$ClassName: {\bf Class\_09.2bp-21}$ 

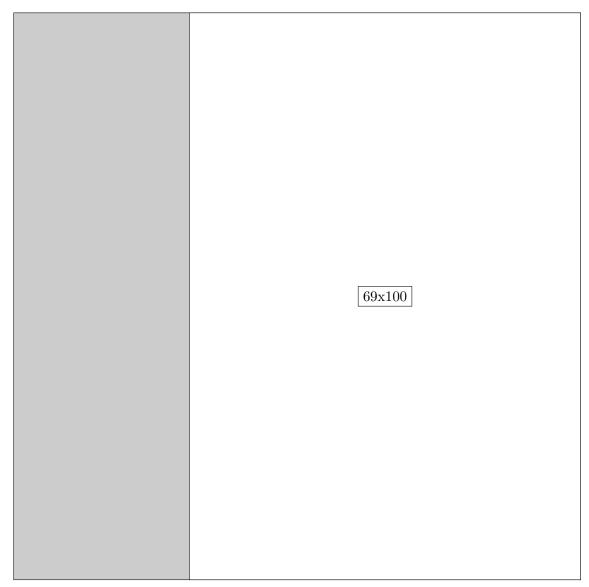
BinSize:  $\underline{100 \times 100}$ ReduceSize:  $\underline{100 \times 100}$ 

TypeNum: <u>59</u> Num: <u>60</u> OutS: <u>450000</u> InS: <u>292824</u> Rate: <u>0.651</u> UB: <u>45</u> LB: <u>45</u>

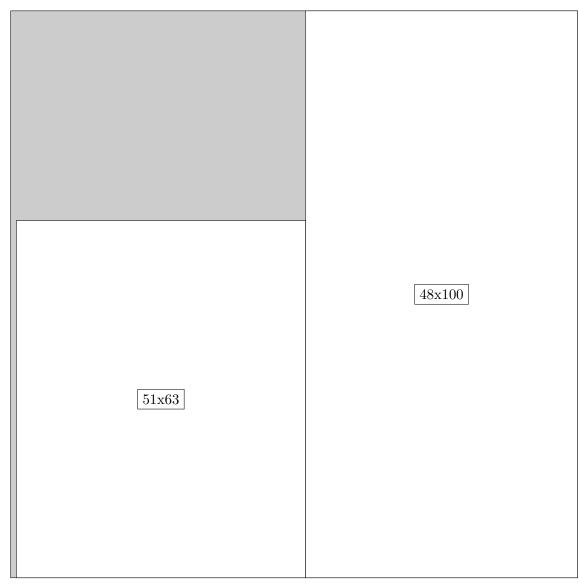
LBWithCut:  $\underline{45}$ NodeCount:  $\underline{0}$ PrimalNode:  $\underline{0}$ ColumnCount:  $\underline{45}$ TotalCutCount:  $\underline{0}$ RootCutCount:  $\underline{0}$ LPSolverCnt:  $\underline{1}$ PricingSolverCnt:  $\underline{0}$ BranchAndBoundNum:  $\underline{1}$ 

isOpt: **true** 

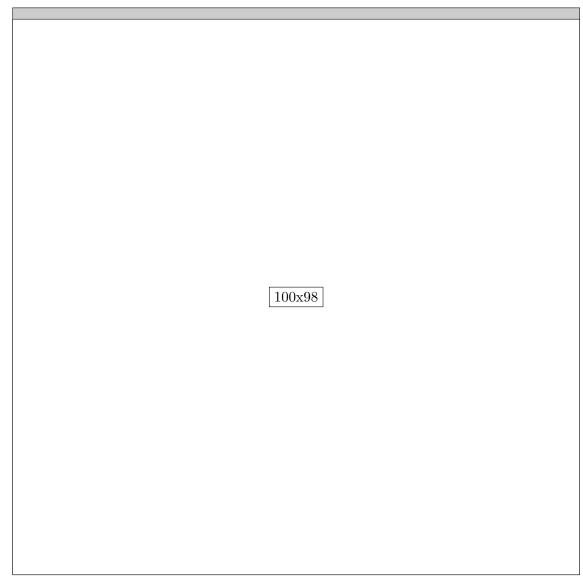
 $\begin{array}{ll} \text{TimeOnPrimal: } \underline{0.000 \text{ s}} \\ \text{TimeOnPricing: } \underline{0.000 \text{ s}} \\ \text{TimeOnRmp: } \underline{0.062 \text{ s}} \\ \text{TotalTime: } \underline{0.187 \text{ s}} \end{array}$ 



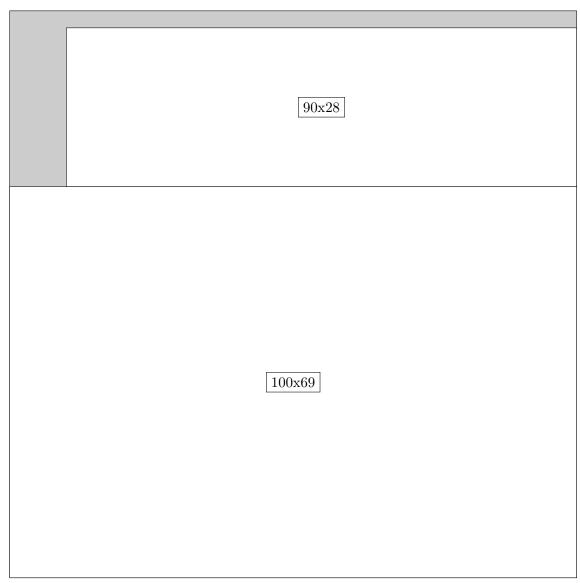
 $\le =69$  , h = 100 , x = 31 , y = 0 , v = 6900



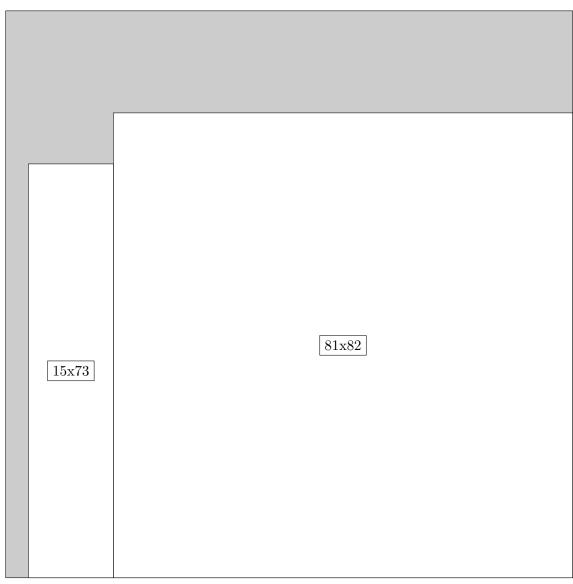
 $\begin{array}{l} w = \! 48 \ , \ h = \! 100 \ , \ x = \! 52 \ , \ y = \! 0 \ , \ v = \! 4800 \\ w = \! 51 \ , \ h = \! 63 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 3213 \end{array}$ 



