$ClassName: {\bf Class_09.2bp-21}$

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> LB0: <u>45</u>

LB: $\underline{45}$ LBWithCut: $\underline{45}$ NodeCut: $\underline{0}$

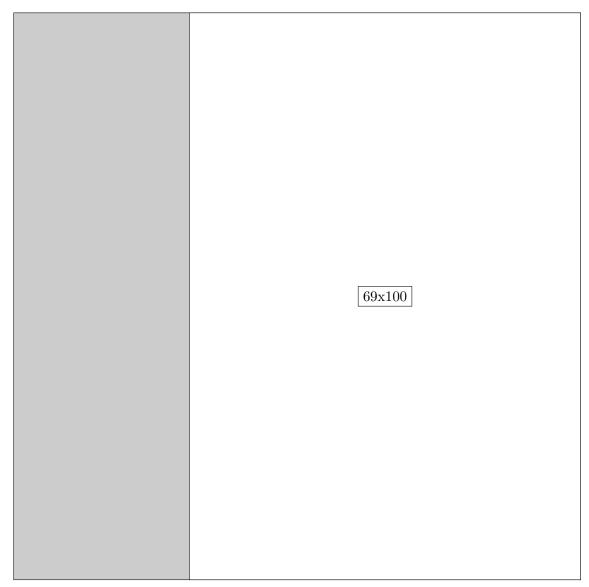
ExtendedNodeCnt: $\underline{\mathbf{1}}$

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

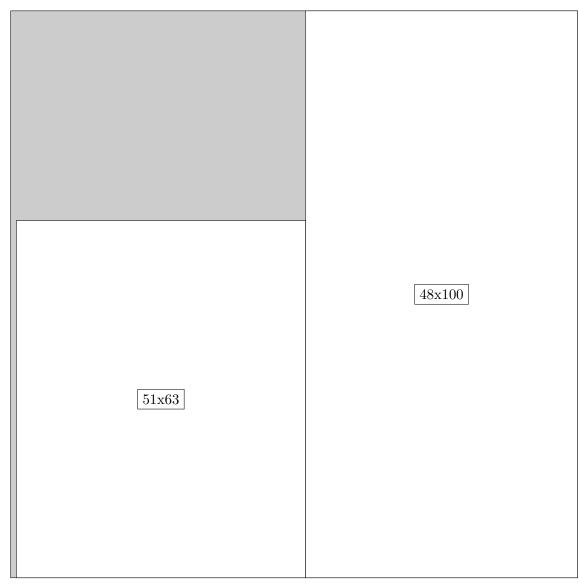
isOpt: $\underline{\mathbf{true}}$

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

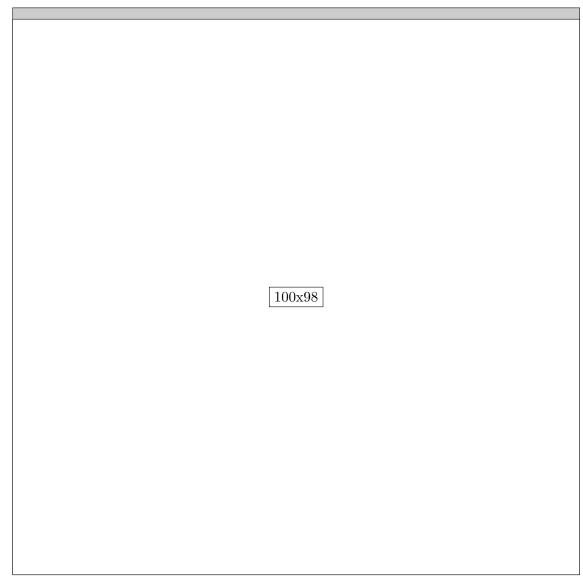
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.360 s



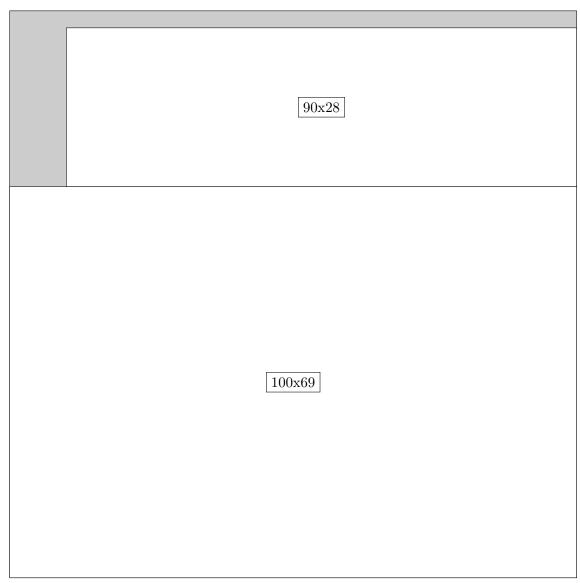
 $\le =69$, h = 100 , x = 31 , y = 0 , v = 6900



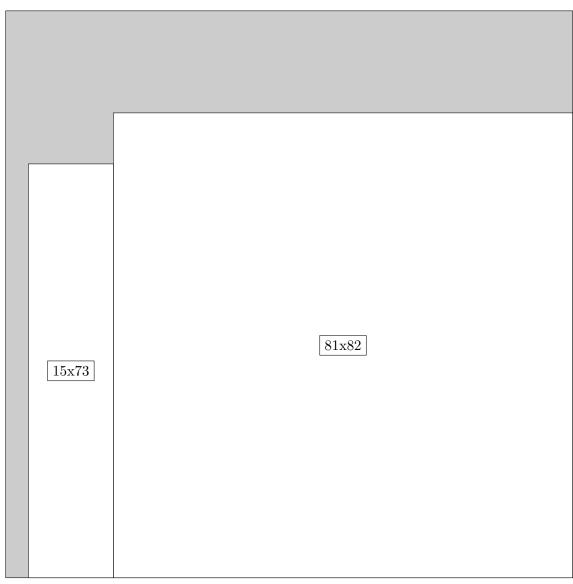
 $\begin{array}{l} w = \! 48 \ , \ h = \! 100 \ , \ x = \! 52 \ , \ y = \! 0 \ , \ v = \! 4800 \\ w = \! 51 \ , \ h = \! 63 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 3213 \end{array}$



