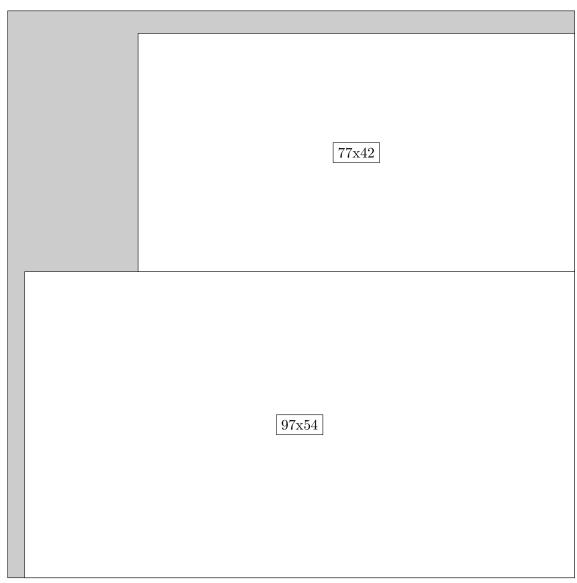
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 600.313 s



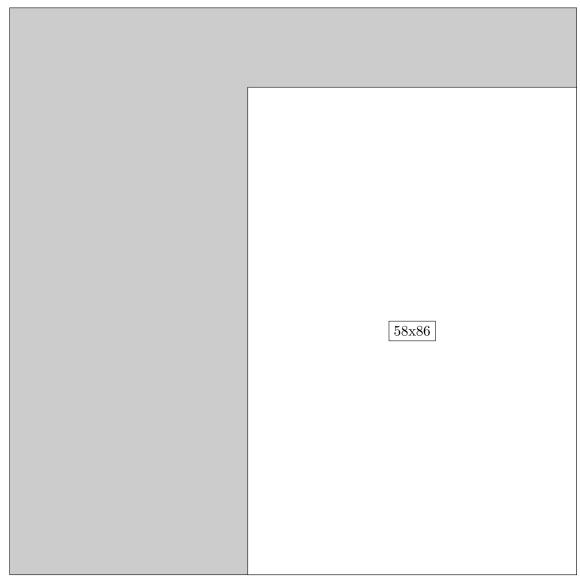
 $\le =63$  , h = 100 , x = 37 , y = 0 , v = 6300



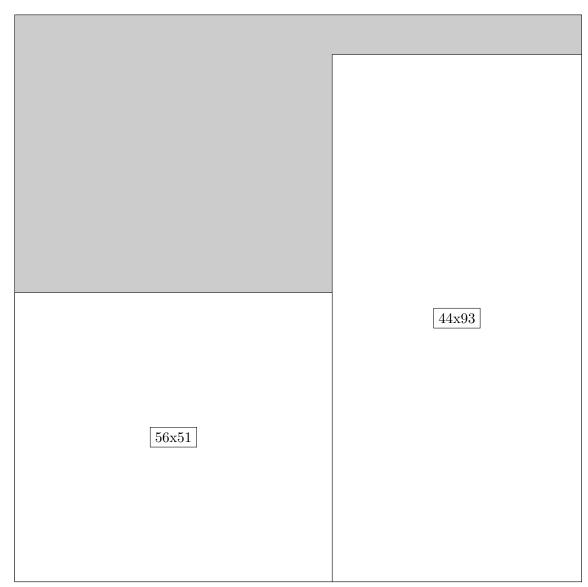
 $\le =57$  , h =100 , x =43 , y =0 , v =5700



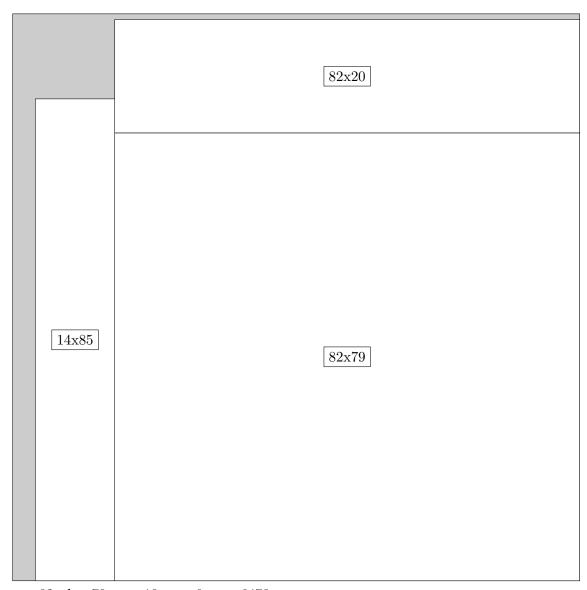
$$\begin{array}{l} w = 97 \; , \; h = \!\! 54 \; , \; x = \!\! 3 \; , \; y = \!\! 0 \; , \; v = \!\! 5238 \\ w = \!\! 77 \; , \; h = \!\! 42 \; , \; x = \!\! 23 \; , \; y = \!\! 54 \; , \; v = \!\! 3234 \\ \end{array}$$



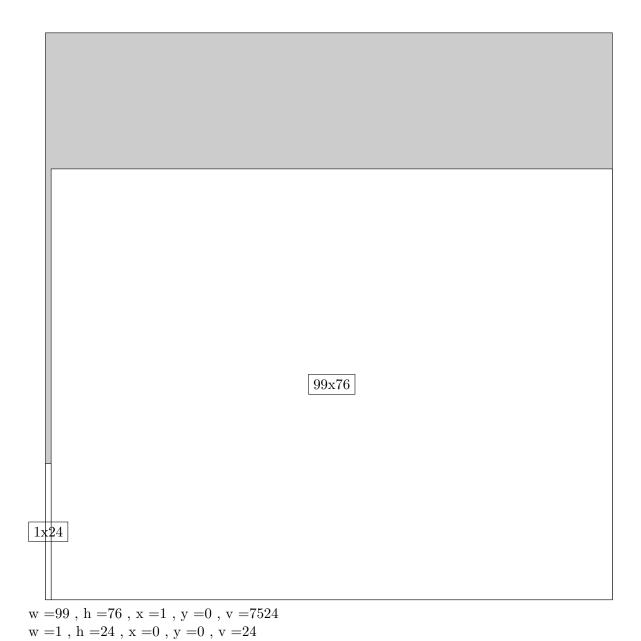
 $\le =58$  , h = 86 , x = 42 , y = 0 , v = 4988

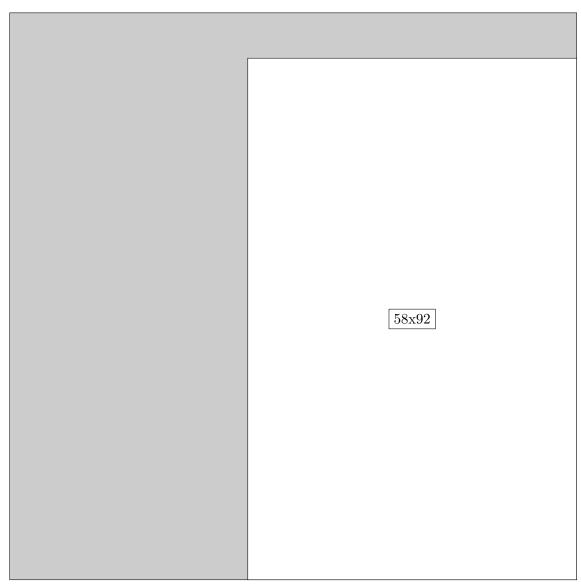


$$\begin{array}{l} w = \! 44 \ , \ h = \! 93 \ , \ x = \! 56 \ , \ y = \! 0 \ , \ v = \! 4092 \\ w = \! 56 \ , \ h = \! 51 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2856 \end{array}$$

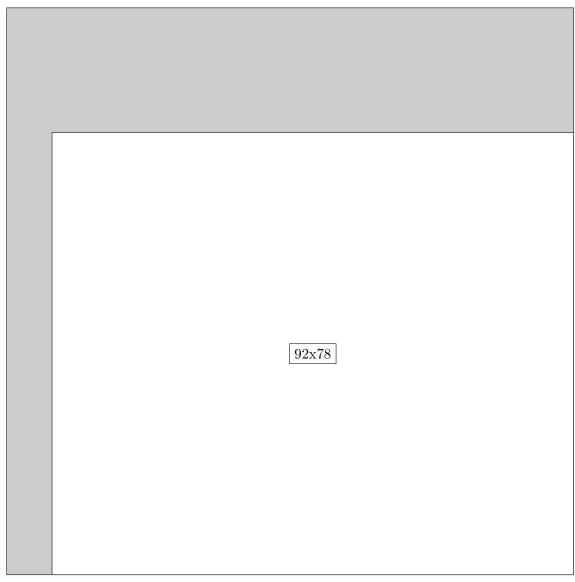


$$\begin{array}{l} w = & 82 \; , \; h = & 79 \; , \; x = & 18 \; , \; y = & 0 \; , \; v = & 6478 \\ w = & 82 \; , \; h = & 20 \; , \; x = & 18 \; , \; y = & 79 \; , \; v = & 1640 \\ w = & 14 \; , \; h = & 85 \; , \; x = & 4 \; , \; y = & 0 \; , \; v = & 1190 \end{array}$$