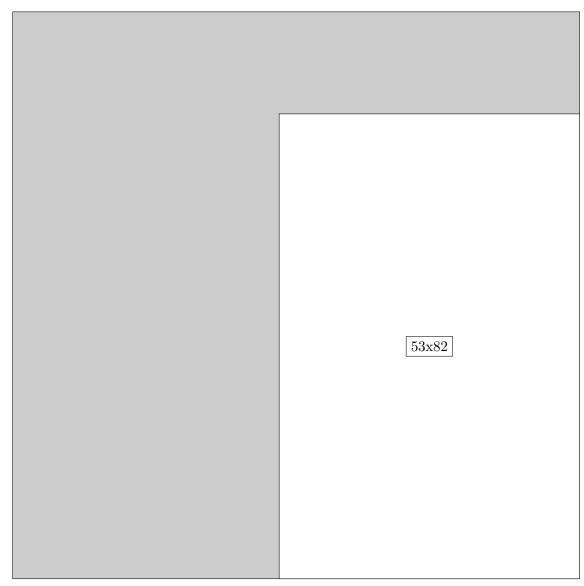
 $\le =100$  , h =98 , x =0 , y =0 , v =9800



$$\begin{array}{c} w = 100 \; , \; h = 69 \; , \; x = 0 \; , \; y = 0 \; , \; v = 6900 \\ w = 90 \; , \; h = 28 \; , \; x = 10 \; , \; y = 69 \; , \; v = 2520 \\ \end{array}$$



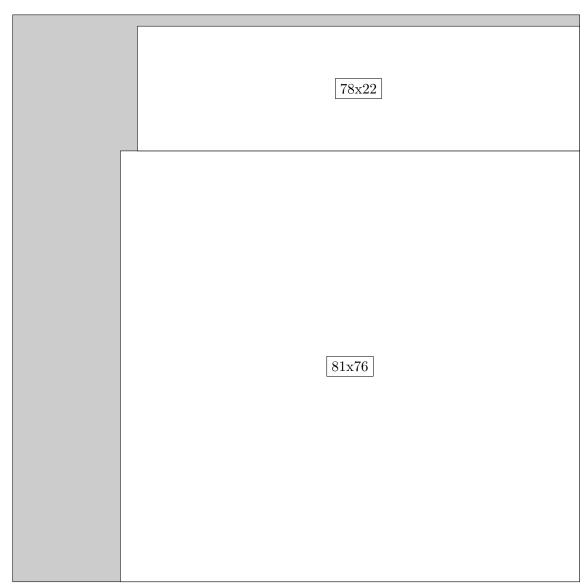
$$w$$
 =81 ,  $h$  =82 ,  $x$  =19 ,  $y$  =0 ,  $v$  =6642  $w$  =15 ,  $h$  =73 ,  $x$  =4 ,  $y$  =0 ,  $v$  =1095



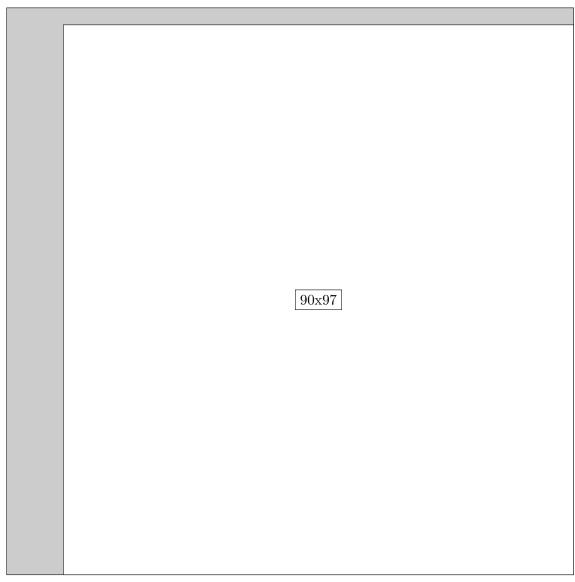
 $\le =53$  , h =82 , x =47 , y =0 , v =4346



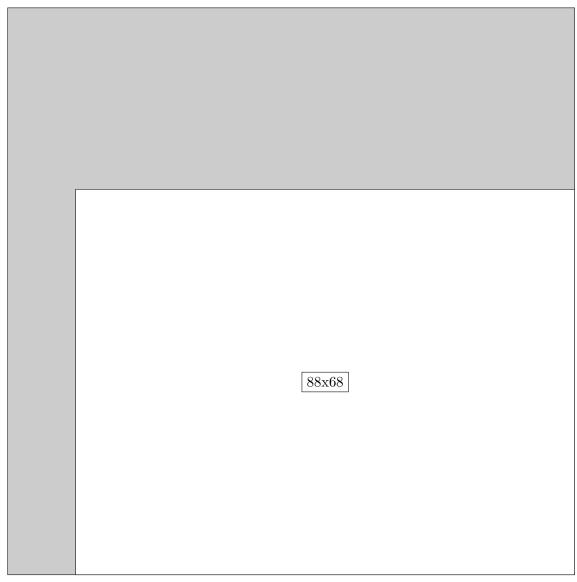
$$\begin{array}{l} w = \! 75 \ , \, h = \! 39 \ , \, x = \! 25 \ , \, y = \! 0 \ , \, v = \! 2925 \\ w = \! 55 \ , \, h = \! 61 \ , \, x = \! 45 \ , \, y = \! 39 \ , \, v = \! 3355 \end{array}$$



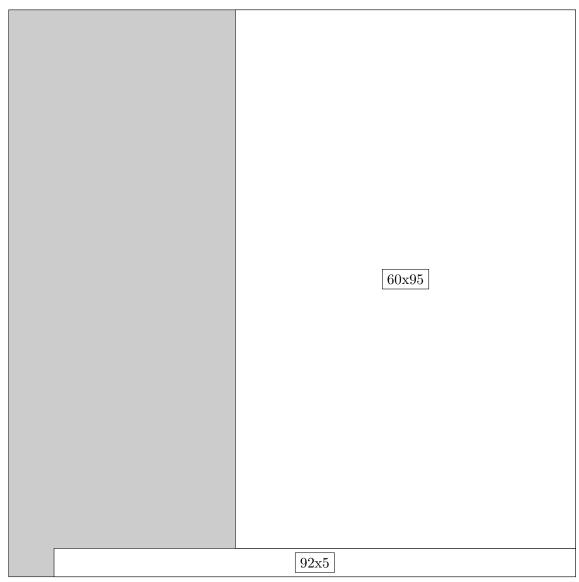
$$\begin{array}{l} w = \! 81 \ , \, h = \! 76 \ , \, x = \! 19 \ , \, y = \! 0 \ , \, v = \! 6156 \\ w = \! 78 \ , \, h = \! 22 \ , \, x = \! 22 \ , \, y = \! 76 \ , \, v = \! 1716 \end{array}$$



