$ClassName: \ Class_09.2bp-37$

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

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>580000</u> InS: <u>368802</u> Rate: <u>0.636</u> UB: <u>58</u> LB0: <u>58</u> LB: <u>58</u>

LBWithCut: $\underline{\mathbf{58}}$ NodeCut: $\underline{\mathbf{0}}$

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

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{58}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

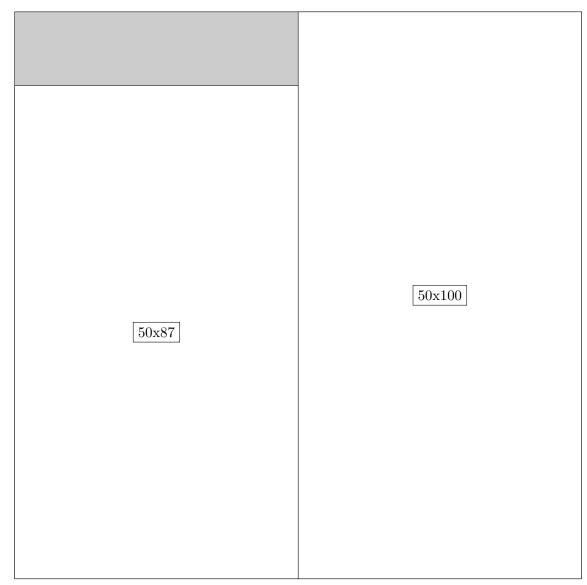
isOpt: $\underline{\mathbf{true}}$

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

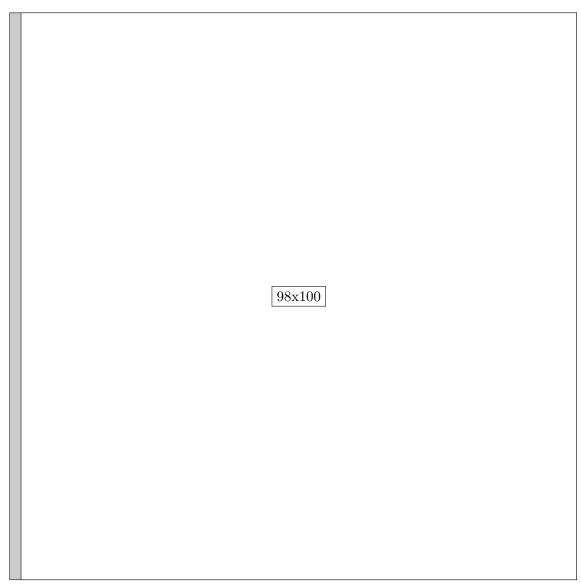
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.047 sTotalTime: 600.313 s



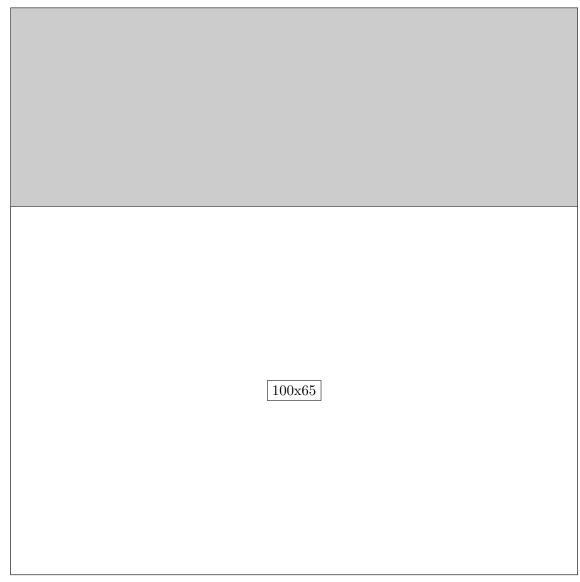
 $\le =100$, h =89 , x =0 , y =0 , v =8900



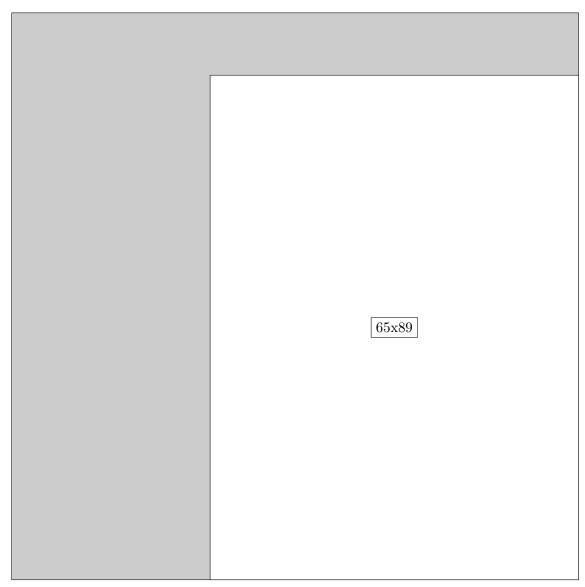
w =50, h =100, x =50, y =0, v =5000 w =50, h =87, x =0, y =0, v =4350