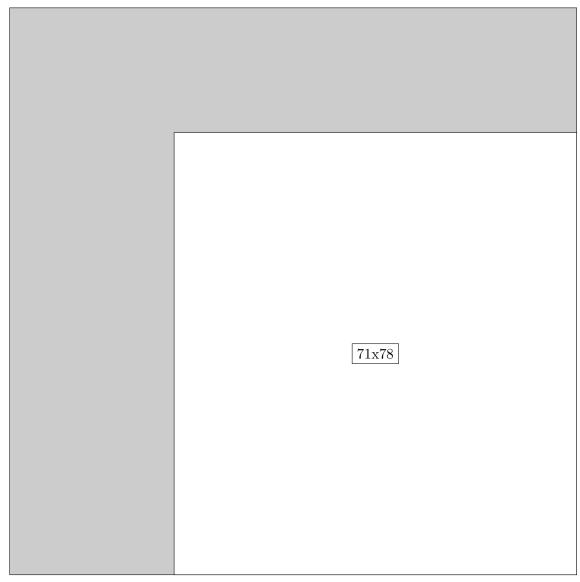




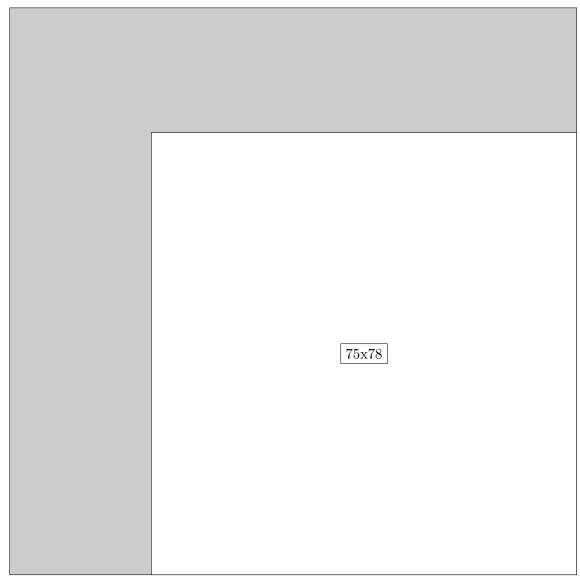
 $\le -58$  , h =92 , x =42 , y =0 , v =5336



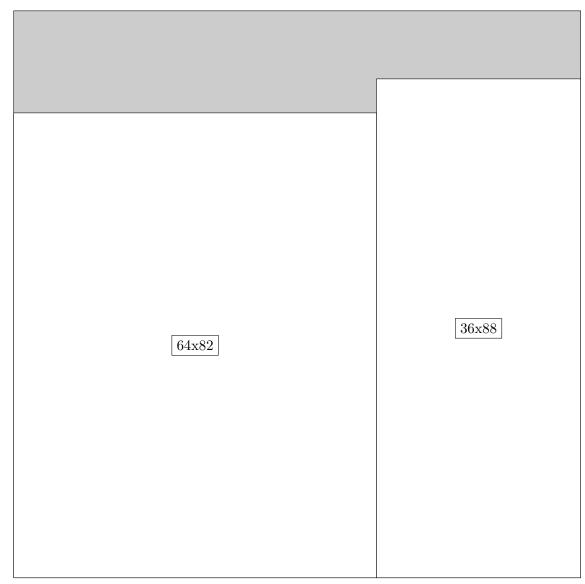
 $\le =92$  , h =78 , x =8 , y =0 , v =7176



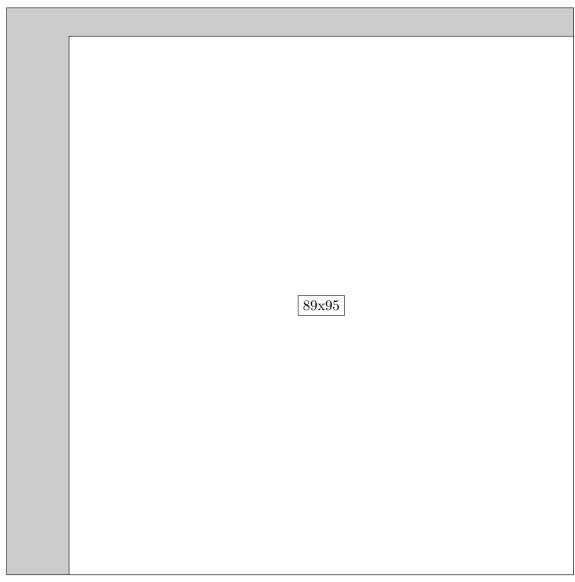
 $\le =71$  , h =78 , x =29 , y =0 , v =5538



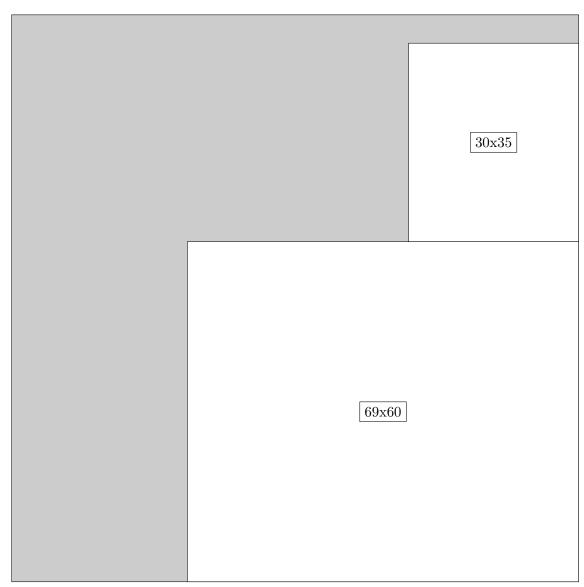
 $\le =75$  , h =78 , x =25 , y =0 , v =5850



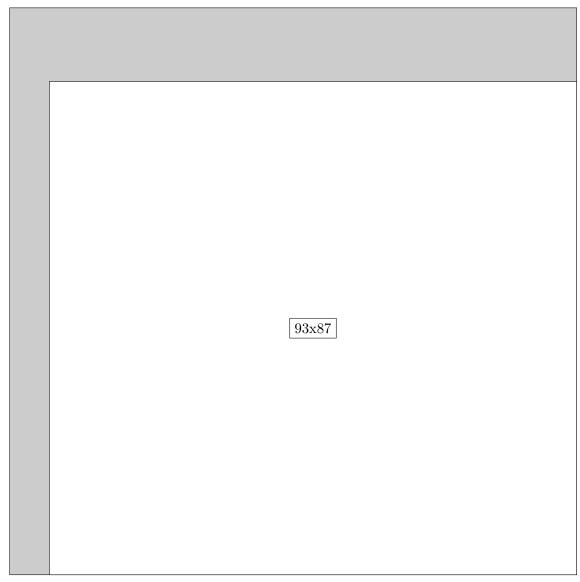
$$\begin{array}{l} w = \! 36 \ , \ h = \! 88 \ , \ x = \! 64 \ , \ y = \! 0 \ , \ v = \! 3168 \\ w = \! 64 \ , \ h = \! 82 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5248 \end{array}$$



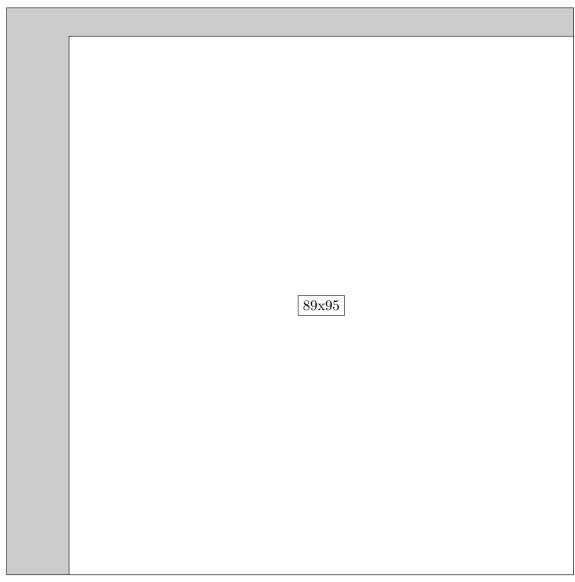
 $\le =89$  , h =95 , x =11 , y =0 , v = 8455