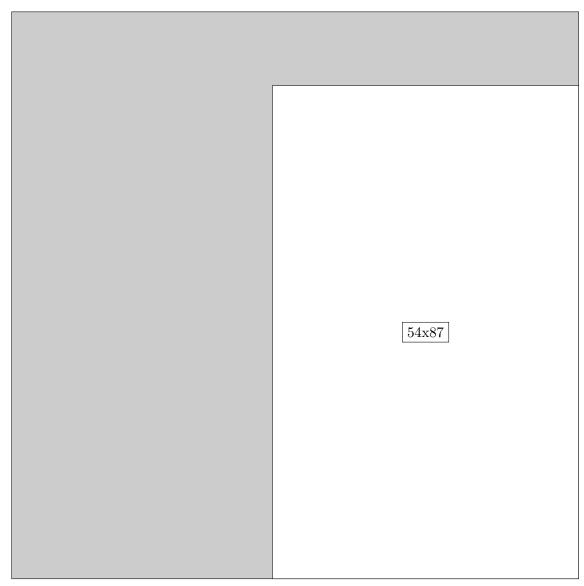
 $\le =90$  , h =97 , x =10 , y =0 , v =8730



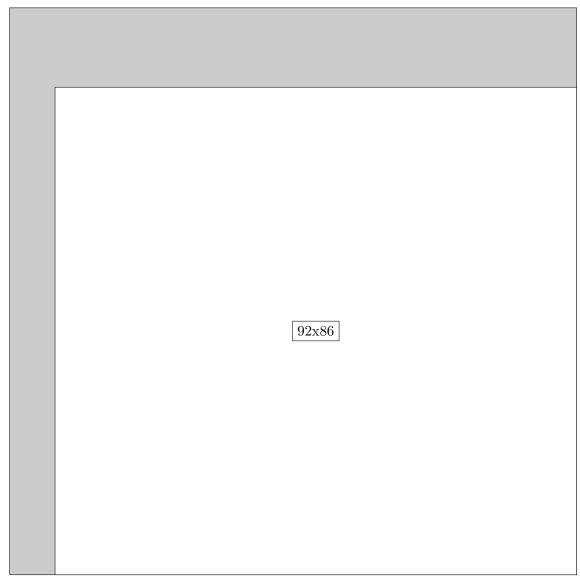
 $\le =88$  , h =68 , x =12 , y =0 , v =5984



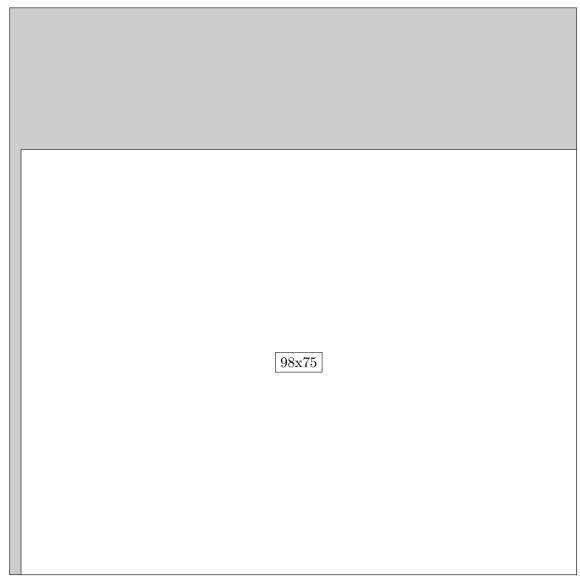
 $\begin{array}{l} w = 92 \ , \ h = 5 \ , \ x = 8 \ , \ y = 0 \ , \ v = 460 \\ w = 60 \ , \ h = 95 \ , \ x = 40 \ , \ y = 5 \ , \ v = 5700 \end{array}$ 



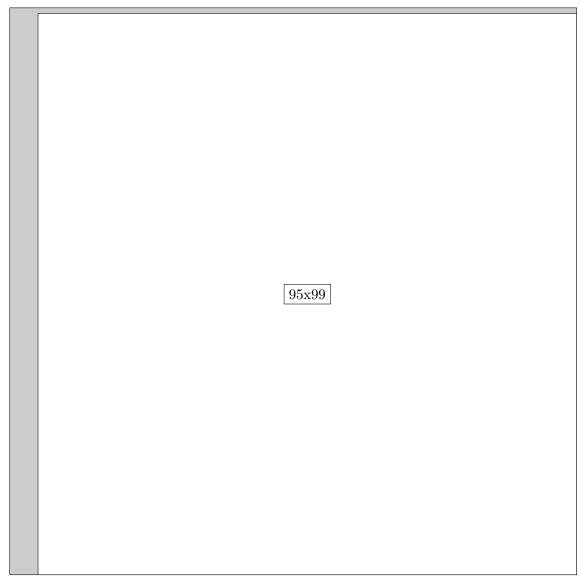
 $\le =54$  , h=87 , x=46 , y=0 , v=4698



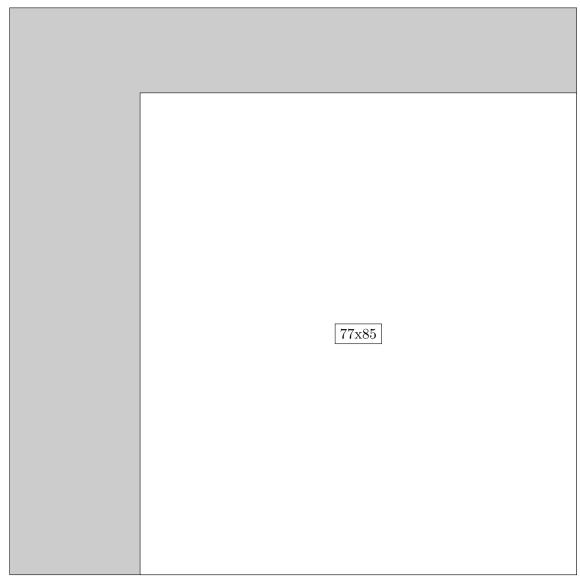
 $\le =92$  , h =86 , x =8 , y =0 , v =7912



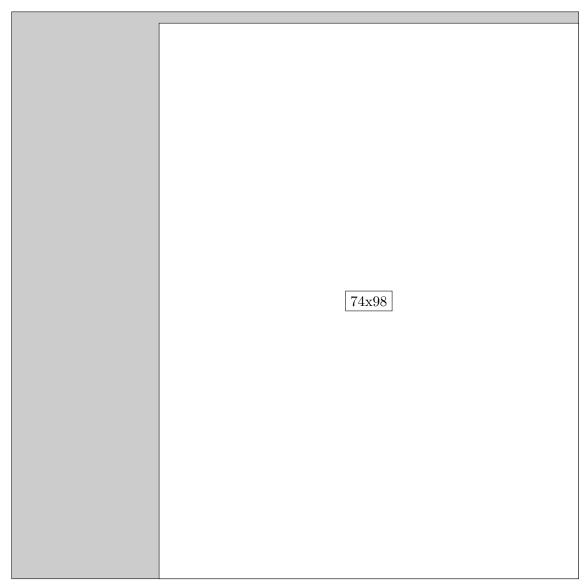
 $\le =98$  , h =75 , x =2 , y =0 , v =7350



