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

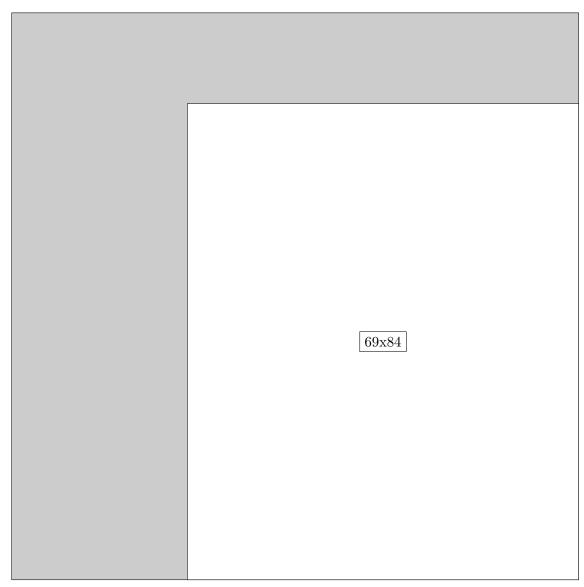
BinSize:  $\underline{100 \times 100}$ ReduceSize:  $\underline{100 \times 100}$ 

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> LB: <u>31</u>

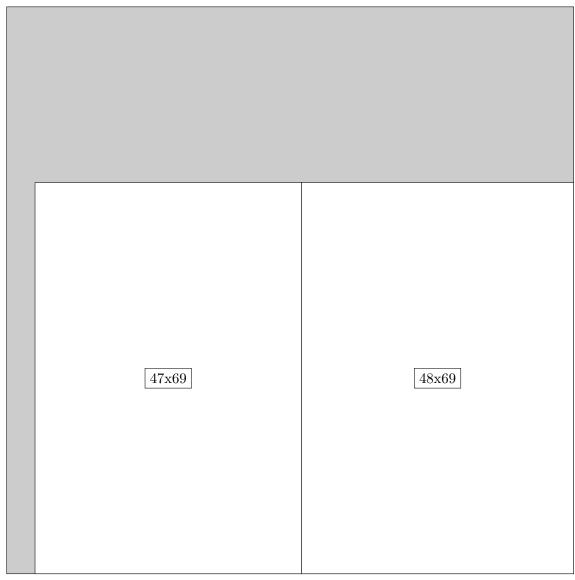
LBWithCut:  $\underline{31}$ NodeCount:  $\underline{0}$ PrimalNode:  $\underline{0}$ ColumnCount:  $\underline{31}$ TotalCutCount:  $\underline{0}$ RootCutCount:  $\underline{0}$ LPSolverCnt:  $\underline{1}$ PricingSolverCnt:  $\underline{0}$ BranchAndBoundNum:  $\underline{1}$ 

isOpt: **true** 

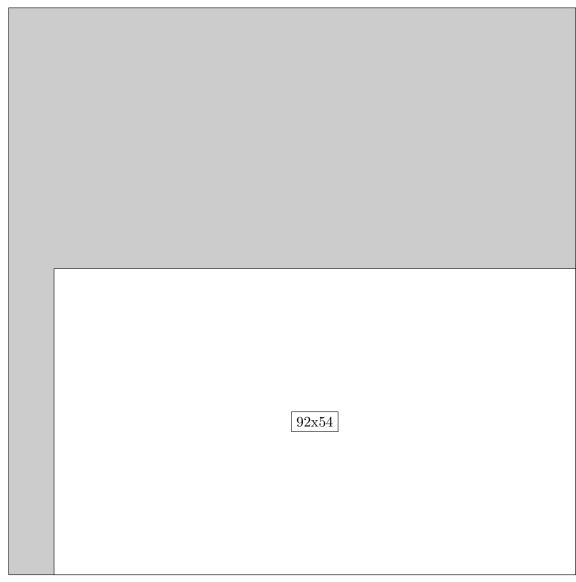
TimeOnPrimal:  $\underline{0.000 \text{ s}}$ TimeOnPricing:  $\underline{0.000 \text{ s}}$ TimeOnRmp:  $\underline{0.078 \text{ s}}$ TotalTime:  $\underline{0.235 \text{ s}}$ 



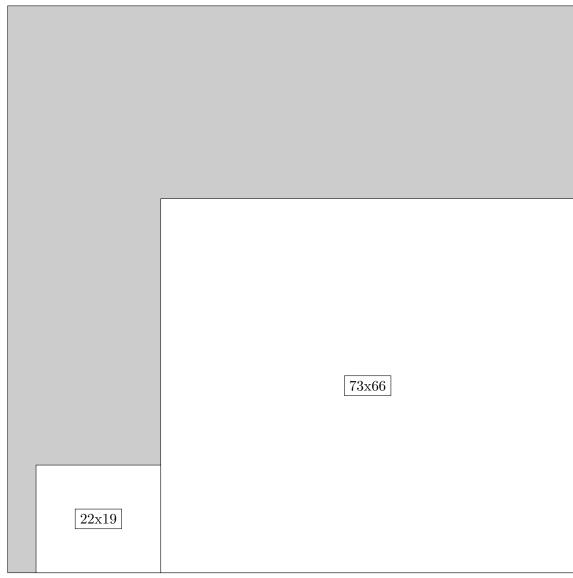
 $\le =69$  , h =84 , x =31 , y =0 , v =5796