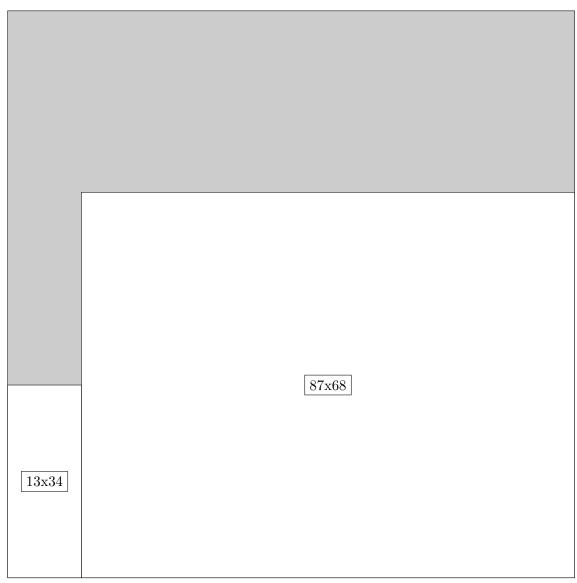
$$\begin{array}{l} w = \!69 \ , \, h = \!60 \ , \, x = \!31 \ , \, y = \!0 \ , \, v = \!4140 \\ w = \!30 \ , \, h = \!35 \ , \, x = \!70 \ , \, y = \!60 \ , \, v = \!1050 \end{array}$$



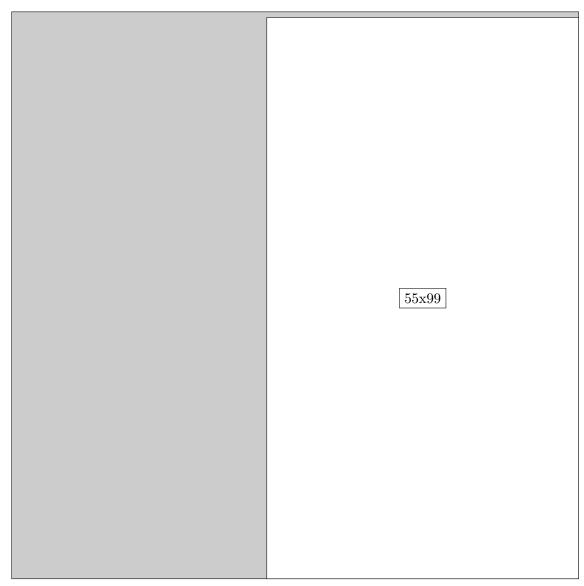
 $\le -93$  , h =87 , x =7 , y =0 , v =8091



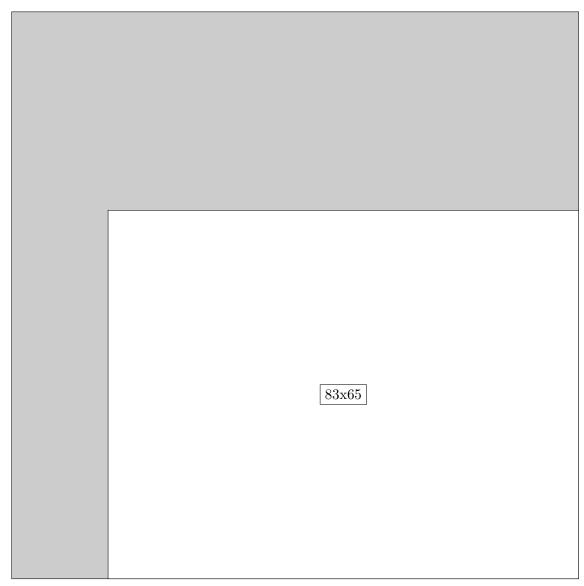
 $\le =89$  , h =95 , x =11 , y =0 , v = 8455



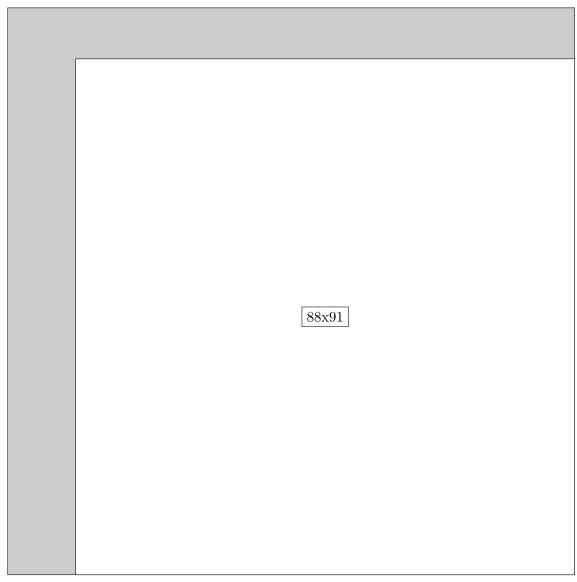
$$\begin{array}{l} w = \! 87 \ , \ h = \! 68 \ , \ x = \! 13 \ , \ y = \! 0 \ , \ v = \! 5916 \\ w = \! 13 \ , \ h = \! 34 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 442 \end{array}$$



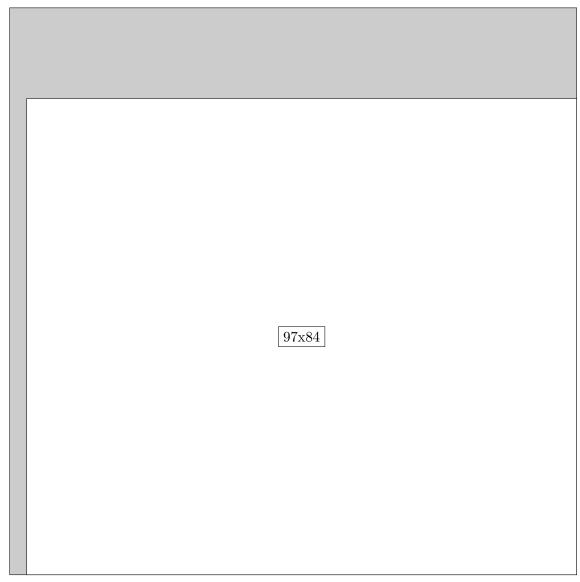
 $\le =55$  , h =99 , x =45 , y =0 , v =5445



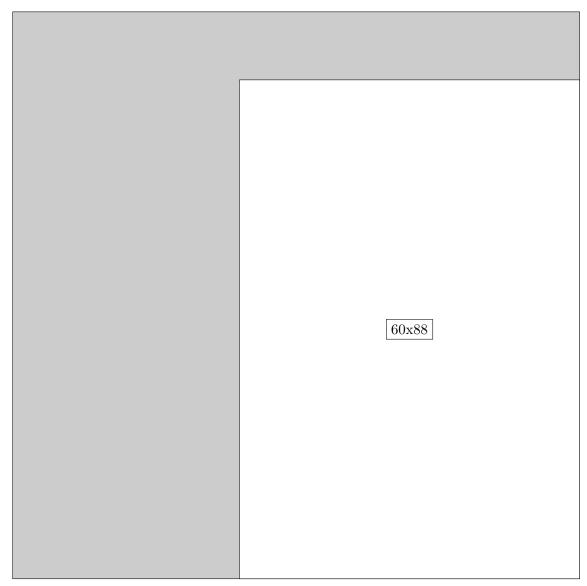
 $\le =83$  , h =65 , x =17 , y =0 , v =5395



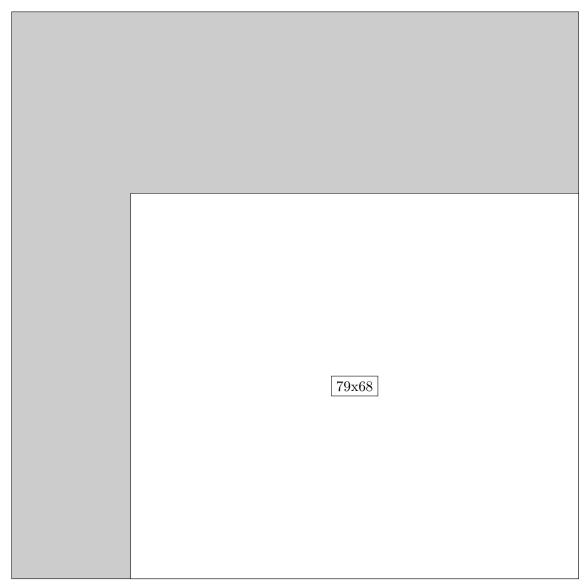
 $\le =88$  , h =91 , x =12 , y =0 , v = 8008