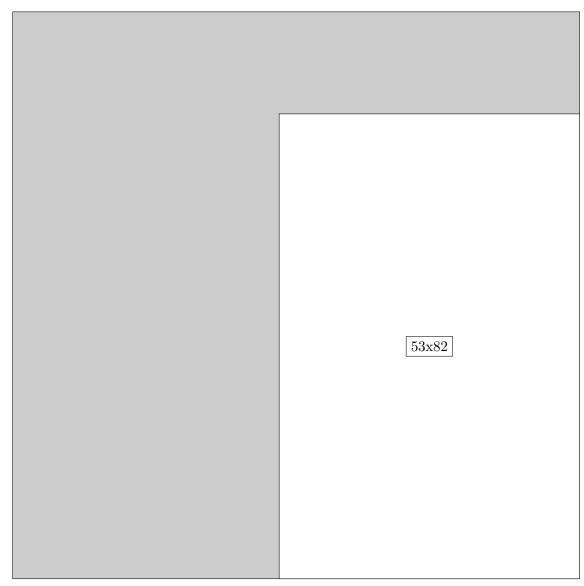
 $\le =100$, h =98 , x =0 , y =0 , v =9800



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



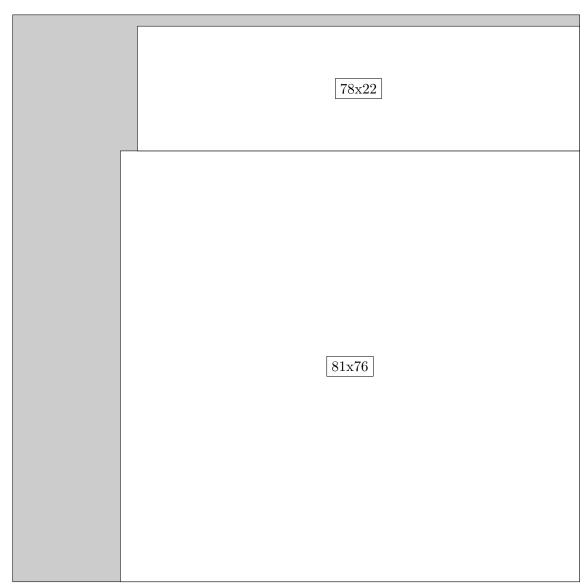
$$w$$
 =81 , h =82 , x =19 , y =0 , v =6642 w =15 , h =73 , x =4 , y =0 , v =1095



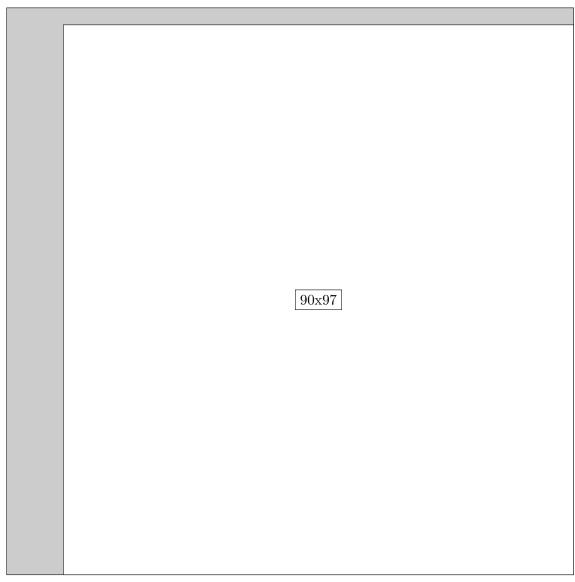
 $\le =53$, h =82 , x =47 , y =0 , v =4346



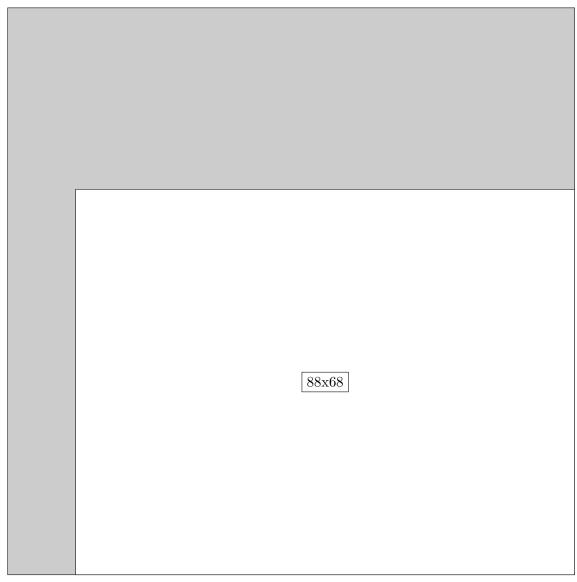
$$\begin{array}{l} w = \! 75 \ , \, h = \! 39 \ , \, x = \! 25 \ , \, y = \! 0 \ , \, v = \! 2925 \\ w = \! 55 \ , \, h = \! 61 \ , \, x = \! 45 \ , \, y = \! 39 \ , \, v = \! 3355 \end{array}$$



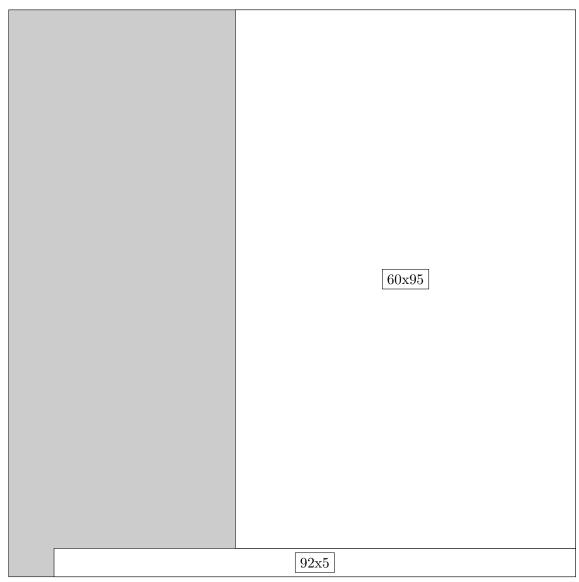
$$\begin{array}{l} w = \! 81 \ , \, h = \! 76 \ , \, x = \! 19 \ , \, y = \! 0 \ , \, v = \! 6156 \\ w = \! 78 \ , \, h = \! 22 \ , \, x = \! 22 \ , \, y = \! 76 \ , \, v = \! 1716 \end{array}$$



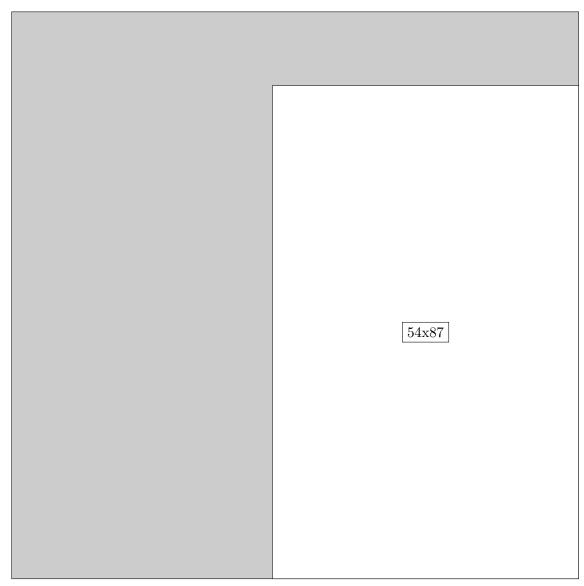
 $\le =90$, h =97 , x =10 , y =0 , v =8730