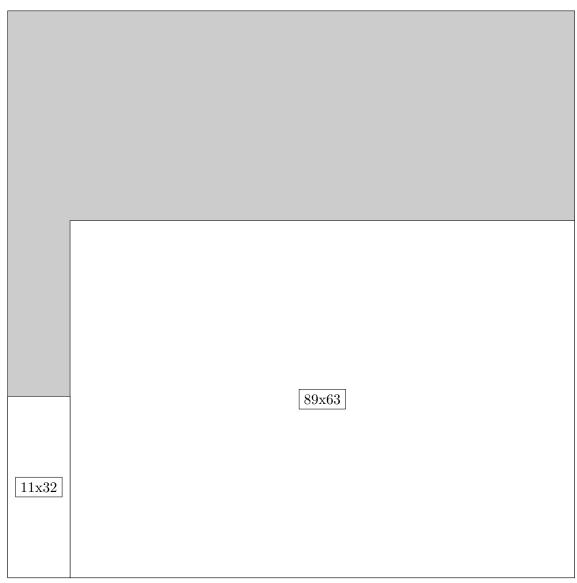
 $\le =95$  , h =99 , x =5 , y =0 , v =9405



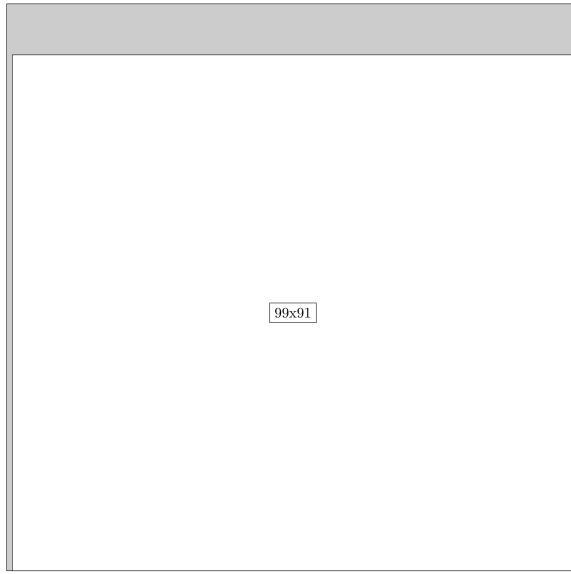
 $\le =77$  , h = 85 , x = 23 , y = 0 , v = 6545



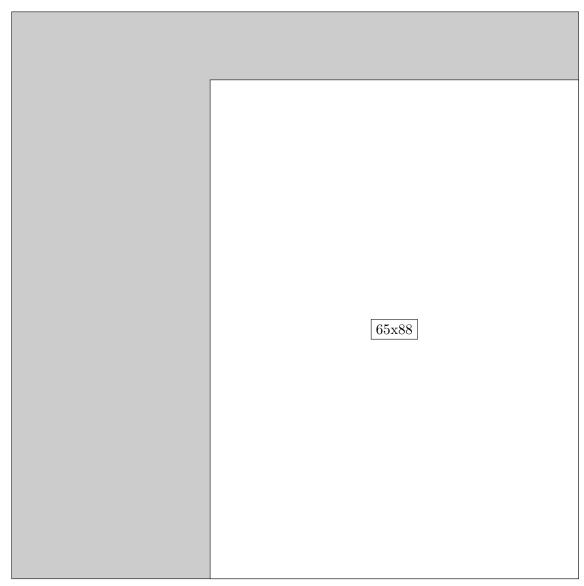
 $\le =74$  , h =98 , x =26 , y =0 , v =7252



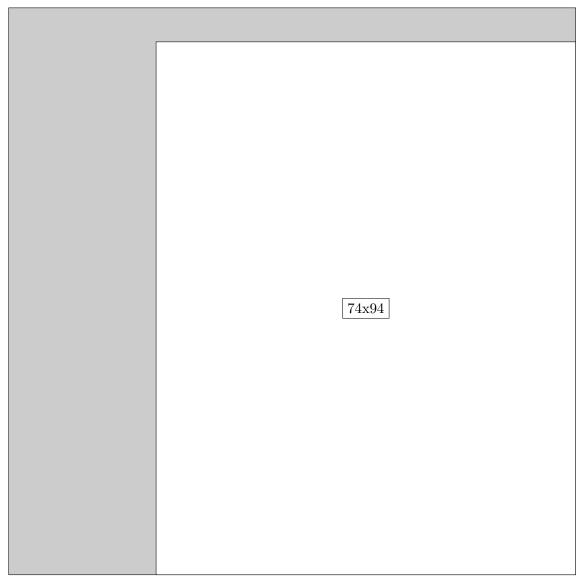
$$\begin{array}{l} w = \! 89 \ , \ h = \! 63 \ , \ x = \! 11 \ , \ y = \! 0 \ , \ v = \! 5607 \\ w = \! 11 \ , \ h = \! 32 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 352 \end{array}$$



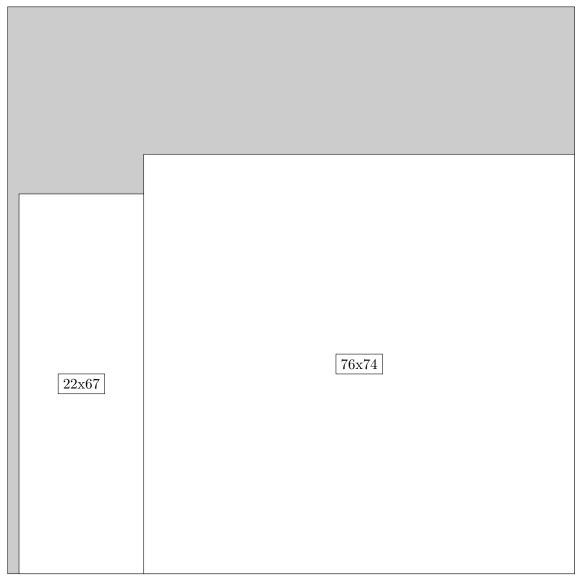
 $\le =99$  , h =91 , x =1 , y =0 , v =9009