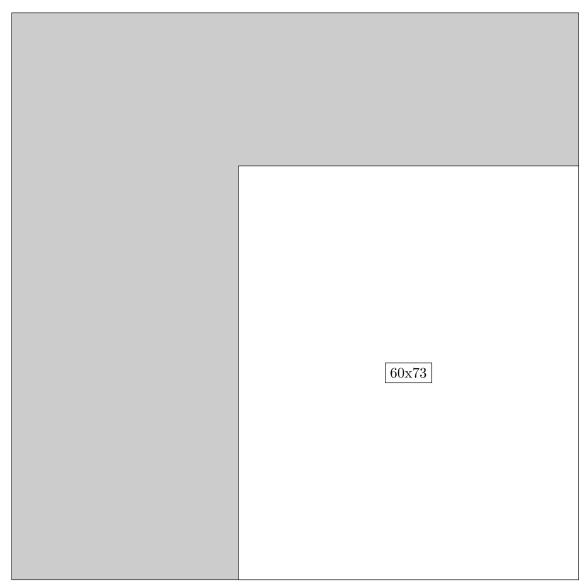
 $\le =97$  , h =84 , x =3 , y =0 , v =8148



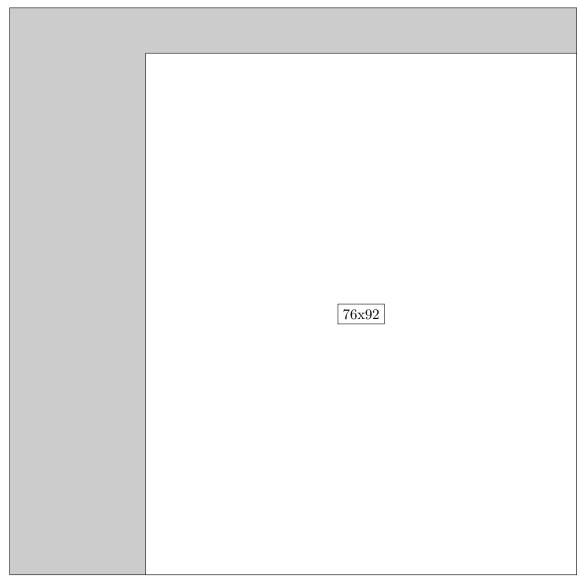
 $\le =60$  , h =88 , x =40 , y =0 , v =5280



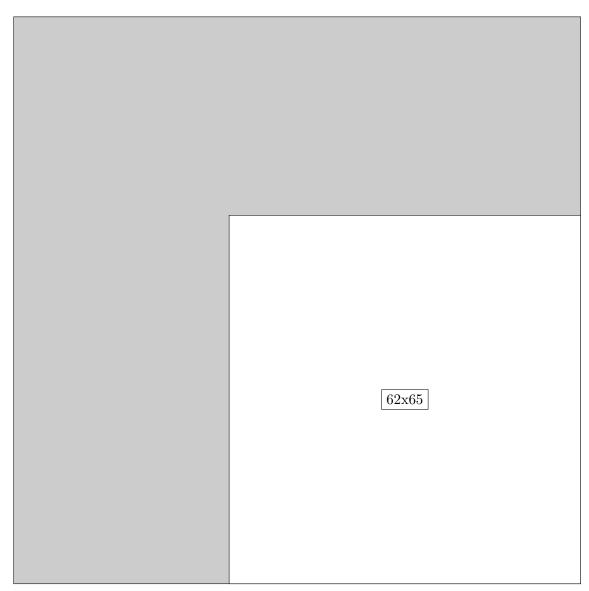
 $\le =79$  , h =68 , x =21 , y =0 , v =5372



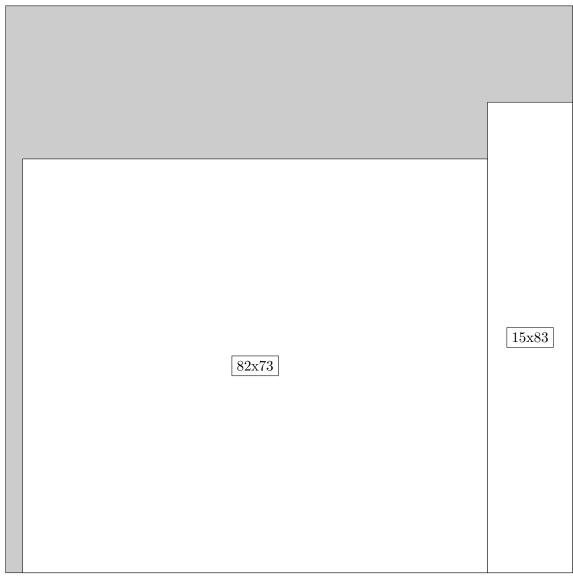
 $\le =60$  , h =73 , x =40 , y =0 , v =4380



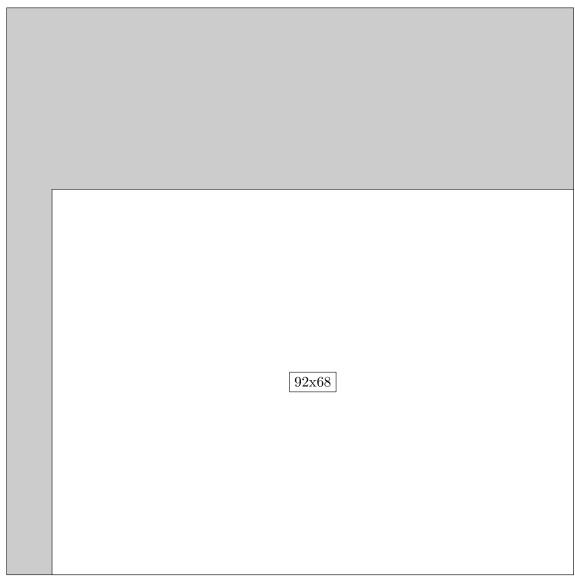
 $\le =76$  , h =92 , x =24 , y =0 , v =6992



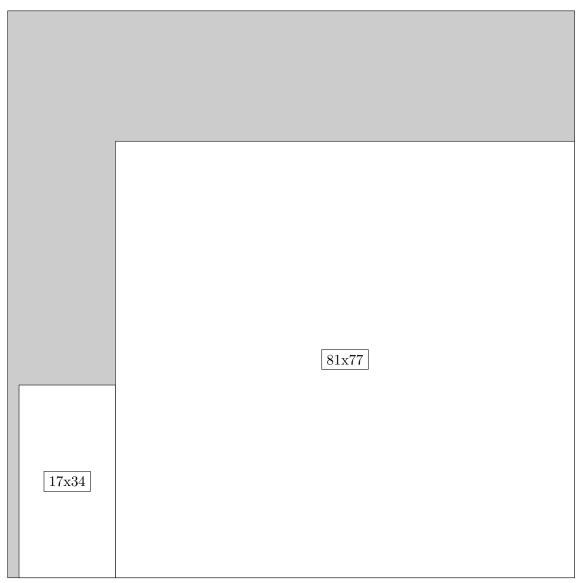
 $\le =62$  , h=65 , x=38 , y=0 , v=4030



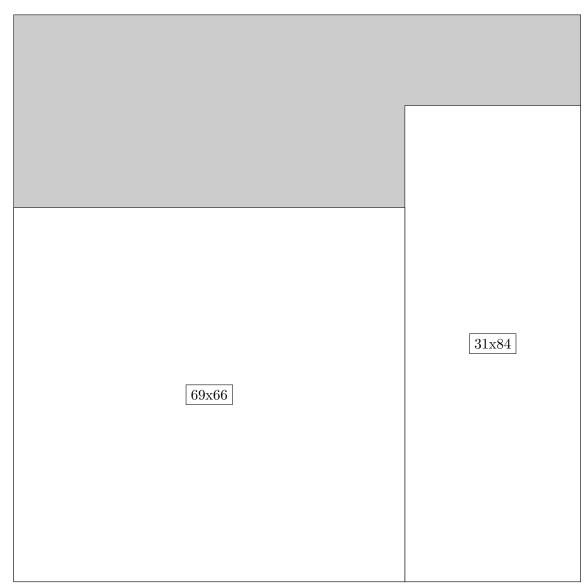
$$\begin{array}{l} w = \! 15 \ , \ h = \! 83 \ , \ x = \! 85 \ , \ y = \! 0 \ , \ v = \! 1245 \\ w = \! 82 \ , \ h = \! 73 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 5986 \end{array}$$