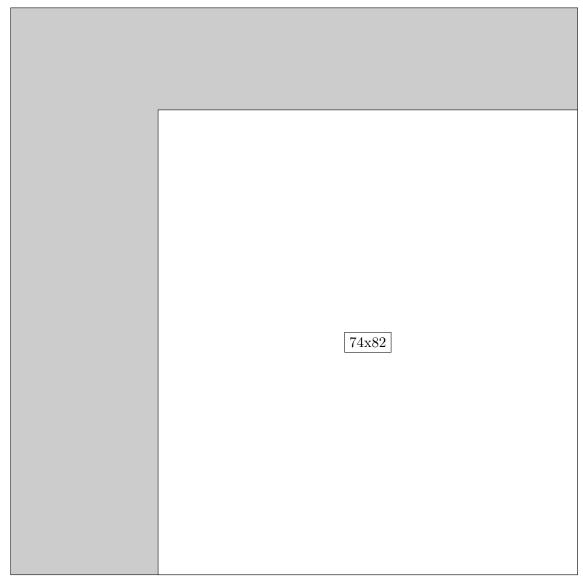


 $\begin{array}{l} w = \!\! 48 \ , \ h = \!\! 69 \ , \ x = \!\! 52 \ , \ y = \!\! 0 \ , \ v = \!\! 3312 \\ w = \!\! 47 \ , \ h = \!\! 69 \ , \ x = \!\! 5 \ , \ y = \!\! 0 \ , \ v = \!\! 3243 \end{array}$ 

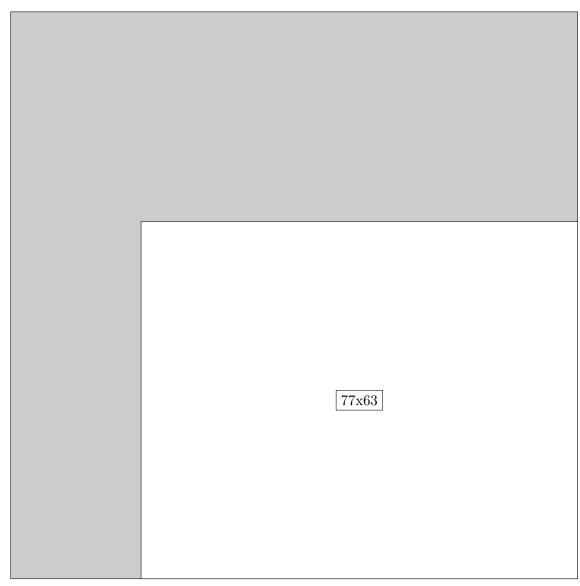


 $\le =92$  , h =54 , x =8 , y =0 , v =4968

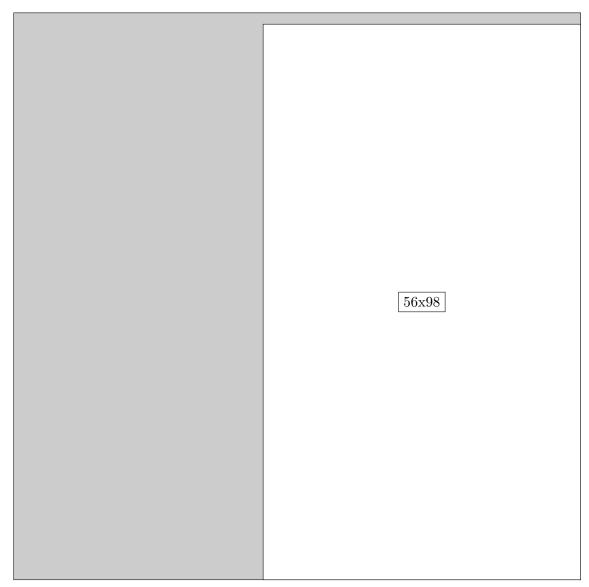




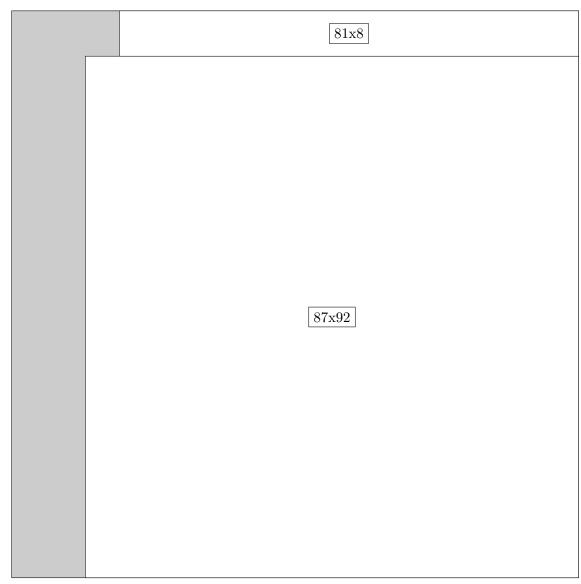
 $\le =74$  , h =82 , x =26 , y =0 , v =6068