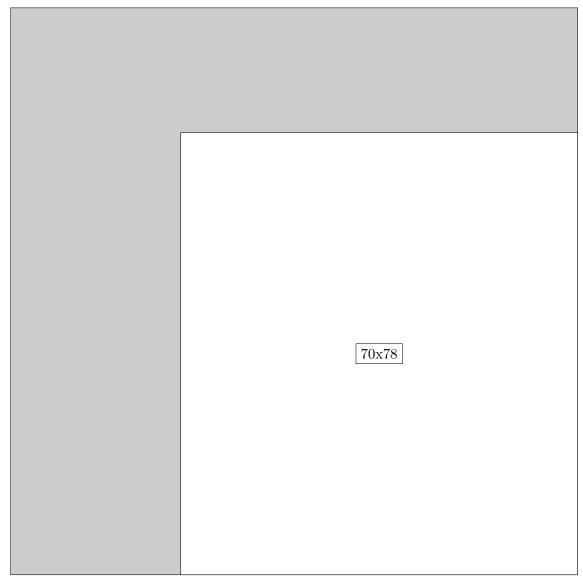


 $\le =65$  , h =88 , x =35 , y =0 , v =5720

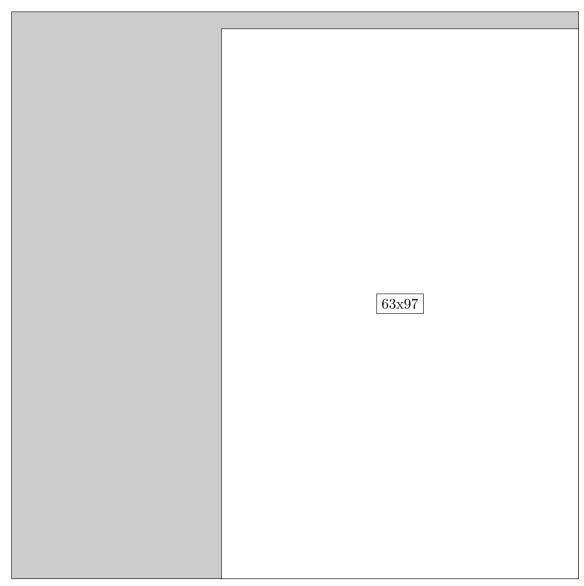


 $\le =74$  , h =94 , x =26 , y =0 , v =6956

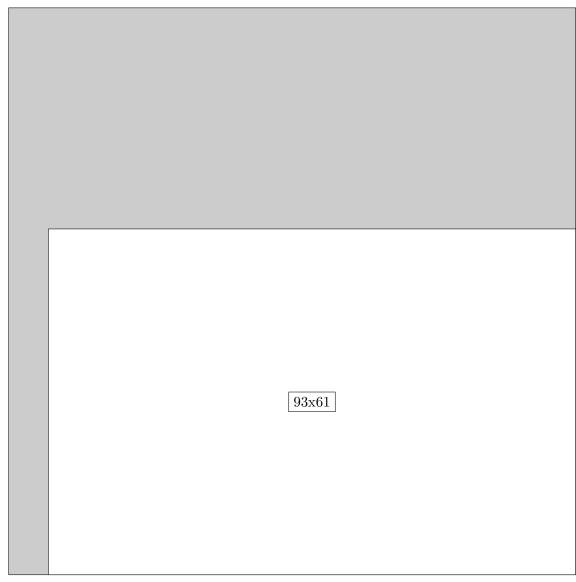




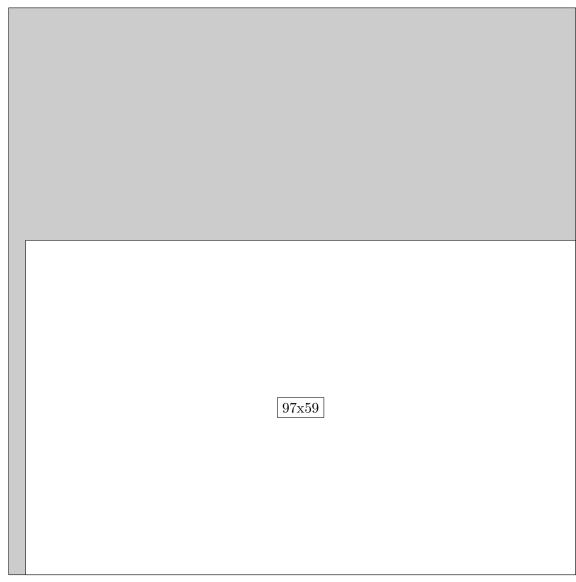
 $\le =70$  , h =78 , x =30 , y =0 , v =5460



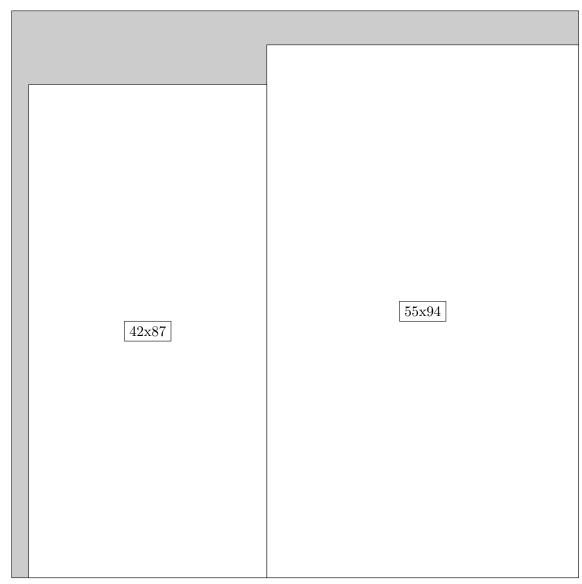
 $\le =63$  , h =97 , x =37 , y =0 , v =6111