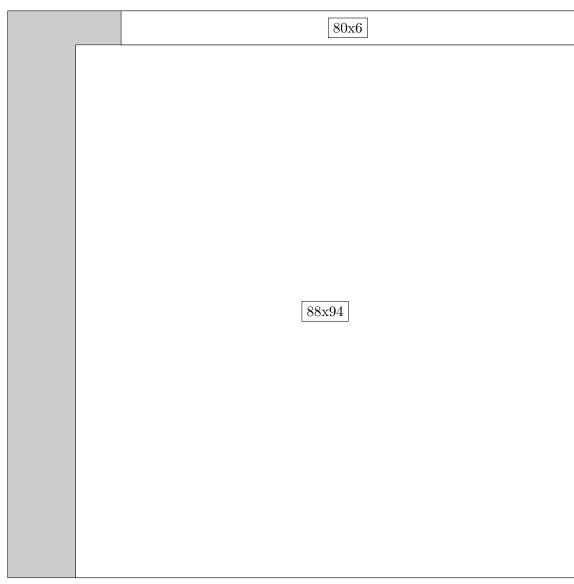


 $\le =92$  ,  $\le =68$  ,  $\ge =8$  , y =0 , v =6256

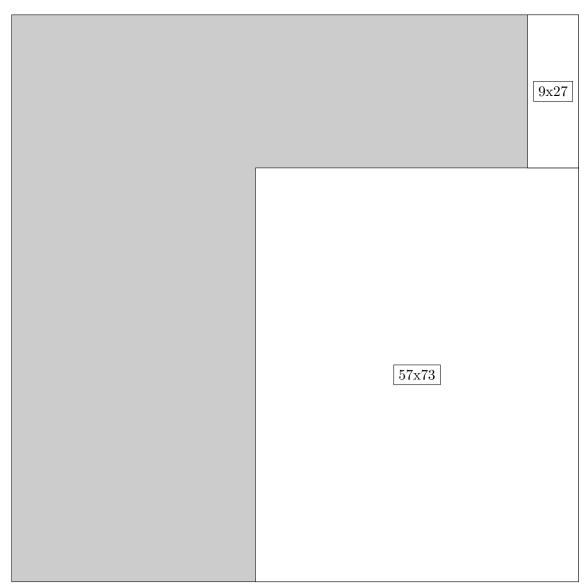


$$\begin{array}{l} w = \! 81 \ , \ h = \! 77 \ , \ x = \! 19 \ , \ y = \! 0 \ , \ v = \! 6237 \\ w = \! 17 \ , \ h = \! 34 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 578 \end{array}$$

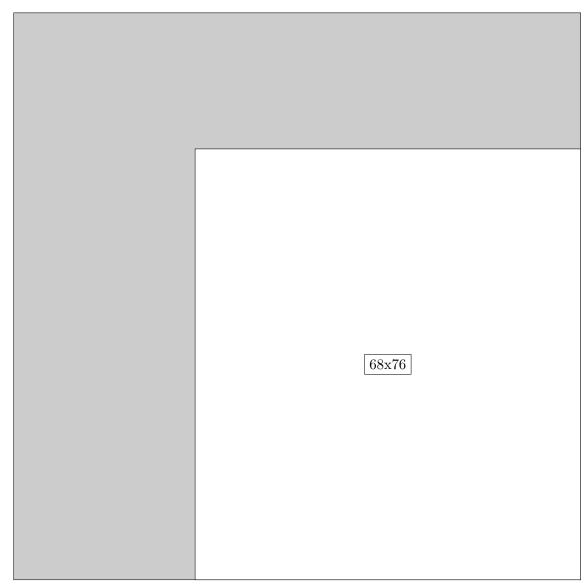




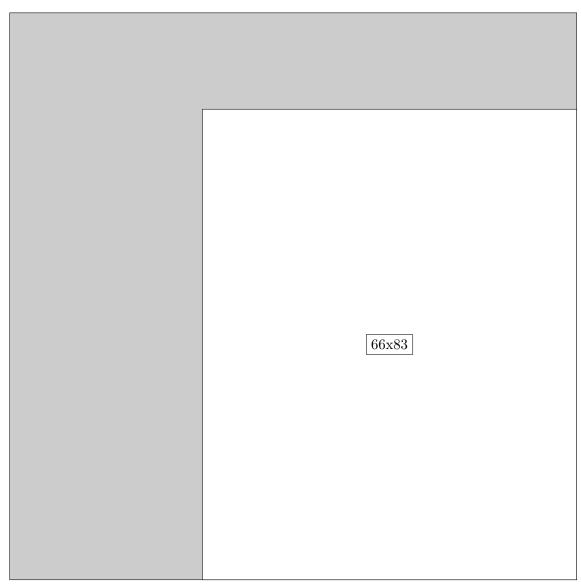
$$\begin{array}{l} w = \! 88 \ , \ h = \! 94 \ , \ x = \! 12 \ , \ y = \! 0 \ , \ v = \! 8272 \\ w = \! 80 \ , \ h = \! 6 \ , \ x = \! 20 \ , \ y = \! 94 \ , \ v = \! 480 \end{array}$$



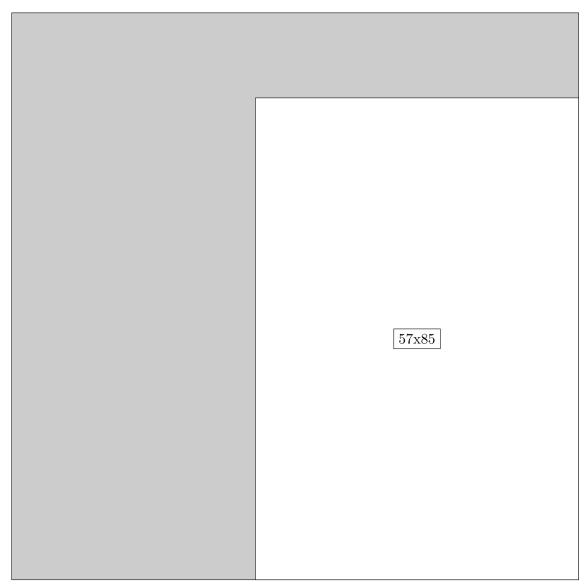
 $\begin{array}{l} w = \!\!57 \ , \ h = \!\!73 \ , \ x = \!\!43 \ , \ y = \!\!0 \ , \ v = \!\!4161 \\ w = \!\!9 \ , \ h = \!\!27 \ , \ x = \!\!91 \ , \ y = \!\!73 \ , \ v = \!\!243 \end{array}$ 



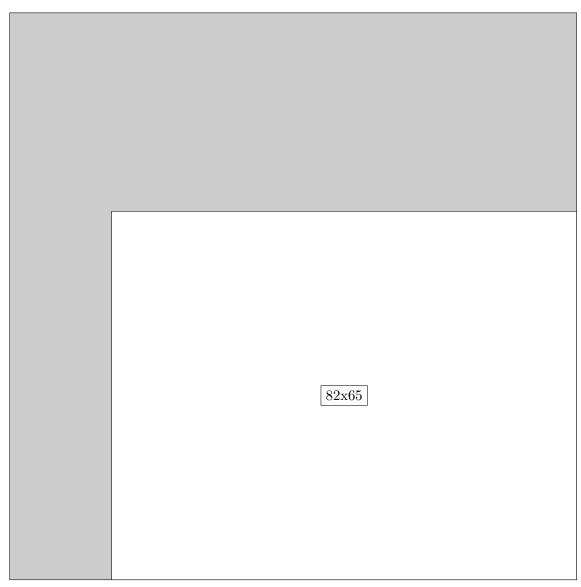
 $\le =68$  , h =76 , x =32 , y =0 , v =5168



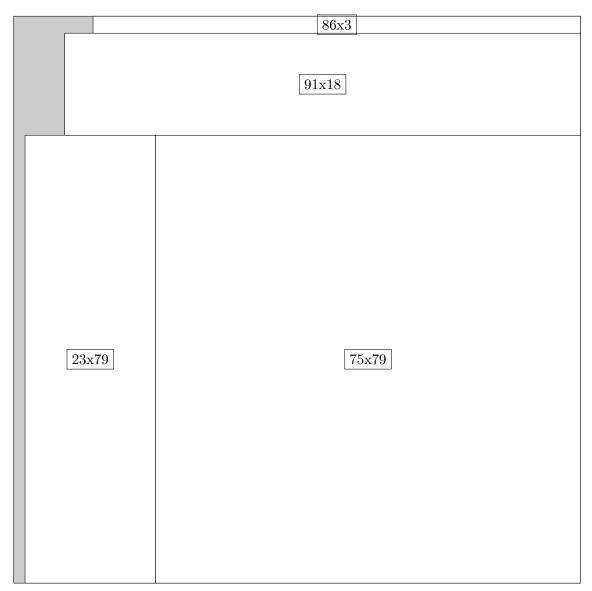
 $\le =66$  , h =83 , x =34 , y =0 , v =5478