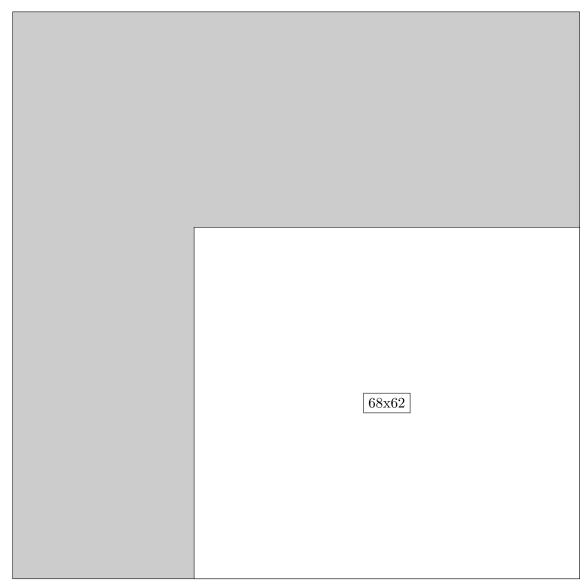
 $\le =98$, h =100 , x =2 , y =0 , v =9800



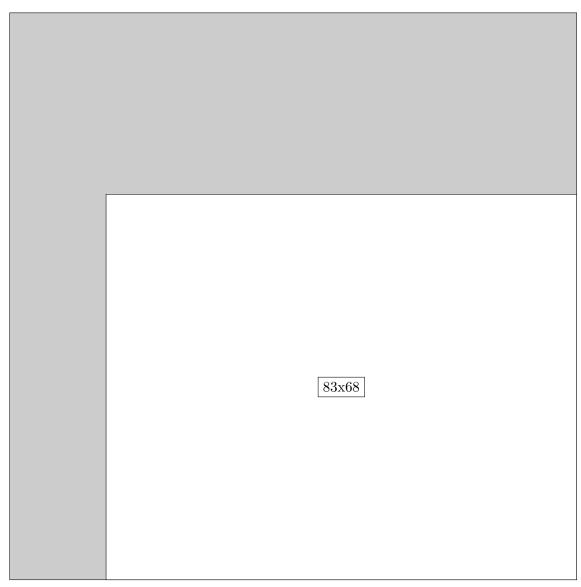
 $\le =100$, h =65 , x =0 , y =0 , v =6500



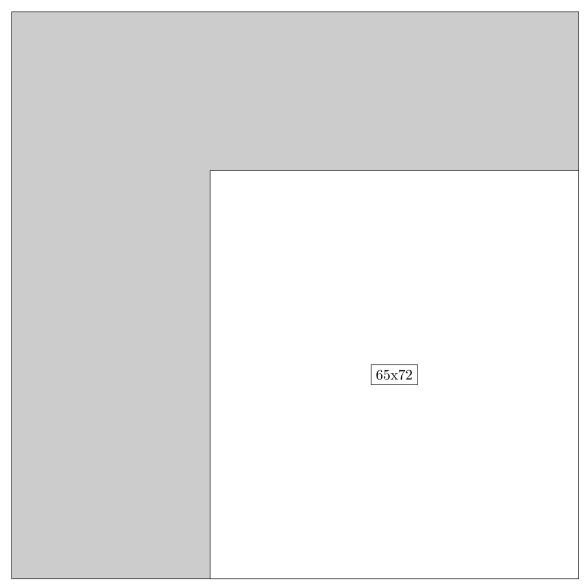
 $\le =65$, h =89 , x =35 , y =0 , v =5785