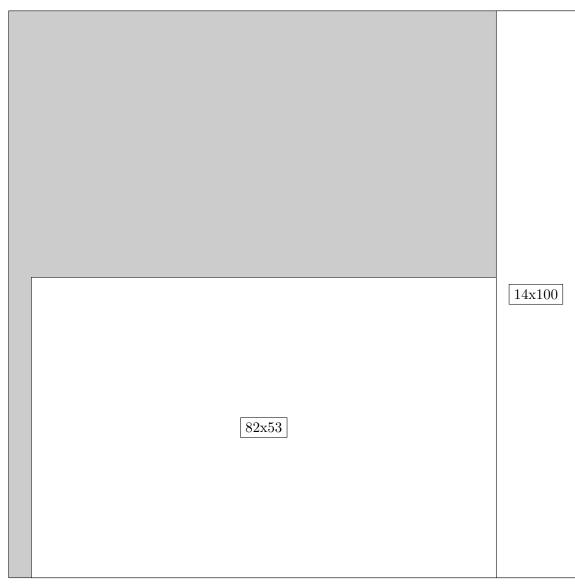


 $\le =93$  , h=61 , x=7 , y=0 , v=5673

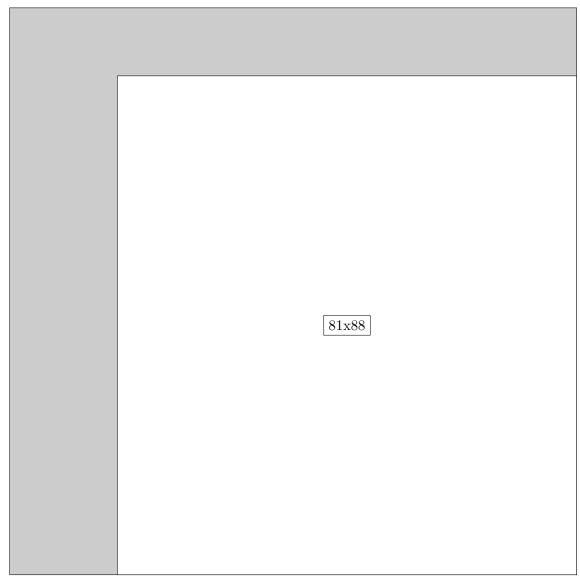


 $\le =97$  , h =59 , x =3 , y =0 , v =5723

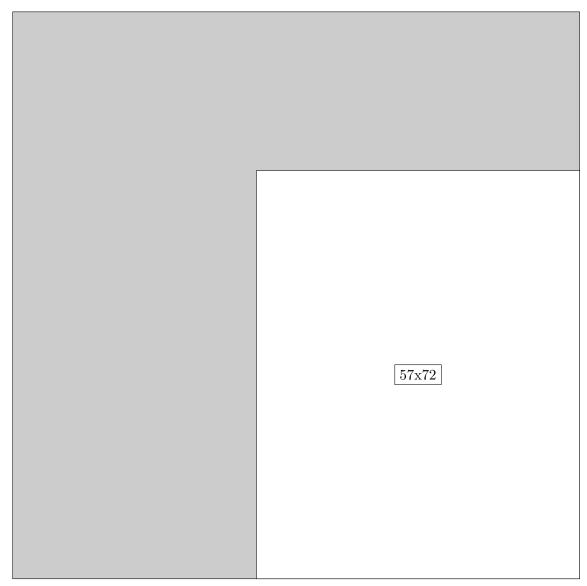




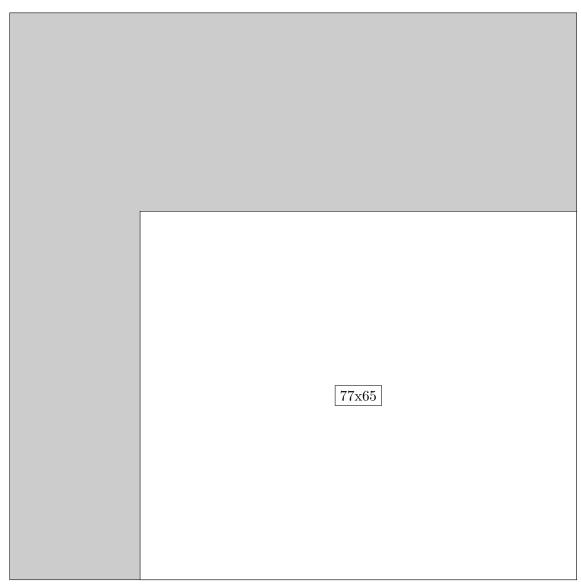
$$\begin{array}{l} w = \! 14 \; , \; h = \! 100 \; , \; x = \! 86 \; , \; y = \! 0 \; , \; v = \! 1400 \\ w = \! 82 \; , \; h = \! 53 \; , \; x = \! 4 \; , \; y = \! 0 \; , \; v = \! 4346 \end{array}$$



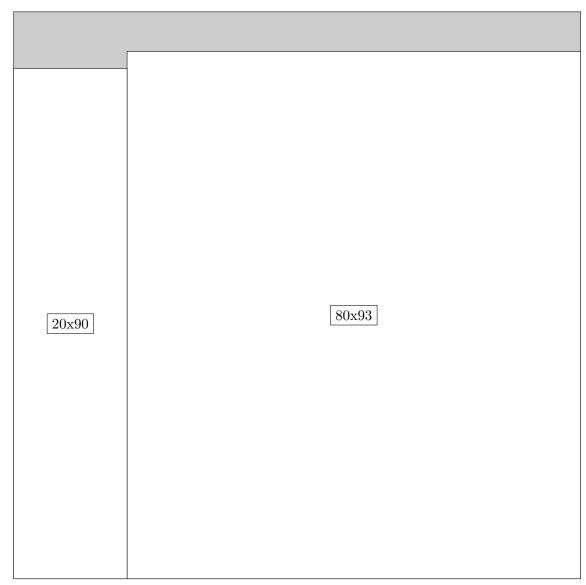
 $\le =81$  , h=88 , x=19 , y=0 , v=7128



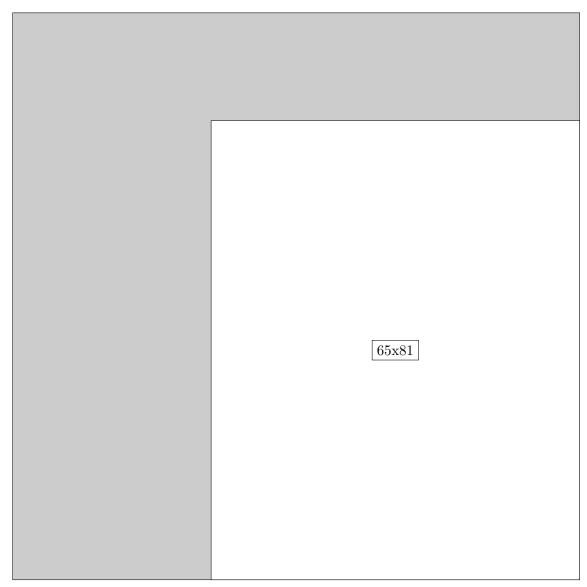
 $\le 57$  , h =72 , x =43 , y =0 , v =4104



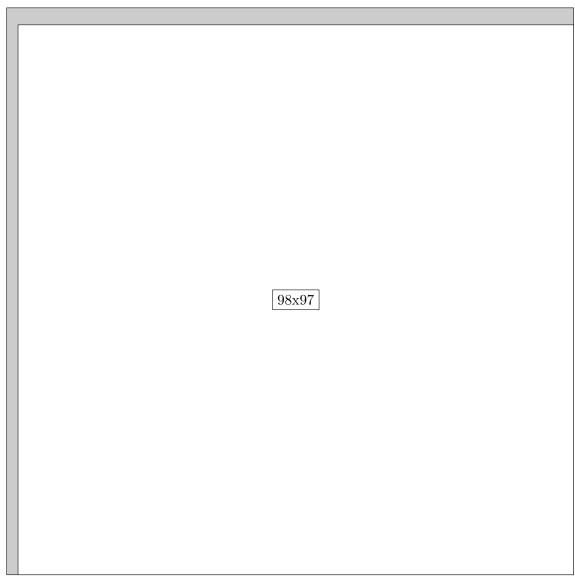
 $\le =77$  , h =65 , x =23 , y =0 , v =5005