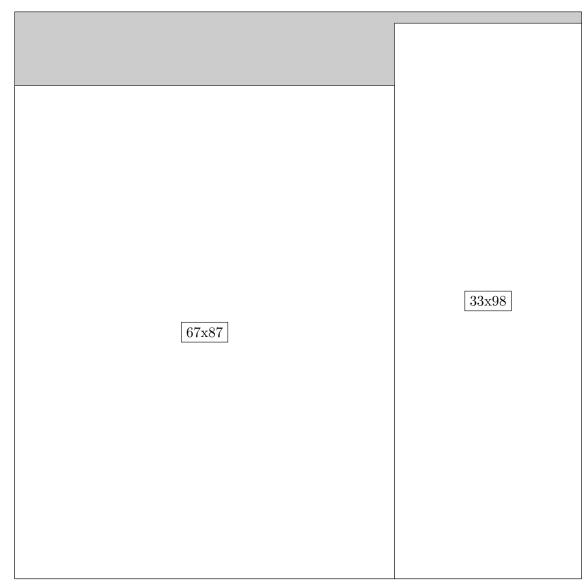
 $\le =77$  , h =63 , x =23 , y =0 , v =4851



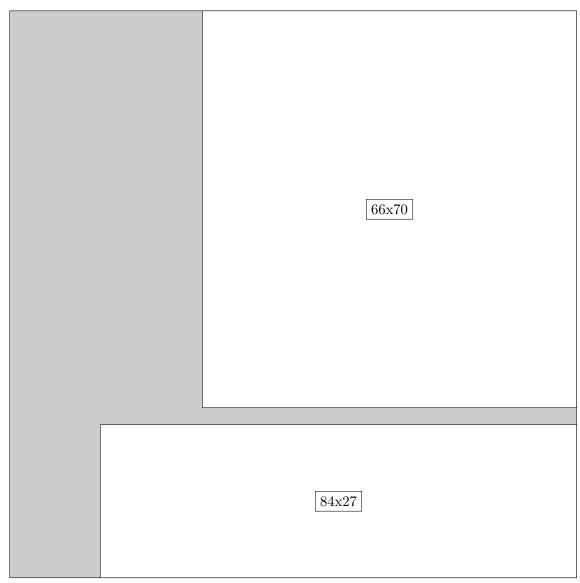
 $\le =56$  , h =98 , x =44 , y =0 , v =5488



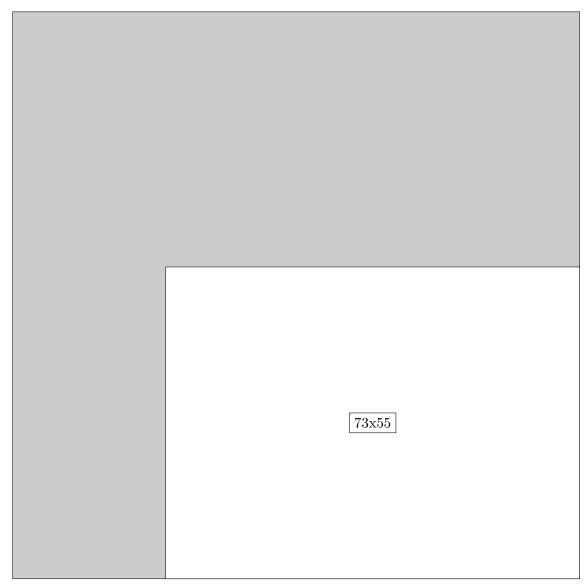
$$\begin{array}{l} w = \! 87 \; , \; h = \! 92 \; , \; x = \! 13 \; , \; y = \! 0 \; , \; v = \! 8004 \\ w = \! 81 \; , \; h = \! 8 \; , \; x = \! 19 \; , \; y = \! 92 \; , \; v = \! 648 \end{array}$$