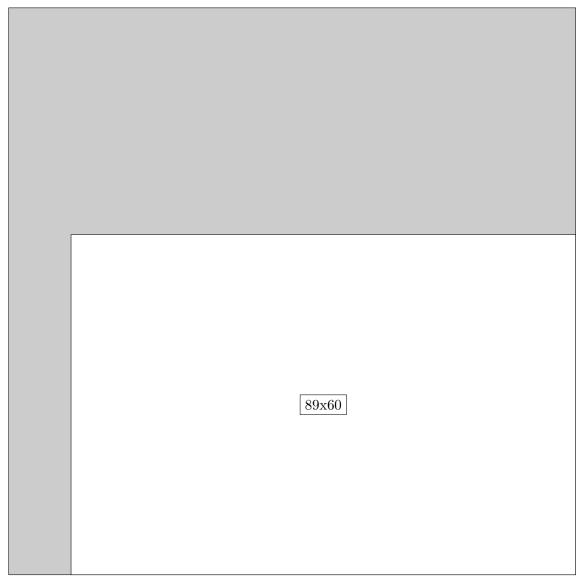
 $\le =68$, h=62 , x=32 , y=0 , v=4216



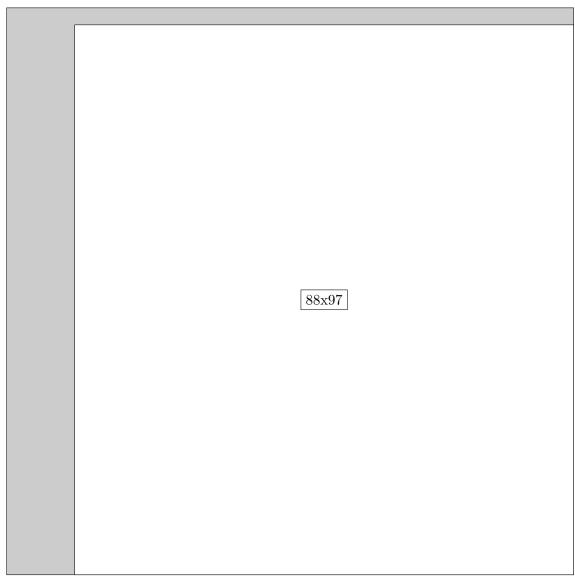
 $\le =83$, h=68 , x=17 , y=0 , v=5644



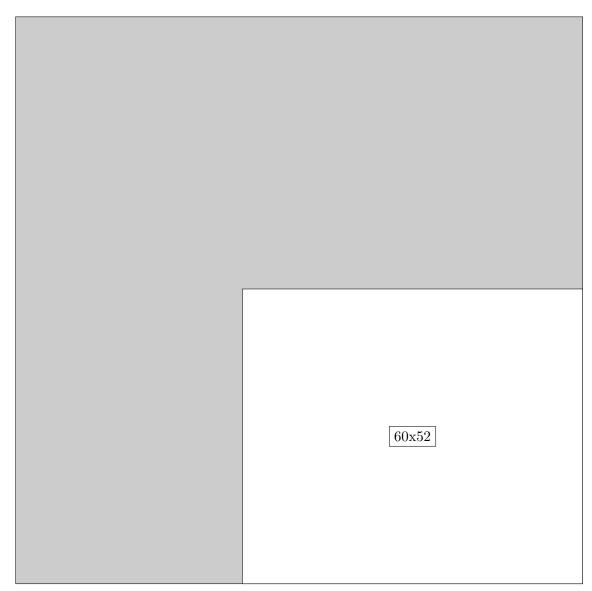
 $\le =65$, h=72 , x=35 , y=0 , v=4680



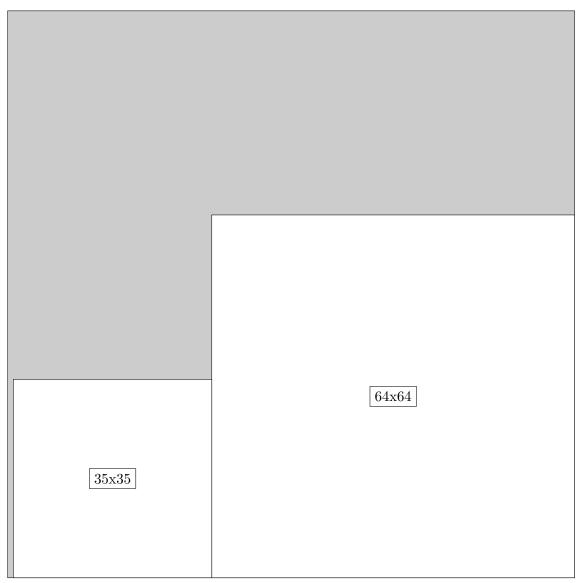
 $\le =89$, h =60 , x =11 , y =0 , v =5340