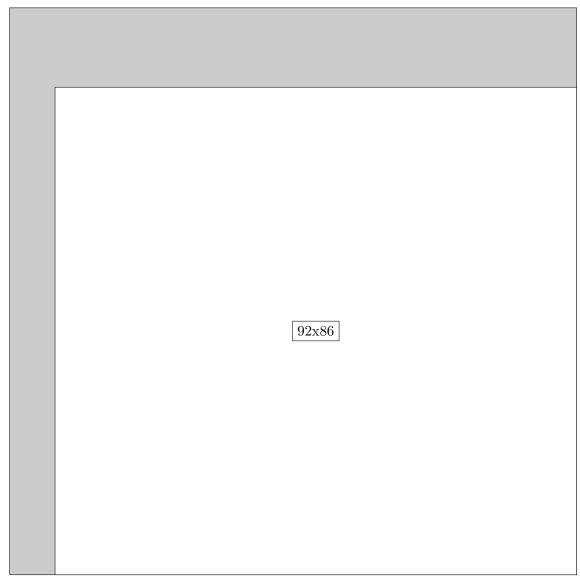
 $\le =88$, h =68 , x =12 , y =0 , v =5984



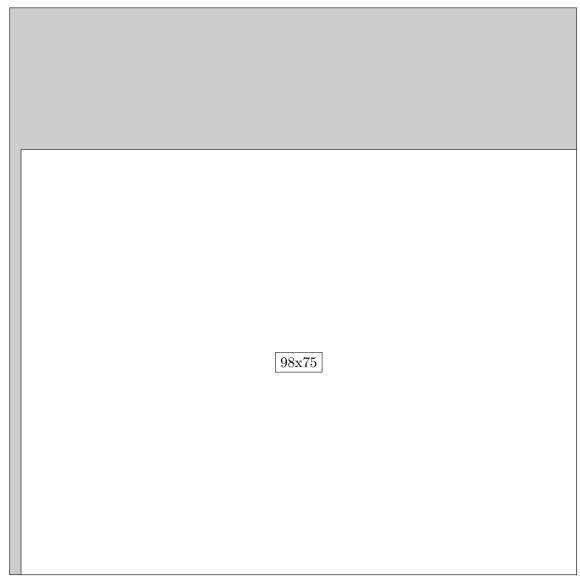
 $\begin{array}{l} w = 92 \ , \ h = 5 \ , \ x = 8 \ , \ y = 0 \ , \ v = 460 \\ w = 60 \ , \ h = 95 \ , \ x = 40 \ , \ y = 5 \ , \ v = 5700 \end{array}$



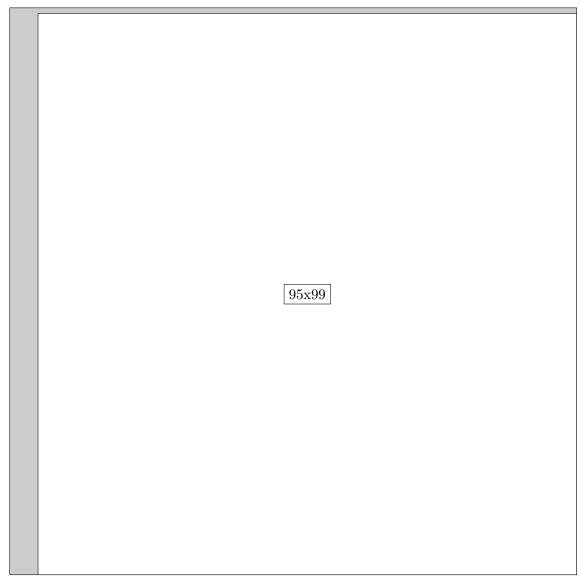
 $\le =54$, h =87 , x =46 , y =0 , v =4698



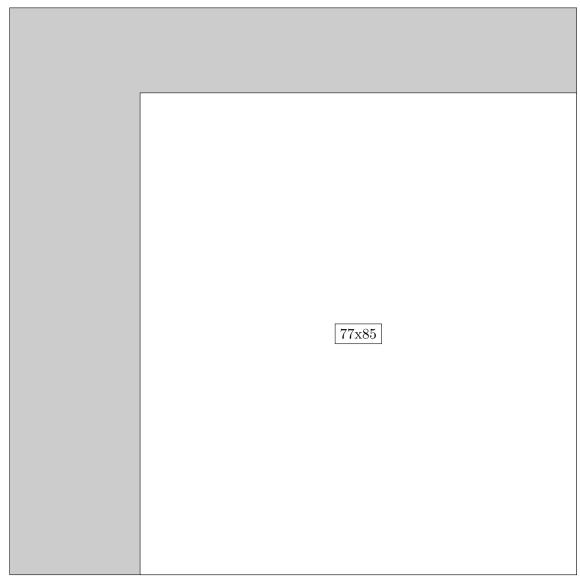
 $\le =92$, h =86 , x =8 , y =0 , v =7912



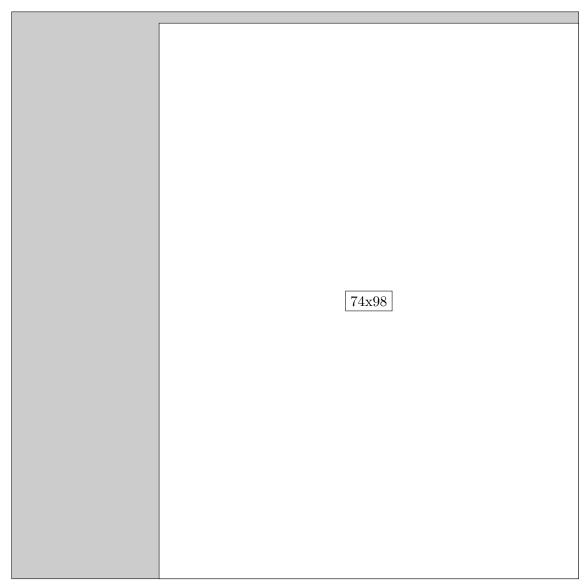
 $\le =98$, h =75 , x =2 , y =0 , v =7350