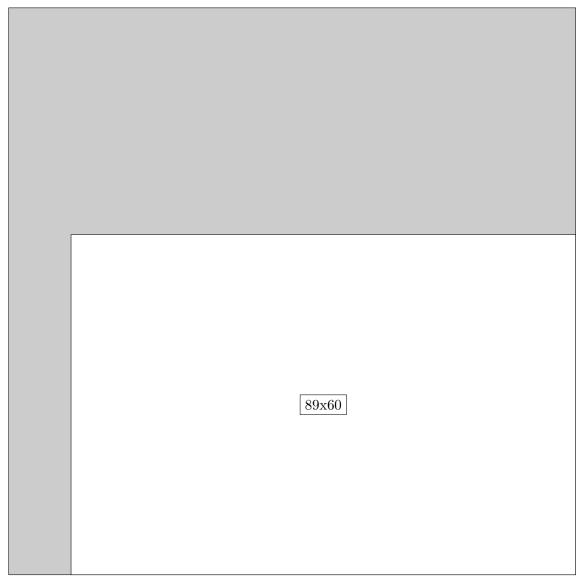
$$\begin{array}{l} w = \! 33 \ , \ h = \! 98 \ , \ x = \! 67 \ , \ y = \! 0 \ , \ v = \! 3234 \\ w = \! 67 \ , \ h = \! 87 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5829 \end{array}$$



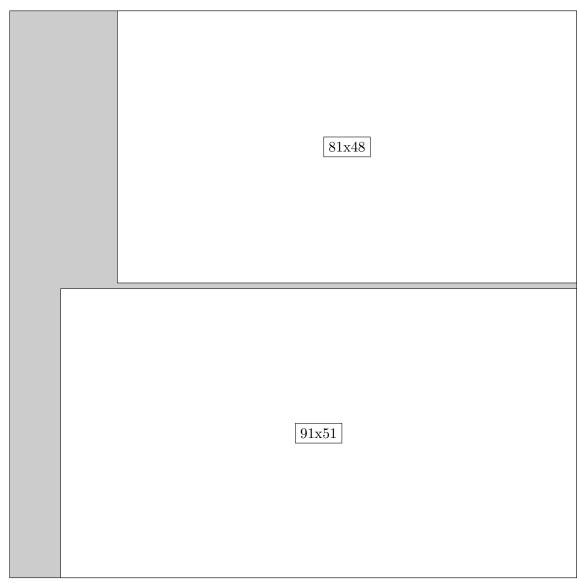
$$\begin{array}{l} w = \! 84 \ , \, h = \! 27 \ , \, x = \! 16 \ , \, y = \! 0 \ , \, v = \! 2268 \\ w = \! 66 \ , \, h = \! 70 \ , \, x = \! 34 \ , \, y = \! 30 \ , \, v = \! 4620 \end{array}$$



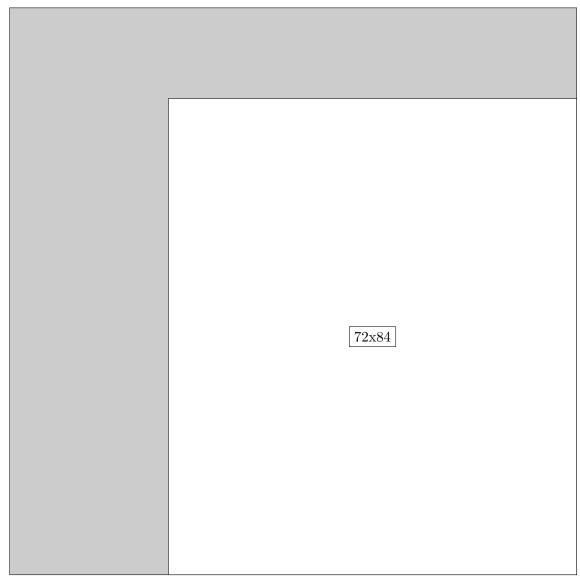
 $\le =73$  , h =55 , x =27 , y =0 , v =4015



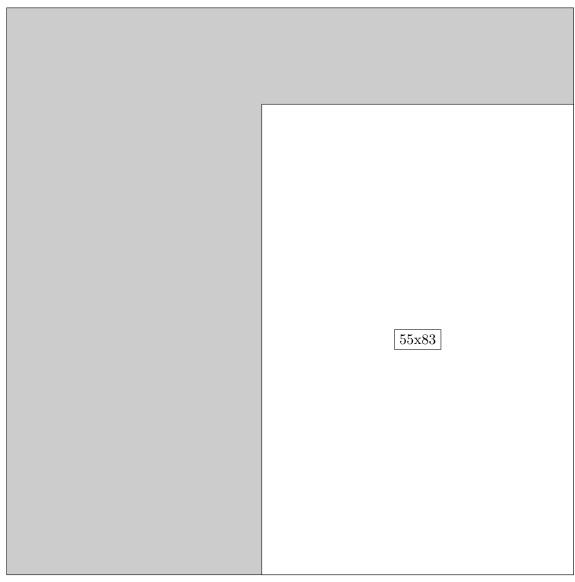
 $\le =89$  , h =60 , x =11 , y =0 , v =5340