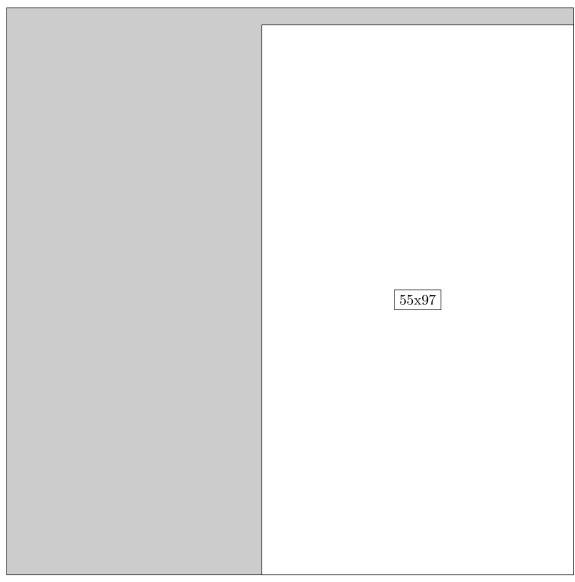
$$\begin{array}{l} w = \! 80 \ , \ h = \! 93 \ , \ x = \! 20 \ , \ y = \! 0 \ , \ v = \! 7440 \\ w = \! 20 \ , \ h = \! 90 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1800 \end{array}$$



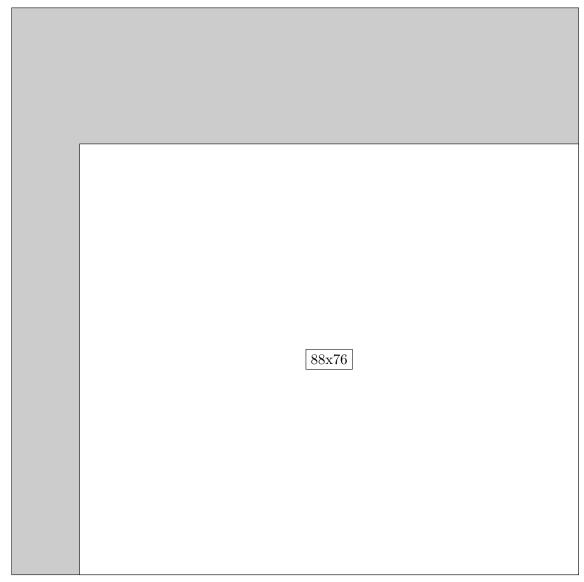
 $\le =65$  , h =81 , x =35 , y =0 , v =5265



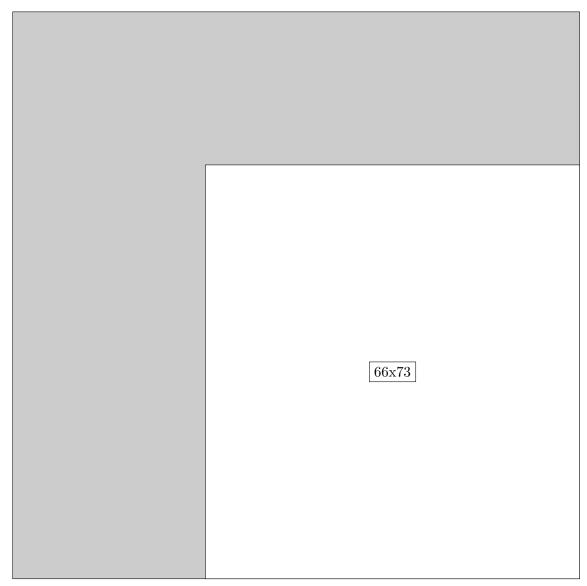
 $\le =98$  , h =97 , x =2 , y =0 , v =9506



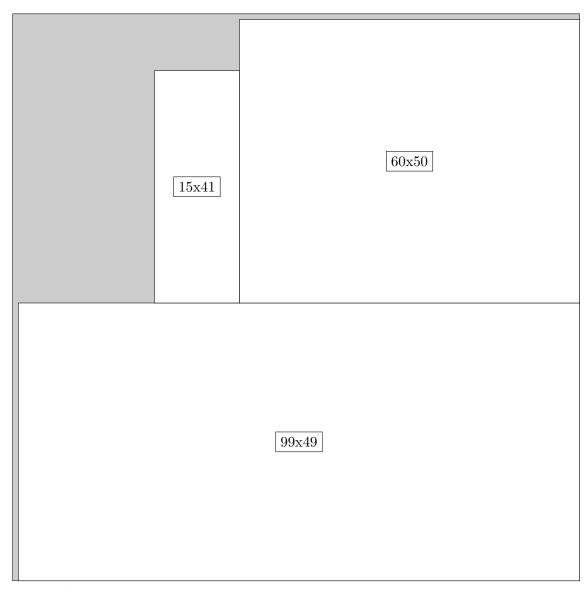
 $\le =55$  , h =97 , x =45 , y =0 , v =5335



 $\le =88$  , h =76 , x =12 , y =0 , v =6688



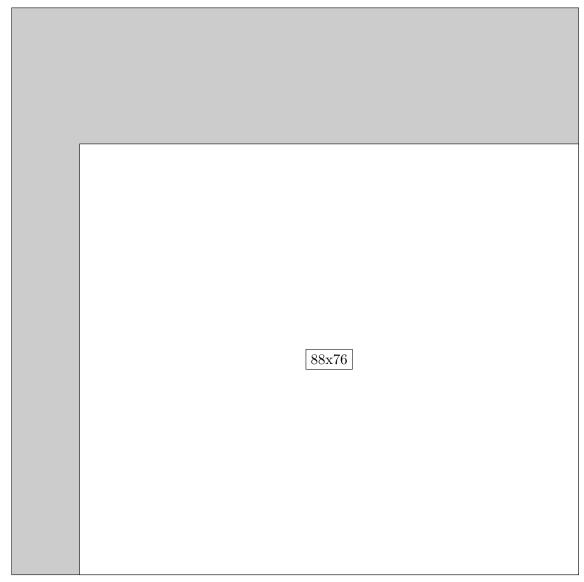
 $\le =66$  , h =73 , x =34 , y =0 , v =4818



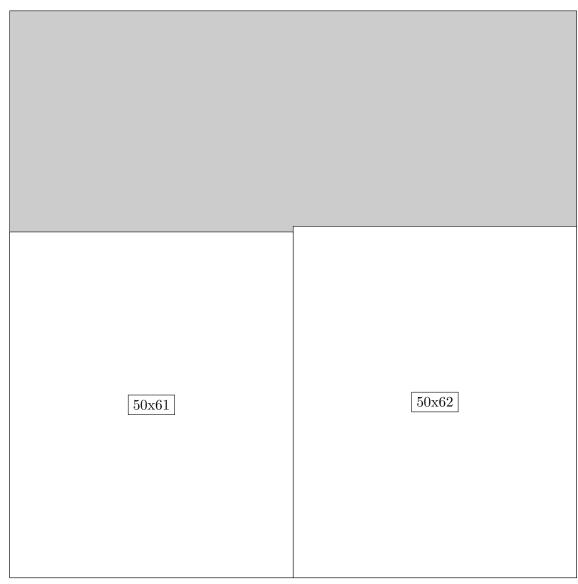
$$\le =99$$
 , h =49 , x =1 , y =0 , v =4851