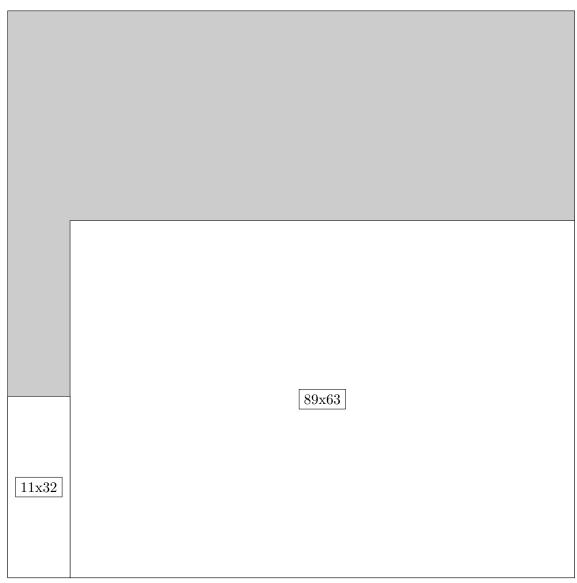
 $\le =95$, h =99 , x =5 , y =0 , v =9405



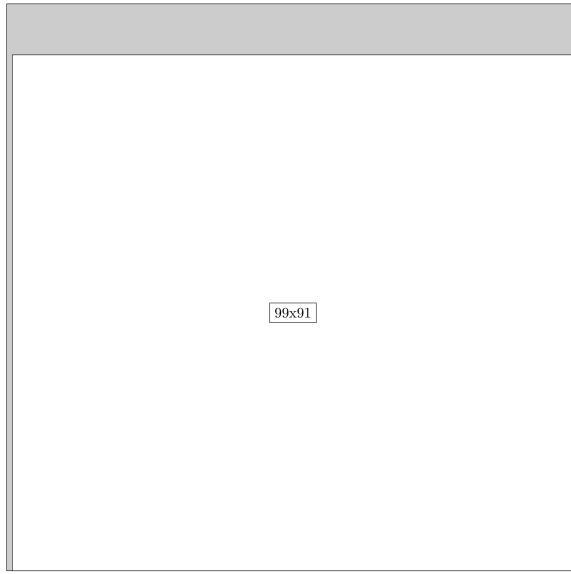
 $\le =77$, h = 85 , x = 23 , y = 0 , v = 6545



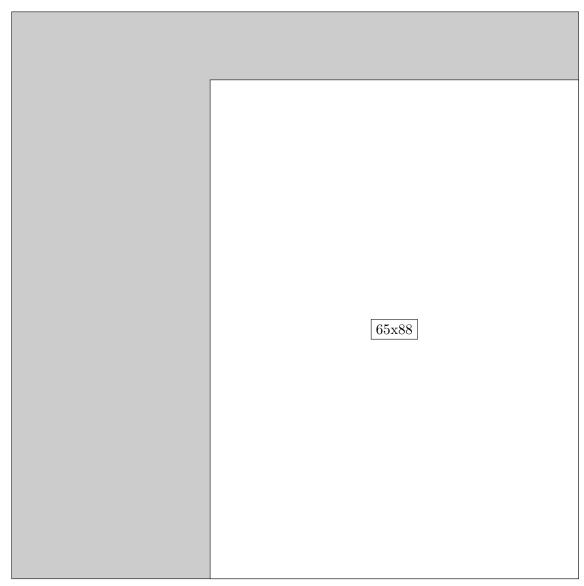
 $\le =74$, h =98 , x =26 , y =0 , v =7252



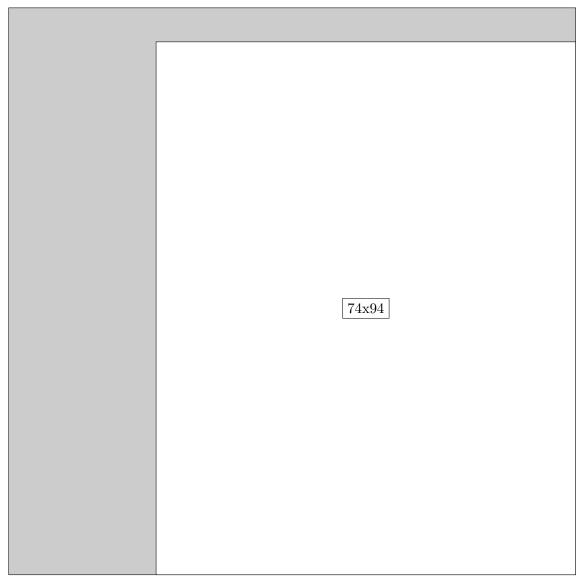
$$\begin{array}{l} w = \! 89 \ , \ h = \! 63 \ , \ x = \! 11 \ , \ y = \! 0 \ , \ v = \! 5607 \\ w = \! 11 \ , \ h = \! 32 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 352 \end{array}$$



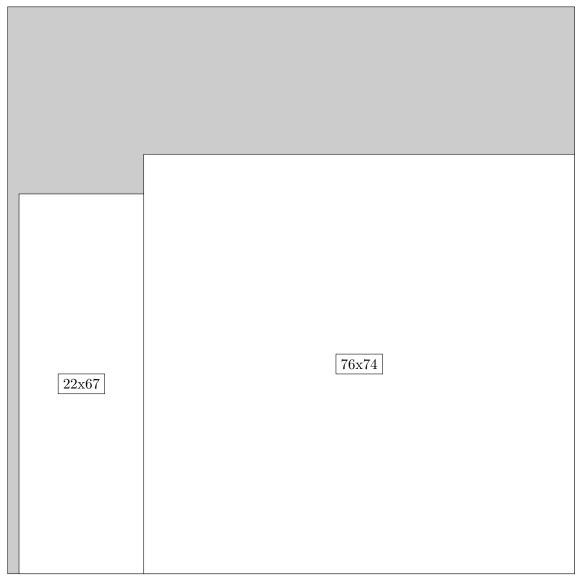
 $\le =99$, h =91 , x =1 , y =0 , v =9009