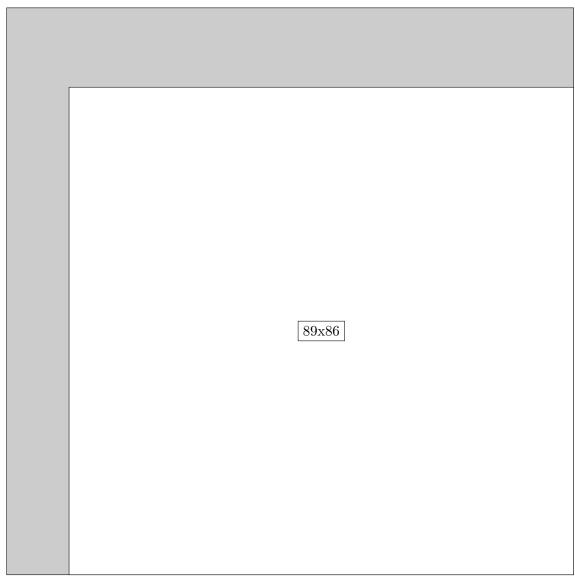
$$\begin{array}{l} w = \! 91 \; , \; h = \! 51 \; , \; x = \! 9 \; , \; y = \! 0 \; , \; v = \! 4641 \\ w = \! 81 \; , \; h = \! 48 \; , \; x = \! 19 \; , \; y = \! 52 \; , \; v = \! 3888 \end{array}$$



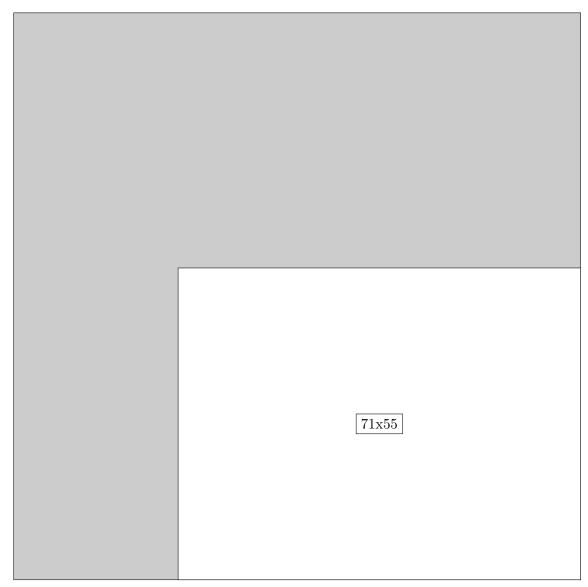
 $\le =72$  , h =84 , x =28 , y =0 , v =6048



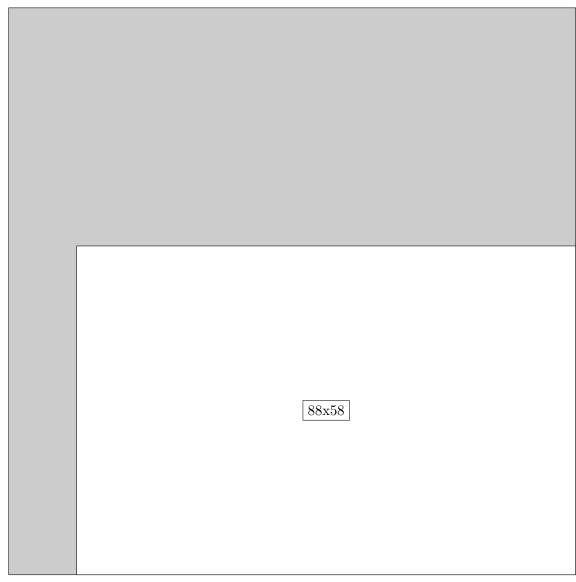
 $\le =55$  , h =83 , x =45 , y =0 , v =4565



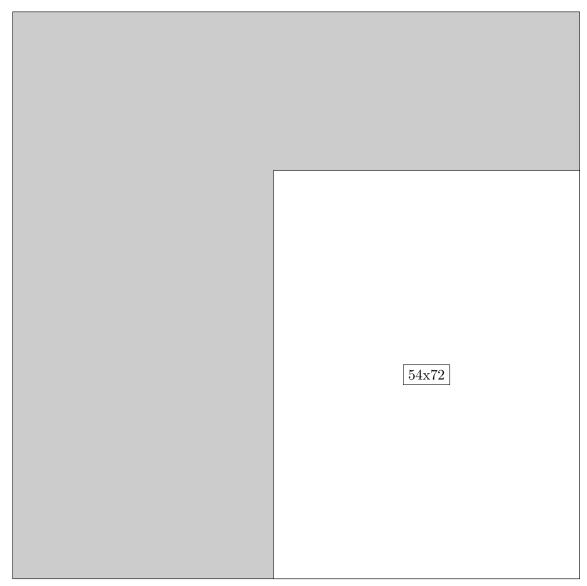
 $\le =89$  , h =86 , x =11 , y =0 , v =7654