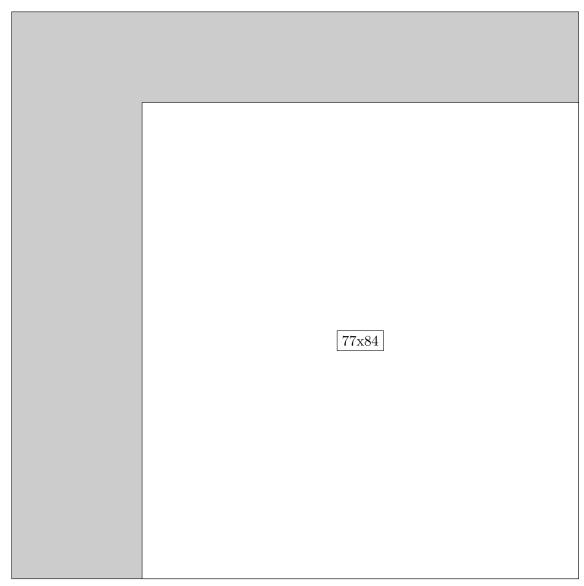
 $\le =57$  , h = 85 , x = 43 , y = 0 , v = 4845



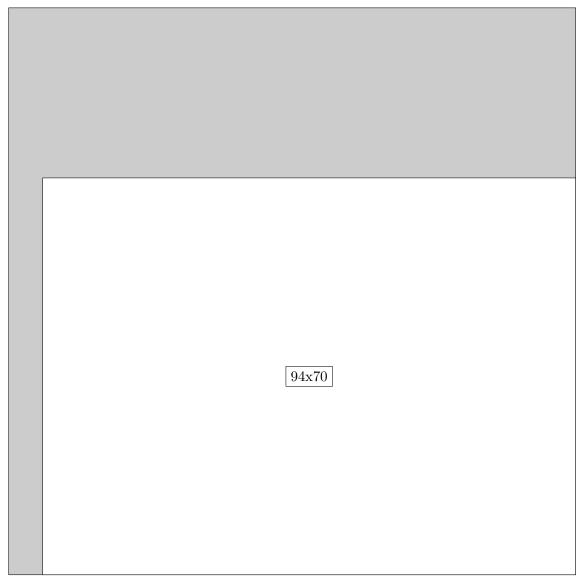
 $\le =82$  , h=65 , x=18 , y=0 , v=5330



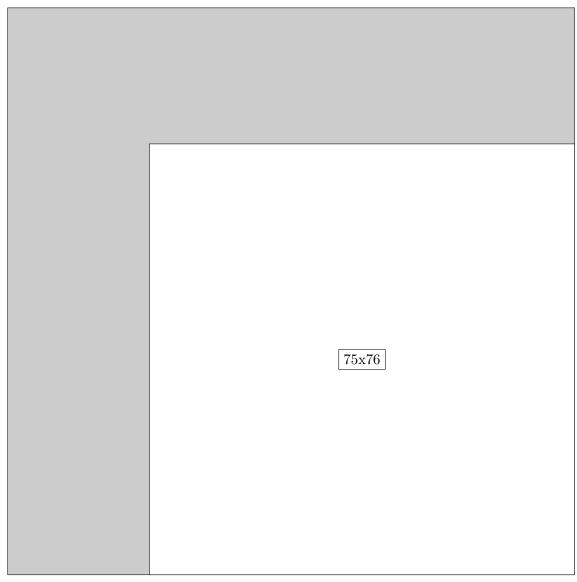
$$\begin{array}{l} w = \!\!\! 75 \ , \ h = \!\!\! 79 \ , \ x = \!\!\! 25 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 5925 \\ w = \!\!\! 23 \ , \ h = \!\!\! 79 \ , \ x = \!\!\! 2 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 1817 \\ w = \!\!\! 91 \ , \ h = \!\!\! 18 \ , \ x = \!\!\! 9 \ , \ y = \!\!\! 79 \ , \ v = \!\!\! 1638 \\ w = \!\!\! 86 \ , \ h = \!\!\! 3 \ , \ x = \!\!\! 14 \ , \ y = \!\!\! 97 \ , \ v = \!\!\! 258 \end{array}$$



 $\le =77$  , h =84 , x =23 , y =0 , v =6468



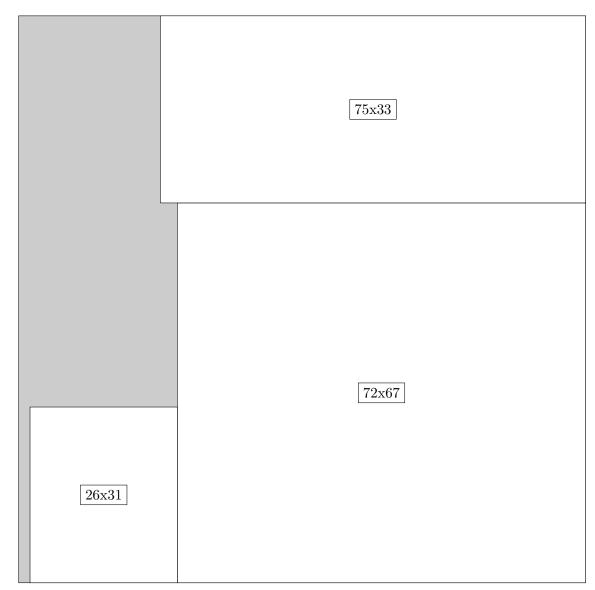
 $\le =94$  , h =70 , x =6 , y =0 , v =6580



 $\le =75$  , h =76 , x =25 , y =0 , v =5700



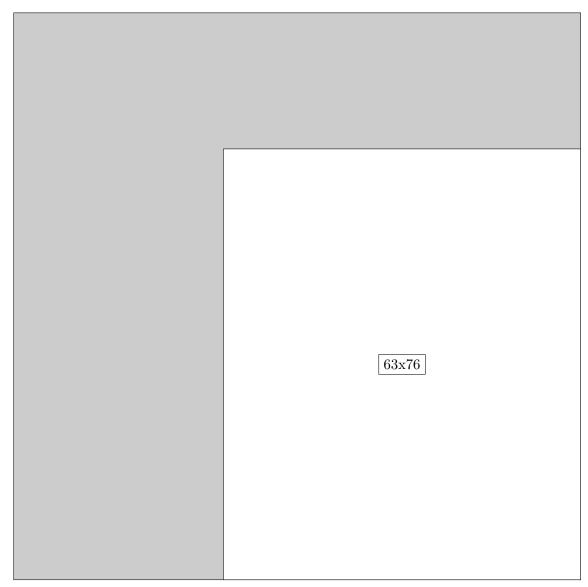
$$\begin{array}{l} w = \! 93 \ , \ h = \! 59 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 5487 \\ w = \! 72 \ , \ h = \! 33 \ , \ x = \! 28 \ , \ y = \! 59 \ , \ v = \! 2376 \end{array}$$



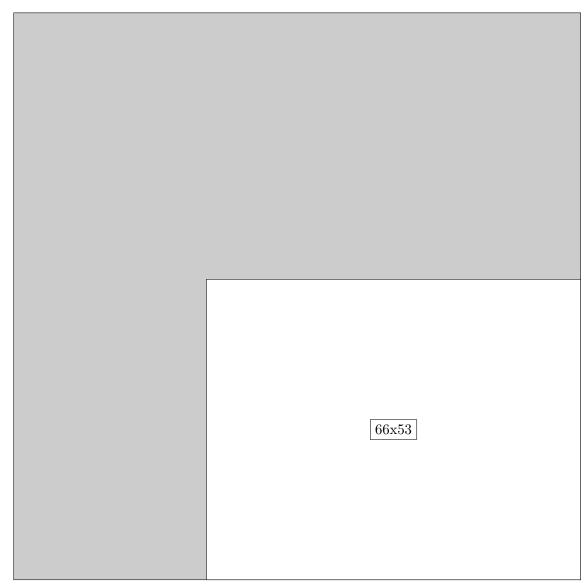
$$w = 72$$
,  $h = 67$ ,  $x = 28$ ,  $y = 0$ ,  $v = 4824$ 

$$\le =26$$
 , h =31 , x =2 , y =0 , v =  
806

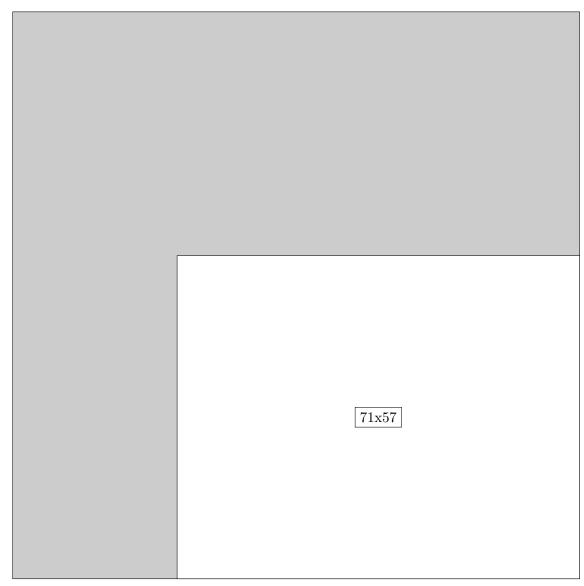
$$\le =75$$
 , h =33 , x =25 , y =67 , v =2475