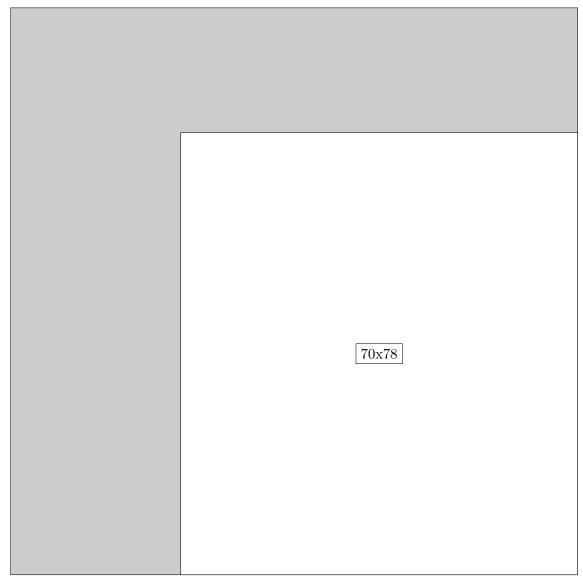


 $\le =65$, h =88 , x =35 , y =0 , v =5720

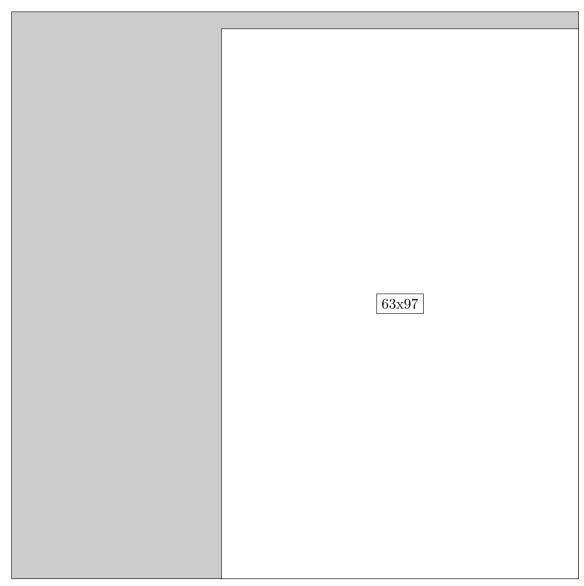


 $\le =74$, h =94 , x =26 , y =0 , v =6956

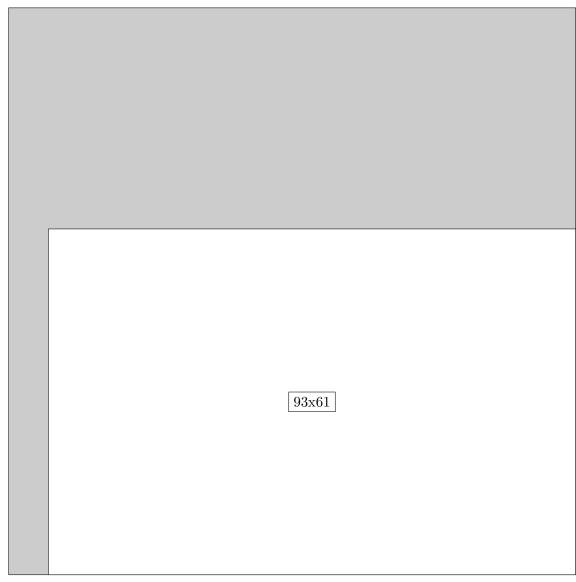




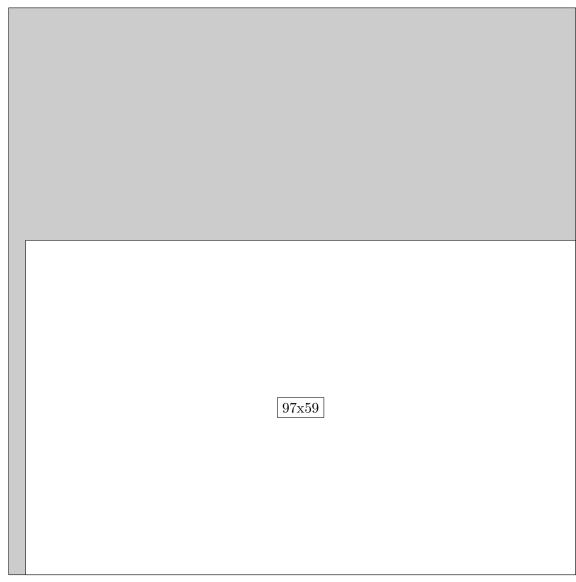
 $\le =70$, h =78 , x =30 , y =0 , v =5460



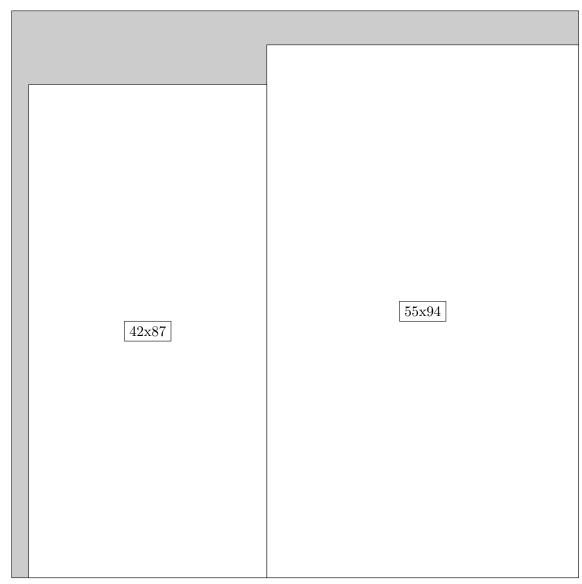
 $\le =63$, h =97 , x =37 , y =0 , v =6111