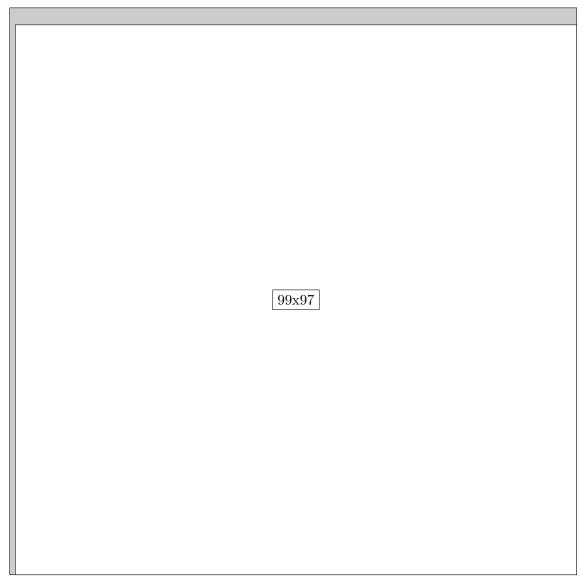
 $\le =71$  , h =55 , x =29 , y =0 , v =3905



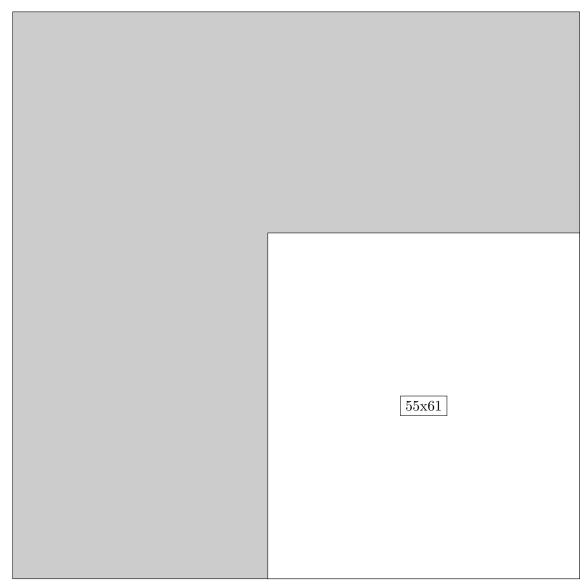
 $\le =88$  , h =58 , x =12 , y =0 , v = 5104



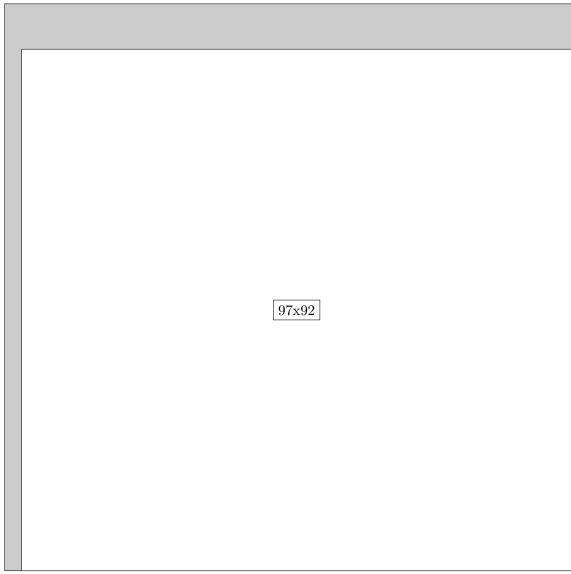
 $\le =54$  , h=72 , x=46 , y=0 , v=3888



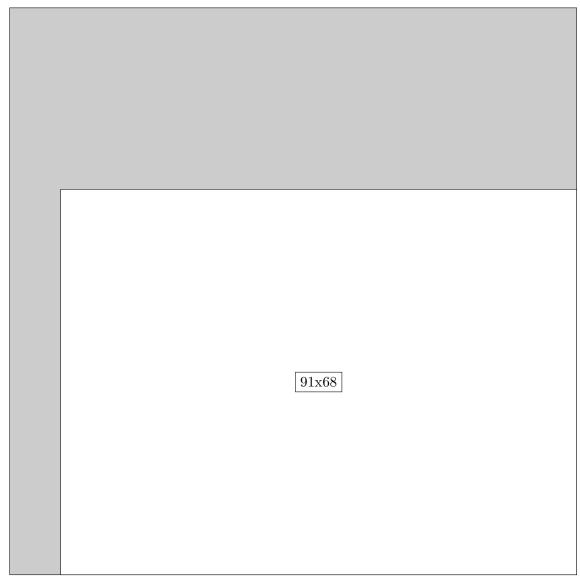
 $\le =99$  , h =97 , x =1 , y =0 , v = 9603