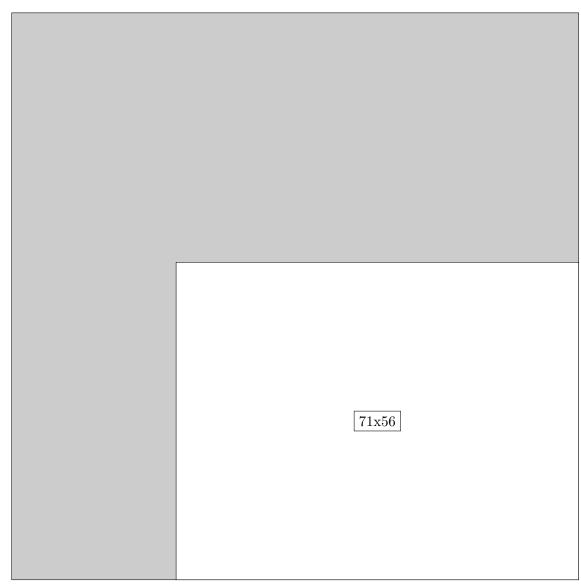
 $\le =63$  , h=76 , x=37 , y=0 , v=4788



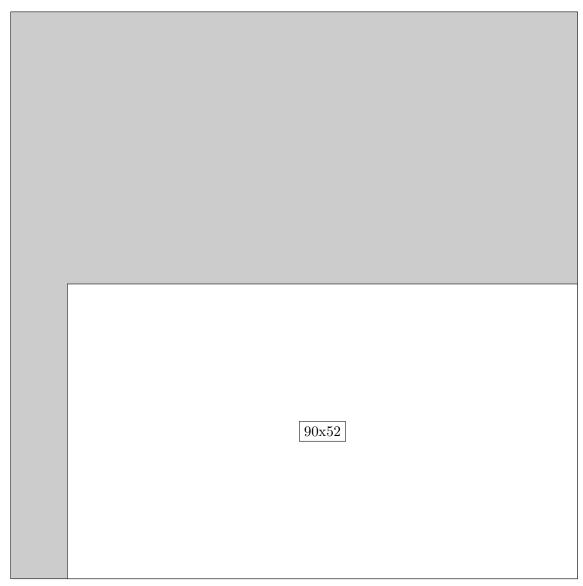
 $\le =66$  , h =53 , x =34 , y =0 , v =3498



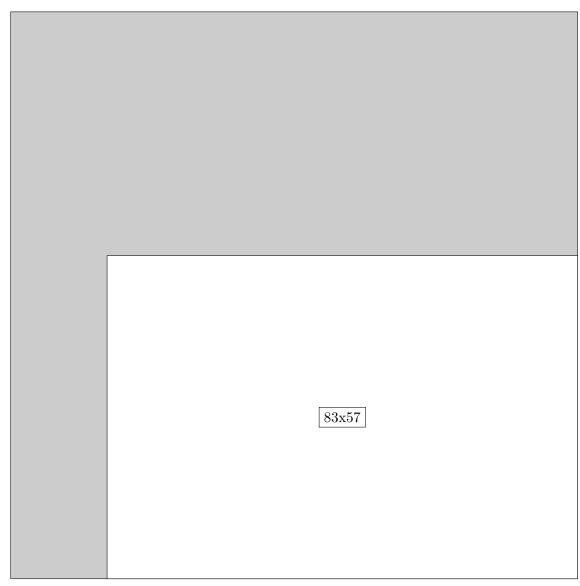
 $\le =71$  , h =57 , x =29 , y =0 , v =4047



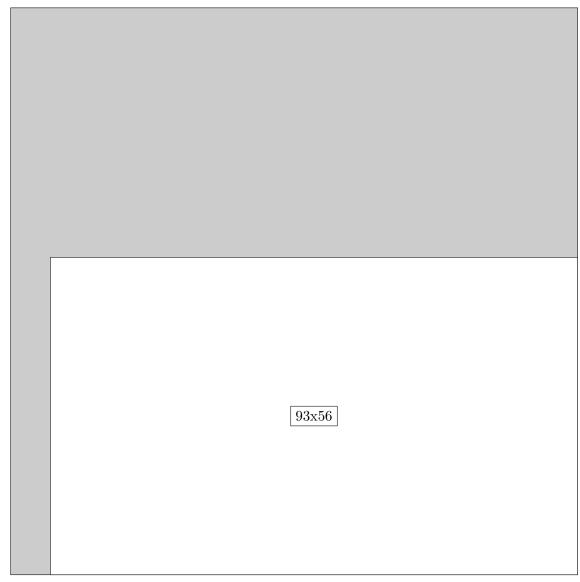
 $\le =71$  , h = 56 , x = 29 , y = 0 , v = 3976



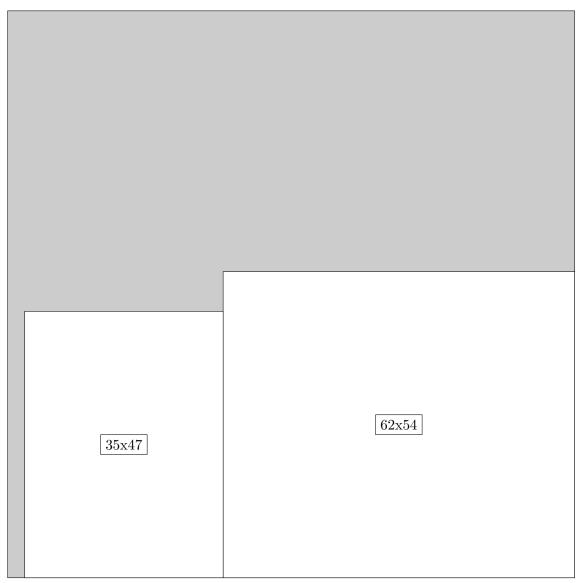
 $\le =90$  , h =52 , x =10 , y =0 , v =4680



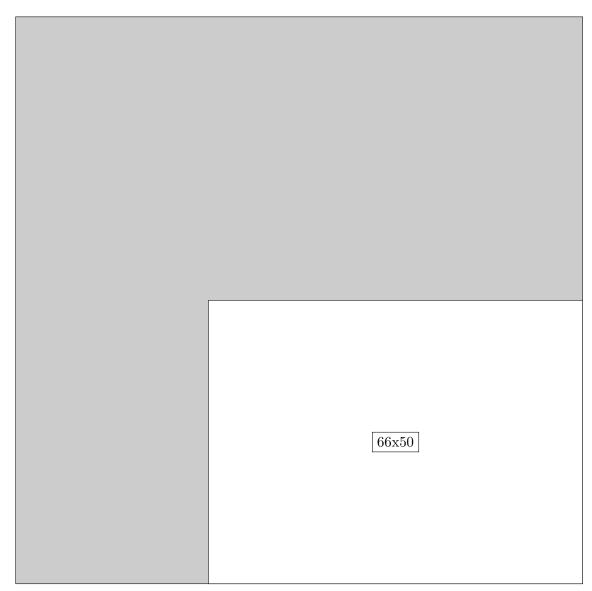
 $\le =83$  , h =57 , x =17 , y =0 , v =4731



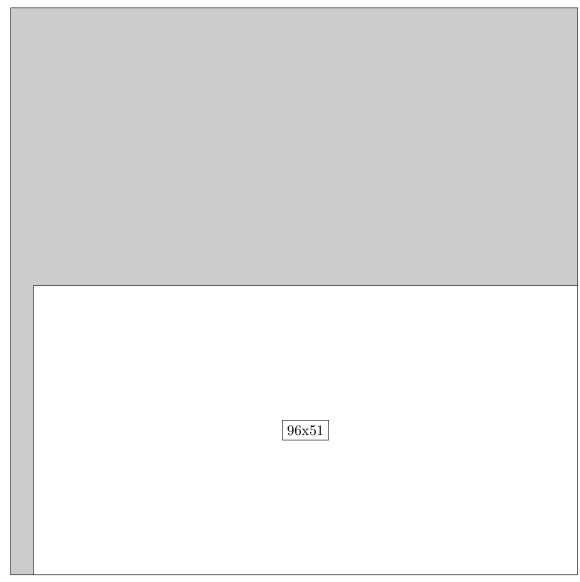
 $\le -93$  , h = 56 , x = 7 , y = 0 , v = 5208