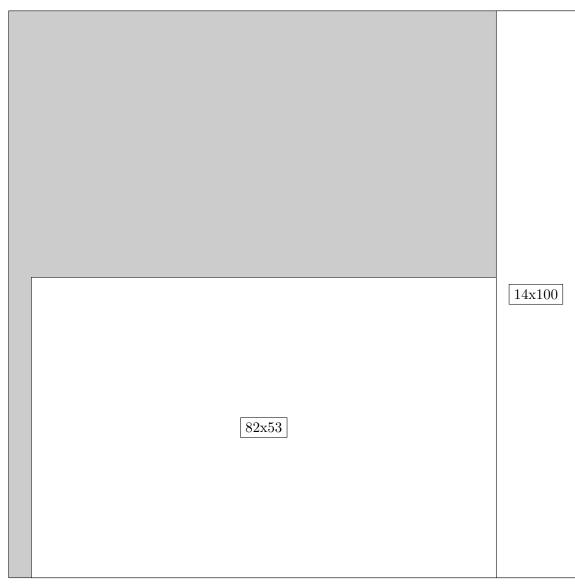


 $\le =93$, h=61 , x=7 , y=0 , v=5673

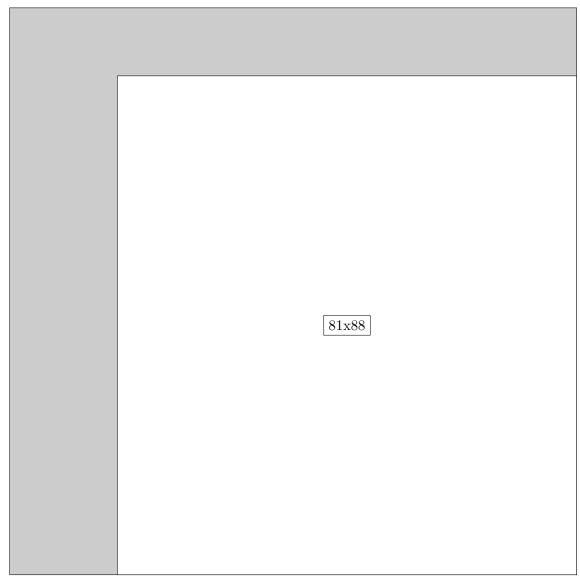


 $\le =97$, h =59 , x =3 , y =0 , v =5723

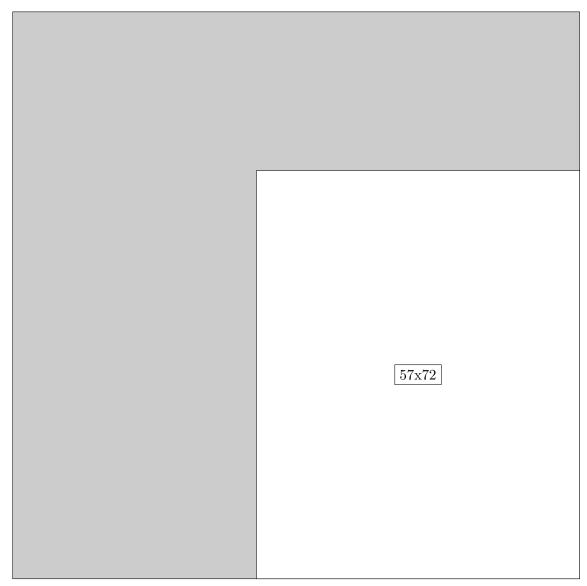




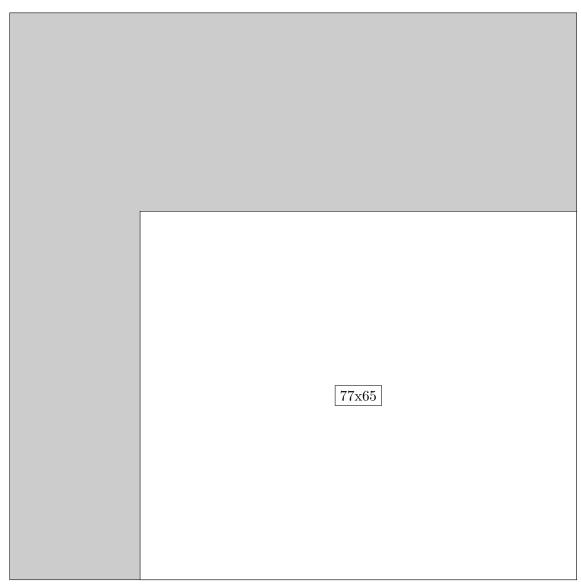
$$\begin{array}{l} w = \! 14 \; , \; h = \! 100 \; , \; x = \! 86 \; , \; y = \! 0 \; , \; v = \! 1400 \\ w = \! 82 \; , \; h = \! 53 \; , \; x = \! 4 \; , \; y = \! 0 \; , \; v = \! 4346 \end{array}$$



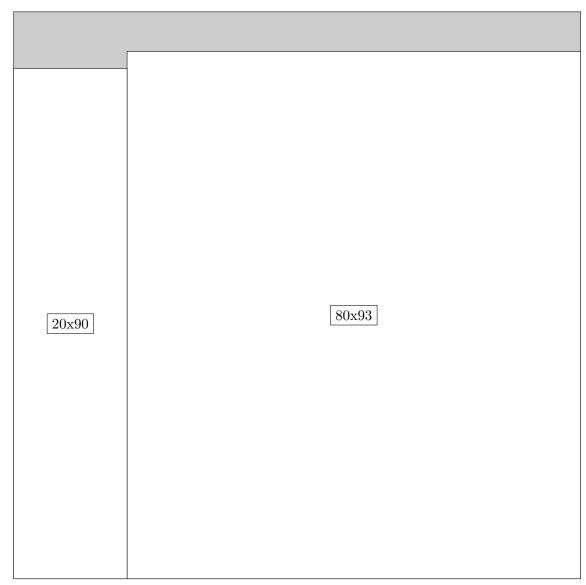
 $\le =81$, h=88 , x=19 , y=0 , v=7128



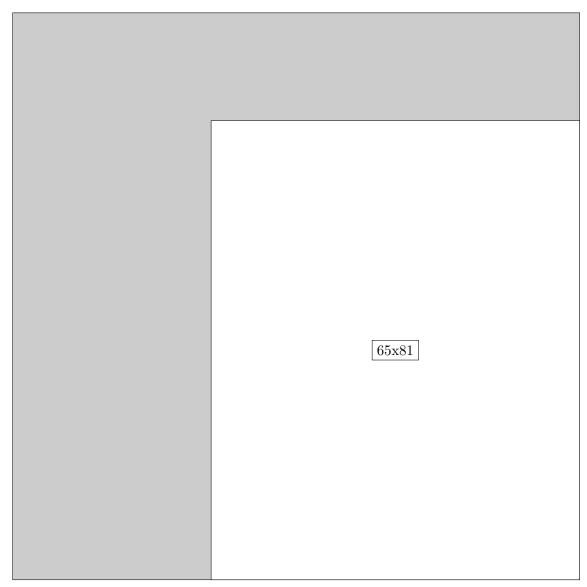
 ≤ 57 , h =72 , x =43 , y =0 , v =4104



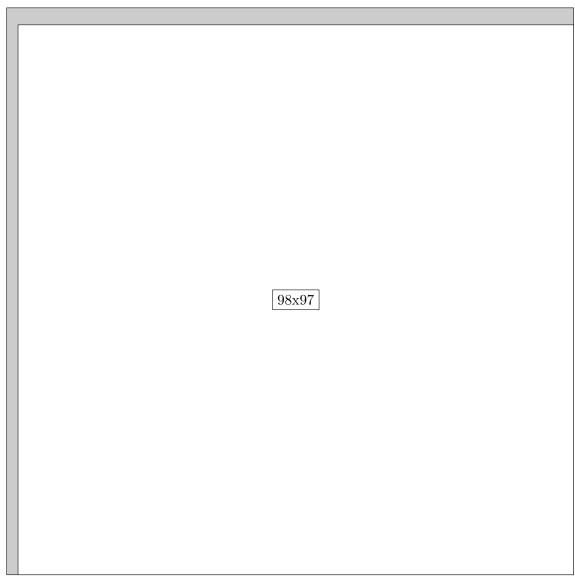
 $\le =77$, h =65 , x =23 , y =0 , v =5005