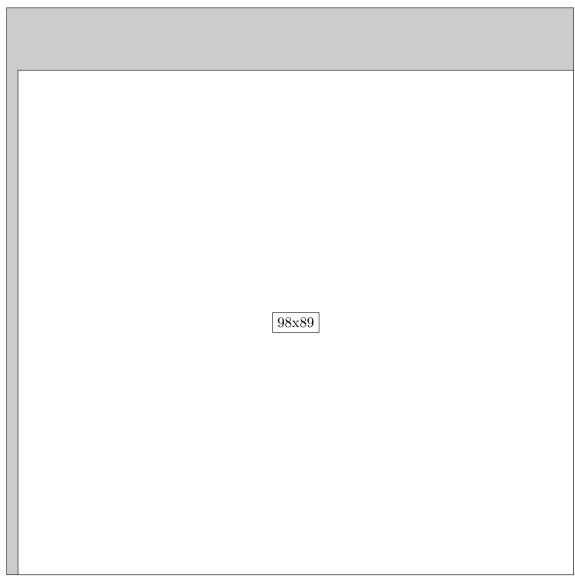
 $\le -55$  , h =61 , x =45 , y =0 , v =3355



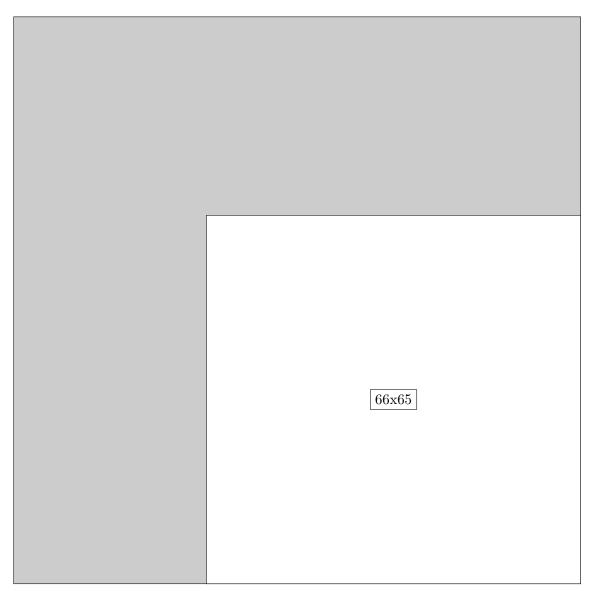
 $\le =97$  , h =92 , x =3 , y =0 , v =8924



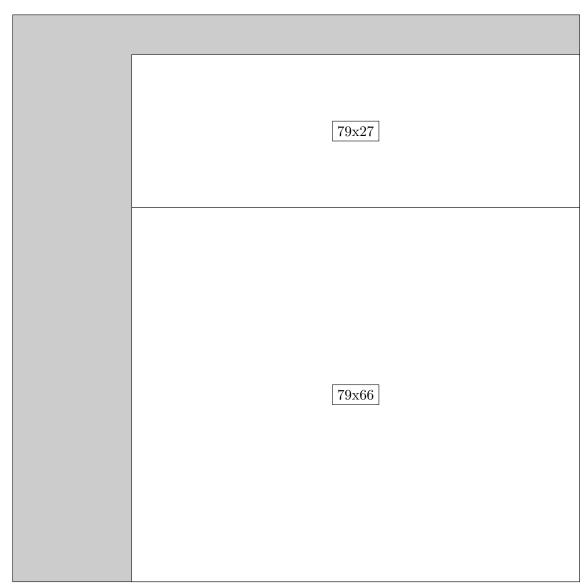
 $\le =91$  , h =68 , x =9 , y =0 , v =6188



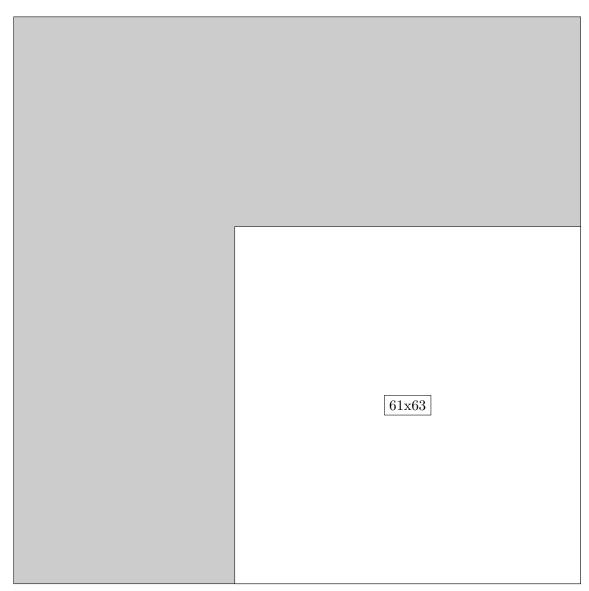
 $\le =98$  , h =89 , x =2 , y =0 , v =8722