$$\le =60$$
 ,  $h=\!50$  ,  $x=\!40$  ,  $y=\!49$  ,  $v=\!3000$ 

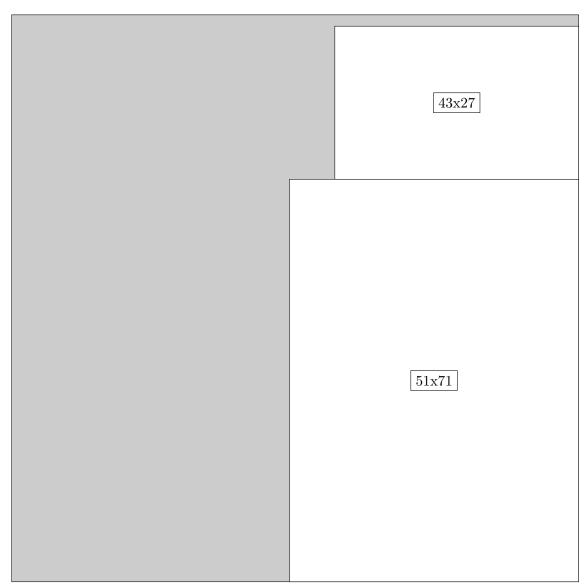
$$w$$
 =15 ,  $h$  =41 ,  $x$  =25 ,  $y$  =49 ,  $v$  =615



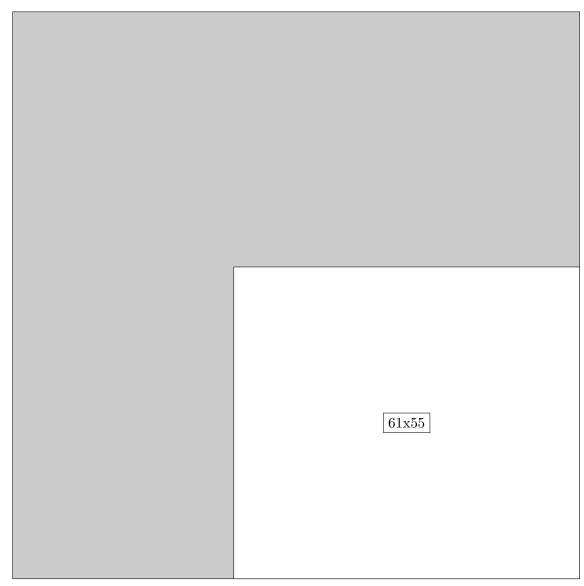
 $\le =88$  , h =76 , x =12 , y =0 , v =6688



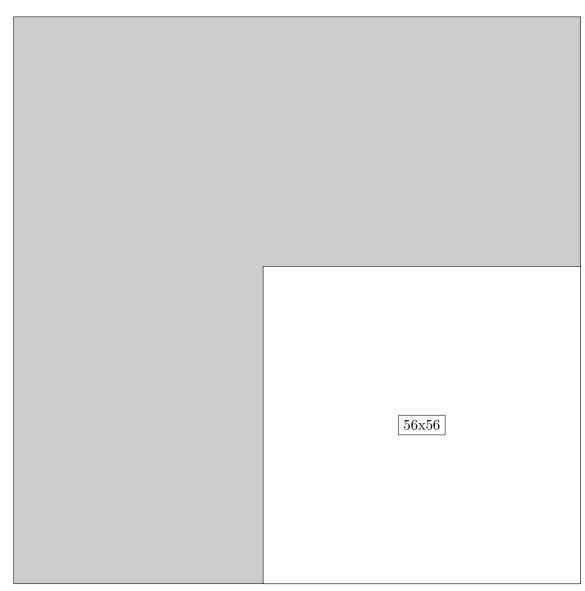
$$\begin{array}{l} w = \! 50 \ , \ h = \! 62 \ , \ x = \! 50 \ , \ y = \! 0 \ , \ v = \! 3100 \\ w = \! 50 \ , \ h = \! 61 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3050 \end{array}$$



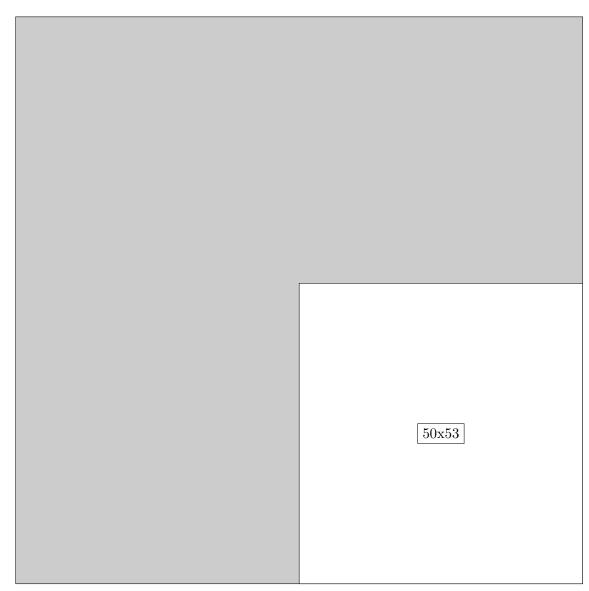
$$\begin{array}{l} w = \! 51 \ , \ h = \! 71 \ , \ x = \! 49 \ , \ y = \! 0 \ , \ v = \! 3621 \\ w = \! 43 \ , \ h = \! 27 \ , \ x = \! 57 \ , \ y = \! 71 \ , \ v = \! 1161 \end{array}$$



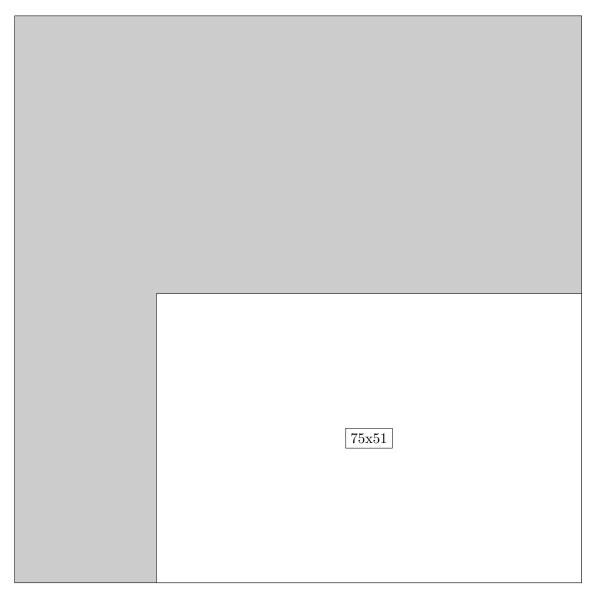
 $\le =61$  , h=55 , x=39 , y=0 , v=3355



 $\le =56$  , h=56 , x=44 , y=0 , v=3136



 $\le =50$  , h =53 , x =50 , y =0 , v =2650



 $\le =75$  , h =51 , x =25 , y =0 , v =3825