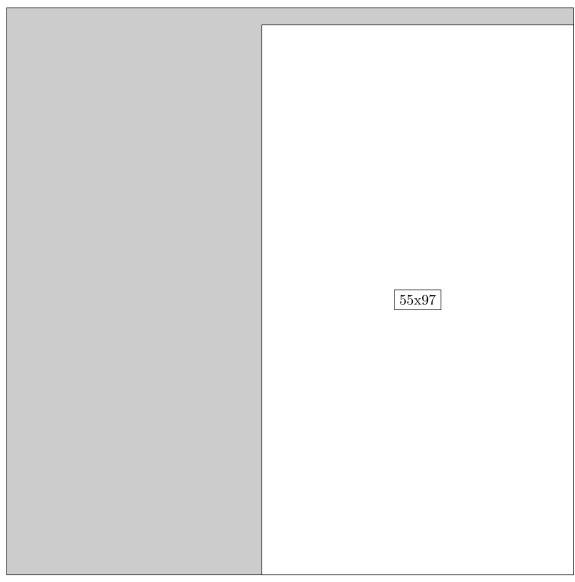
$$\begin{array}{l} w = \! 80 \ , \ h = \! 93 \ , \ x = \! 20 \ , \ y = \! 0 \ , \ v = \! 7440 \\ w = \! 20 \ , \ h = \! 90 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1800 \end{array}$$



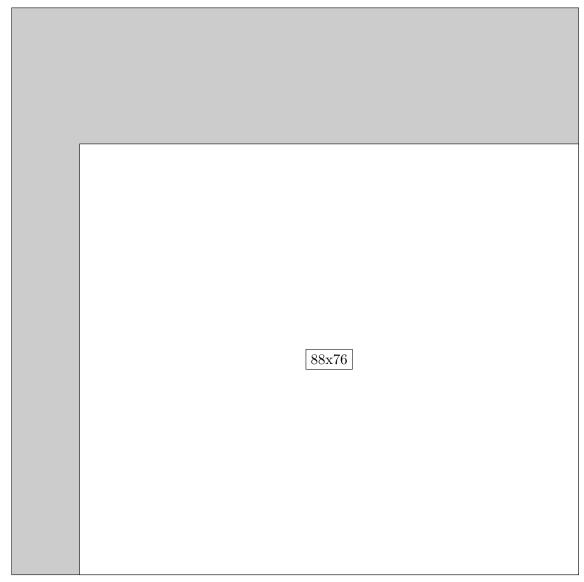
 $\le =65$, h =81 , x =35 , y =0 , v =5265



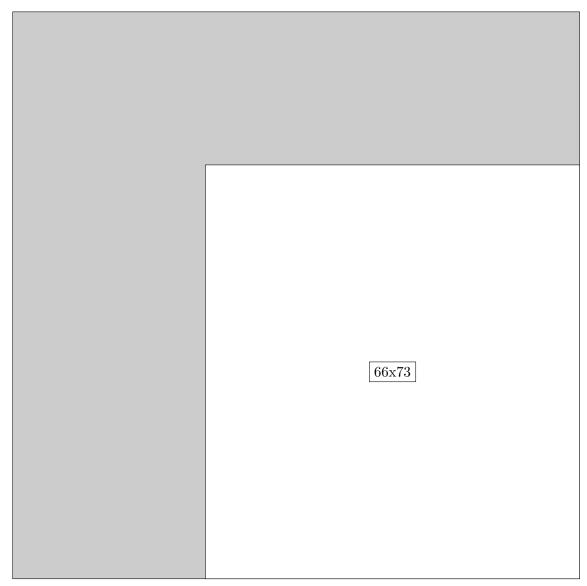
 $\le =98$, h =97 , x =2 , y =0 , v =9506



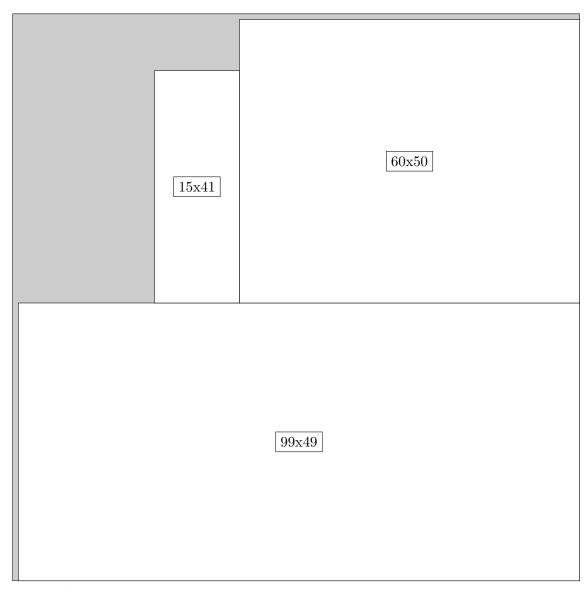
 $\le =55$, h =97 , x =45 , y =0 , v =5335



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



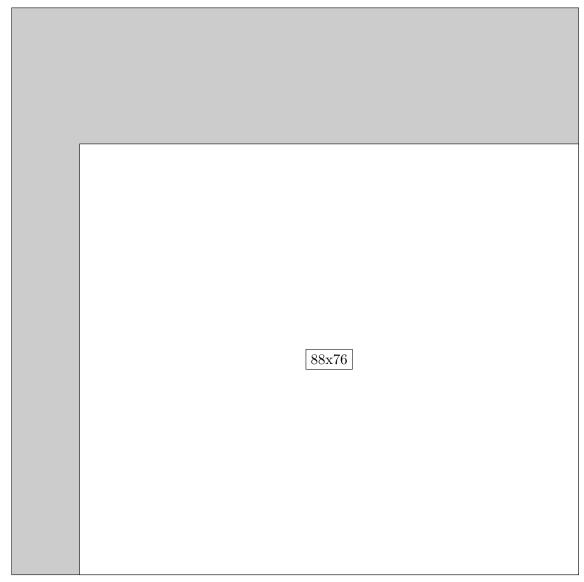
 $\le =66$, h =73 , x =34 , y =0 , v =4818



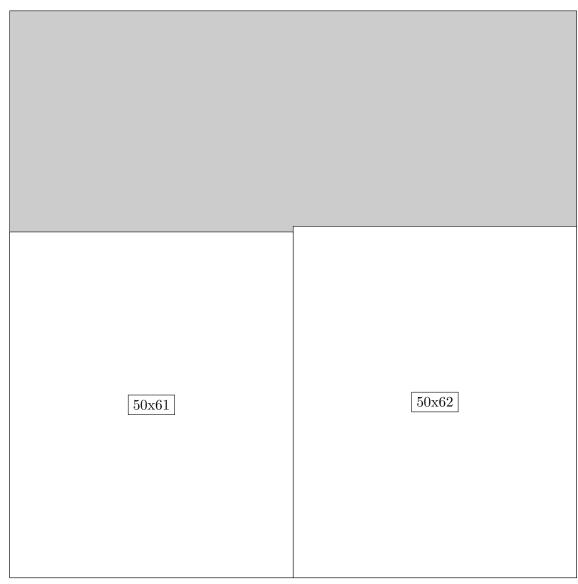
$$\le =99$$
 , h =49 , x =1 , y =0 , v =4851