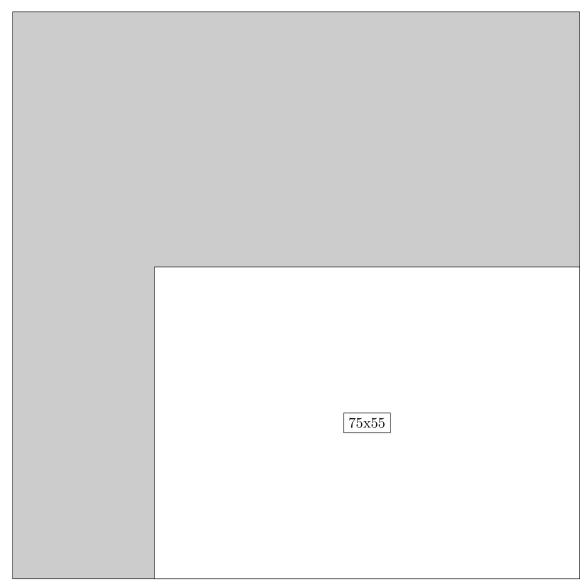
 $\le =66$  , h=65 , x=34 , y=0 , v=4290



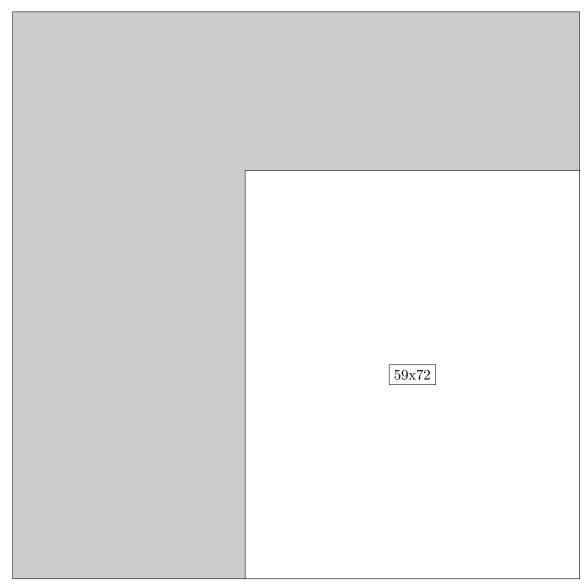
$$\begin{array}{l} w = 79 \ , \ h = 66 \ , \ x = 21 \ , \ y = 0 \ , \ v = 5214 \\ w = 79 \ , \ h = 27 \ , \ x = 21 \ , \ y = 66 \ , \ v = 2133 \end{array}$$



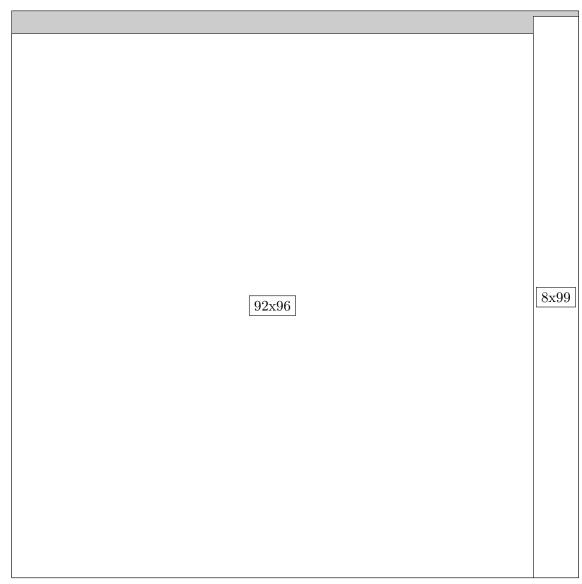
 $\le =61$  , h=63 , x=39 , y=0 , v=3843

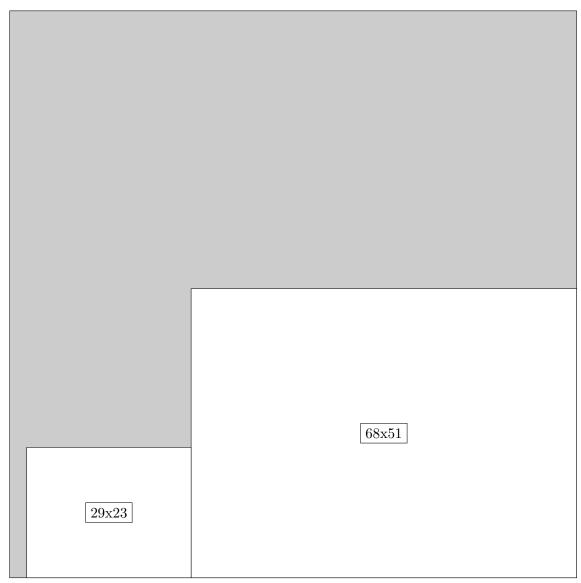


 $\le =75$  , h = 55 , x = 25 , y = 0 , v = 4125



 $\le =59$  , h =72 , x =41 , y =0 , v =4248





$$\begin{array}{l} w = \!68 \; , \; h = \!51 \; , \; x = \!32 \; , \; y = \!0 \; , \; v = \!3468 \\ w = \!29 \; , \; h = \!23 \; , \; x = \!3 \; , \; y = \!0 \; , \; v = \!667 \end{array}$$