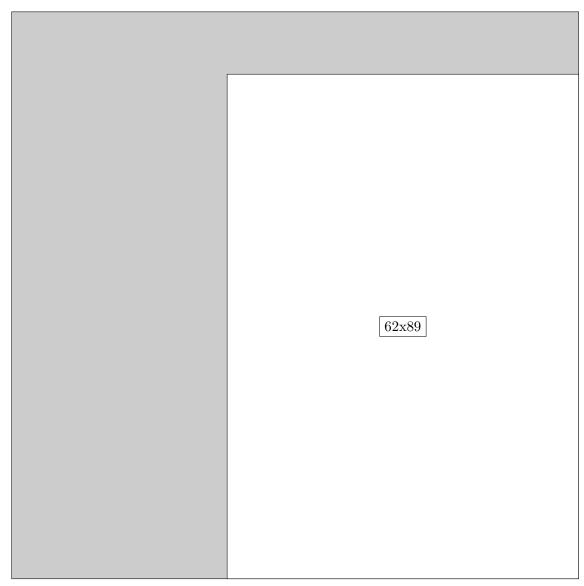
 $\le =88$, h =97 , x =12 , y =0 , v =8536



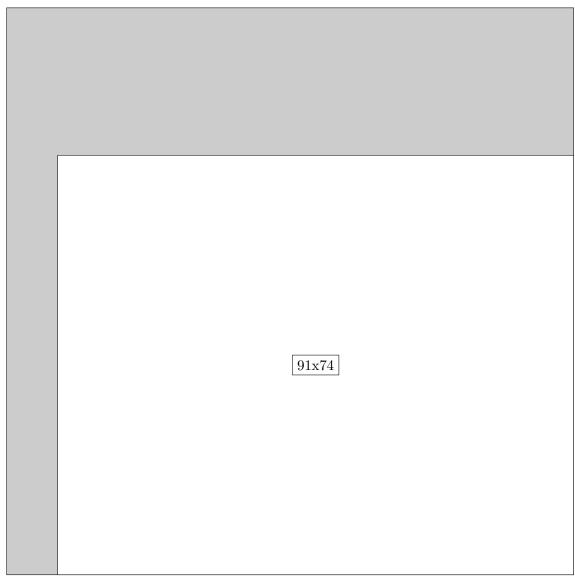
 $\le =60$, h =52 , x =40 , y =0 , v =3120



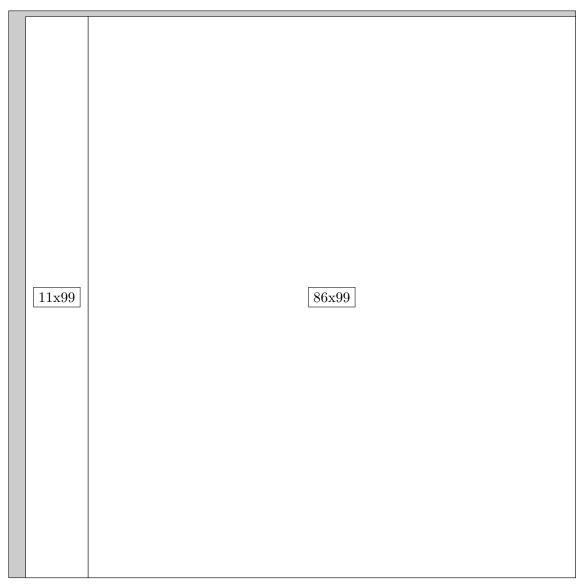
$$\begin{array}{l} w = \!64 \ , \ h = \!64 \ , \ x = \!36 \ , \ y = \!0 \ , \ v = \!4096 \\ w = \!35 \ , \ h = \!35 \ , \ x = \!1 \ , \ y = \!0 \ , \ v = \!1225 \end{array}$$



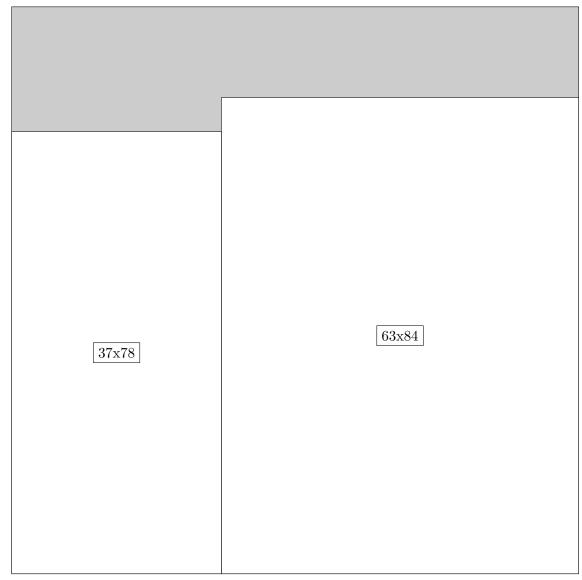
 $\le =62$, h =89 , x =38 , y =0 , v =5518