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

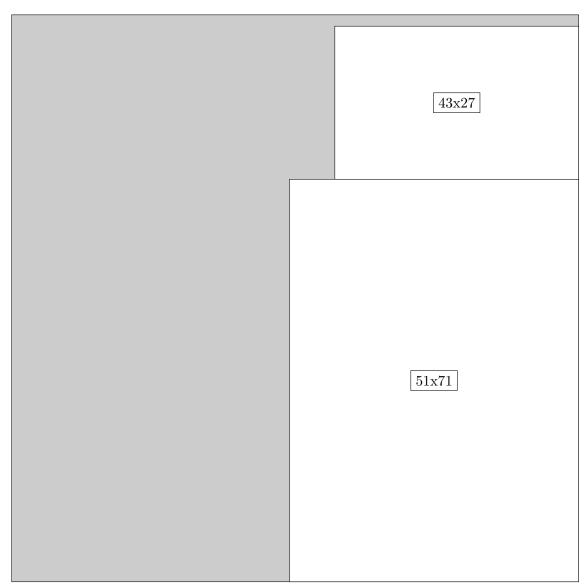
$$w$$
 =15 , h =41 , x =25 , y =49 , v =615



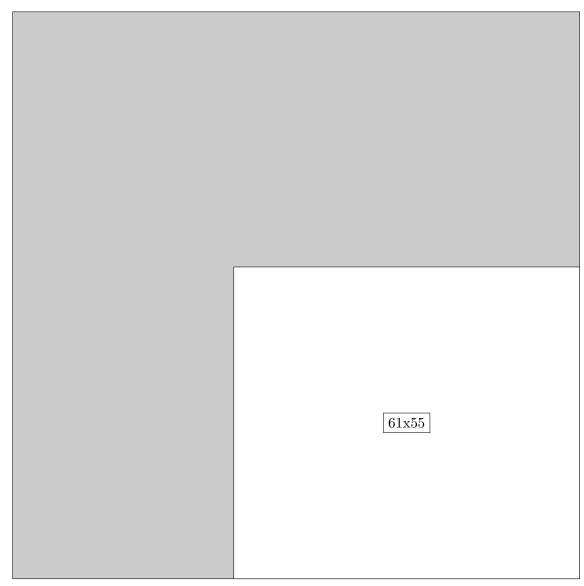
 $\le =88$, h =76 , x =12 , y =0 , v =6688



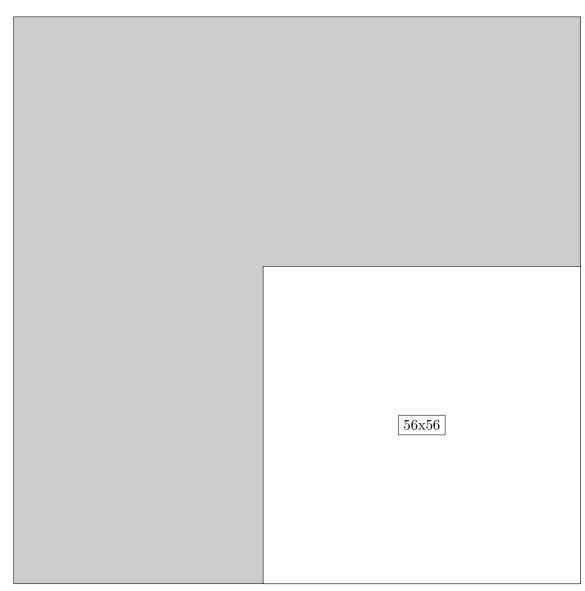
$$\begin{array}{l} w = \! 50 \ , \ h = \! 62 \ , \ x = \! 50 \ , \ y = \! 0 \ , \ v = \! 3100 \\ w = \! 50 \ , \ h = \! 61 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3050 \end{array}$$



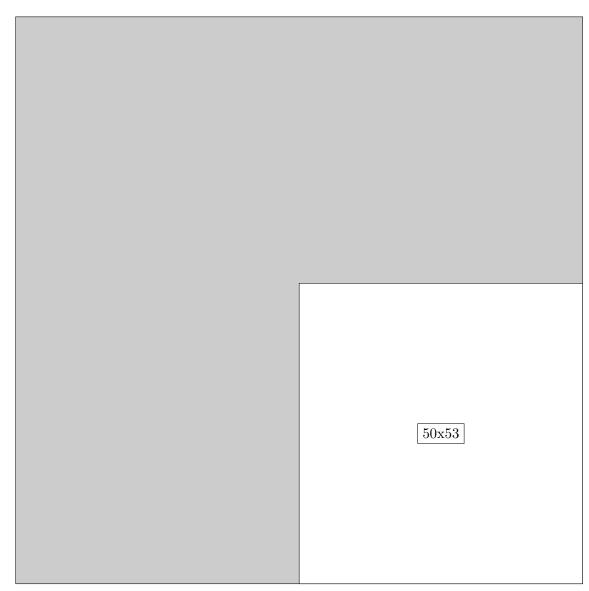
$$\begin{array}{l} w = \! 51 \ , \ h = \! 71 \ , \ x = \! 49 \ , \ y = \! 0 \ , \ v = \! 3621 \\ w = \! 43 \ , \ h = \! 27 \ , \ x = \! 57 \ , \ y = \! 71 \ , \ v = \! 1161 \end{array}$$



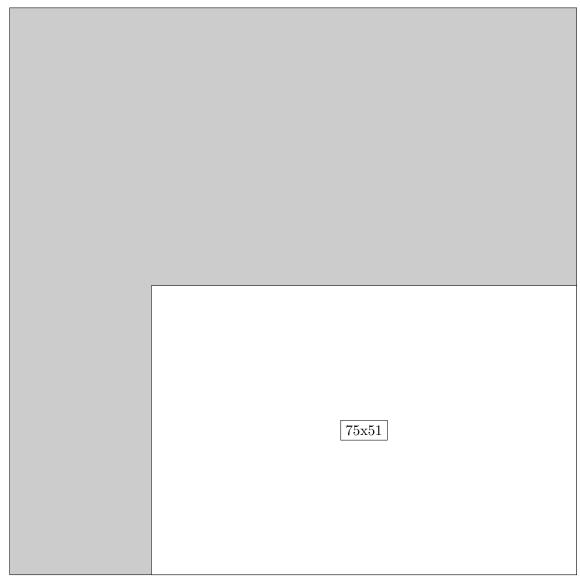
 $\le =61$, h=55 , x=39 , y=0 , v=3355



 $\le =56$, 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