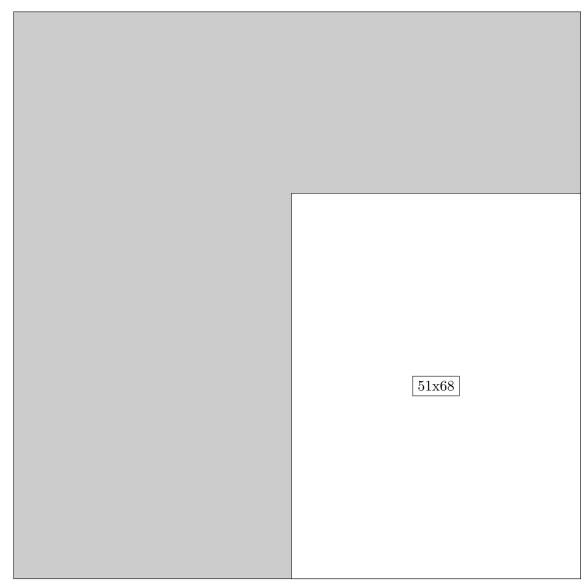
$$\begin{array}{l} w = \!\!62 \ , \ h = \!\!54 \ , \ x = \!\!38 \ , \ y = \!\!0 \ , \ v = \!\!3348 \\ w = \!\!35 \ , \ h = \!\!47 \ , \ x = \!\!3 \ , \ y = \!\!0 \ , \ v = \!\!1645 \end{array}$$



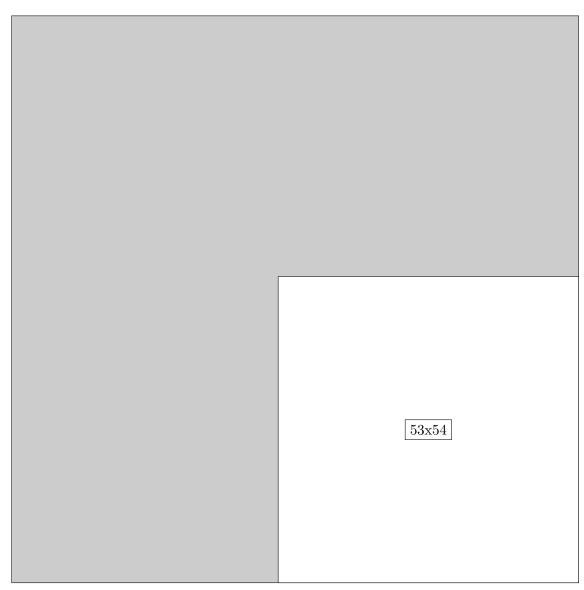
 $\le =66$  ,  $h=\!50$  ,  $x=\!34$  ,  $y=\!0$  ,  $v=\!3300$ 



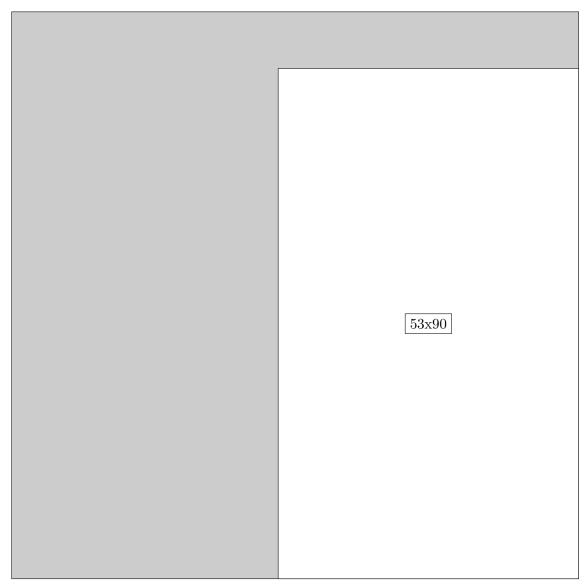
 $\le =96$  , h =51 , x =4 , y =0 , v =4896



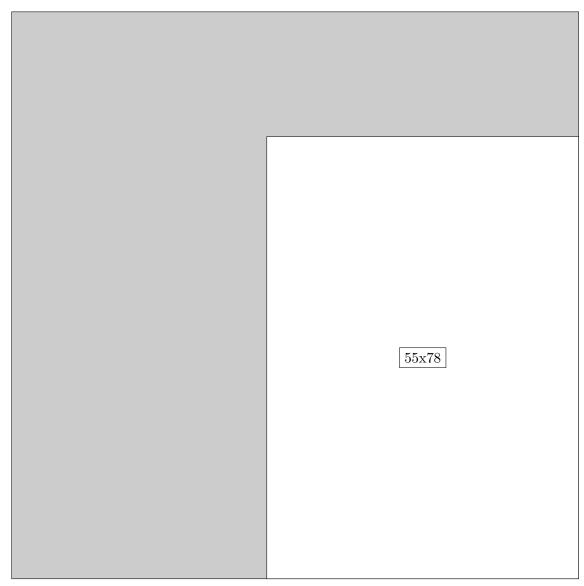
 $\le =51$  , h =68 , x =49 , y =0 , v =3468



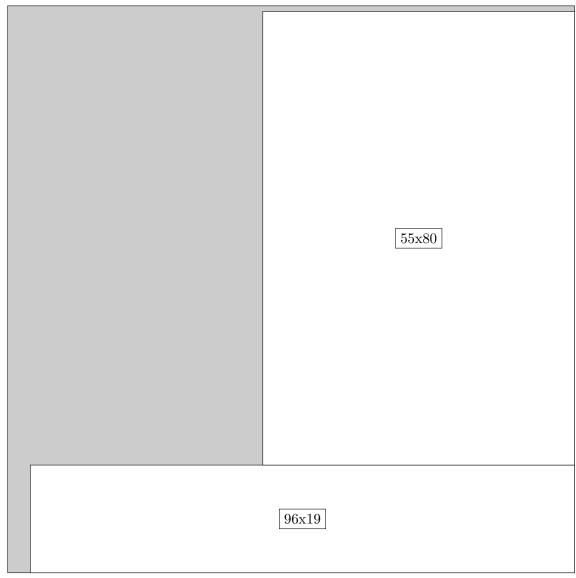
 $\le =53$  , h =54 , x =47 , y =0 , v =2862



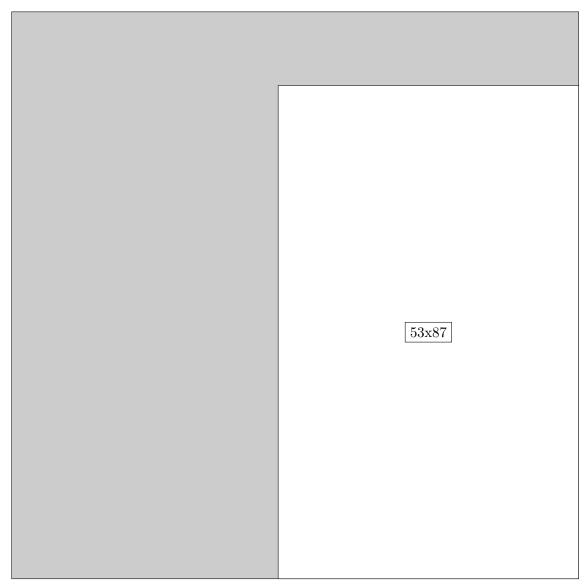
 $\le =53$  , h =90 , x =47 , y =0 , v =4770



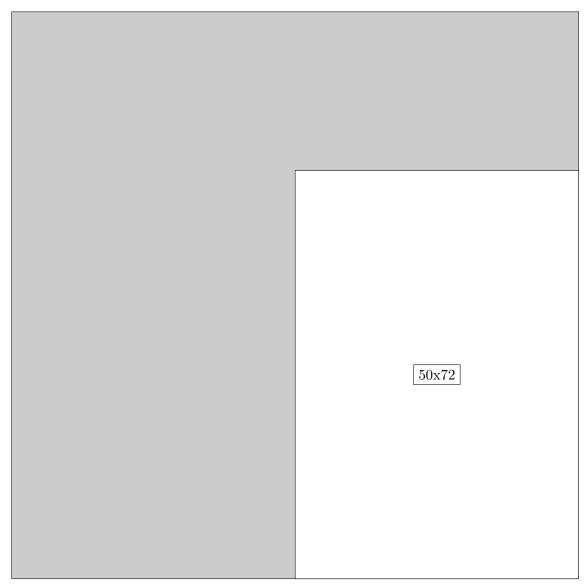
 $\le =55$  , h =78 , x =45 , y =0 , v =4290



$$\begin{array}{l} w = \! 96 \; , \; h = \! 19 \; , \; x = \! 4 \; , \; y = \! 0 \; , \; v = \! 1824 \\ w = \! 55 \; , \; h = \! 80 \; , \; x = \! 45 \; , \; y = \! 19 \; , \; v = \! 4400 \end{array}$$



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



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