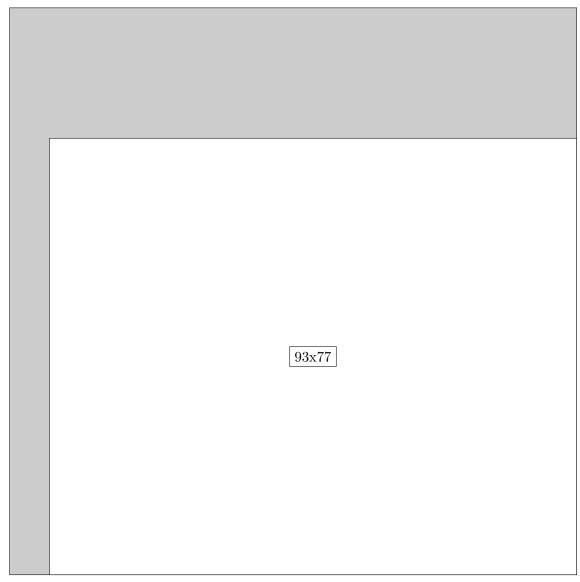
 $\le =91$, $\ge =74$, $\ge =9$, $\ge =0$, $\ge =6734$



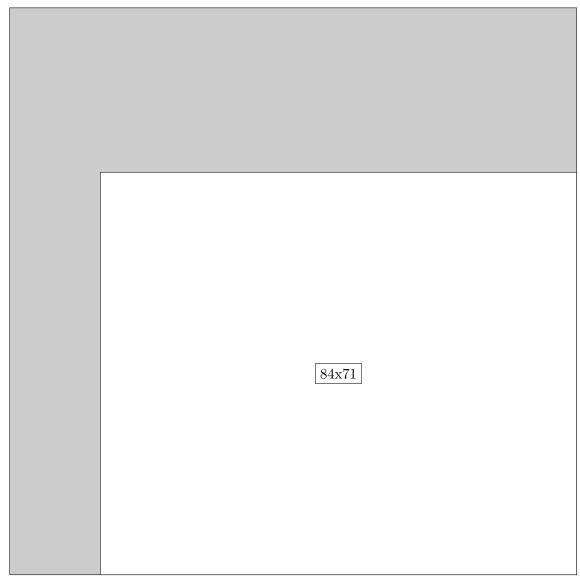
 $\begin{array}{l} w = \! 86 \ , \ h = \! 99 \ , \ x = \! 14 \ , \ y = \! 0 \ , \ v = \! 8514 \\ w = \! 11 \ , \ h = \! 99 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 1089 \end{array}$



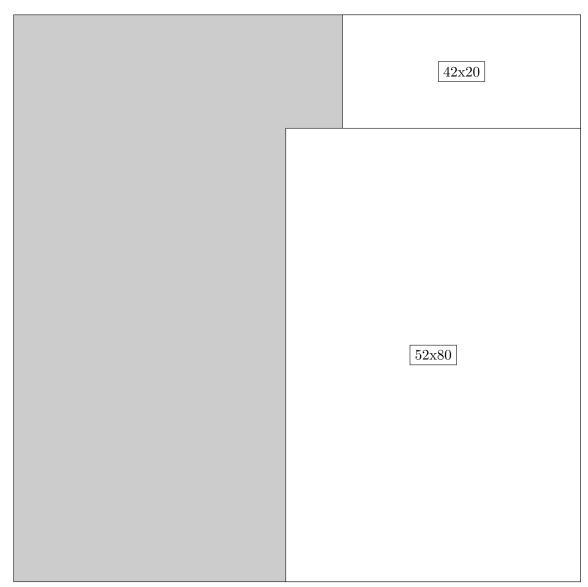
$$\begin{array}{l} w = \!63 \ , \ h = \!84 \ , \ x = \!37 \ , \ y = \!0 \ , \ v = \!5292 \\ w = \!37 \ , \ h = \!78 \ , \ x = \!0 \ , \ y = \!0 \ , \ v = \!2886 \end{array}$$



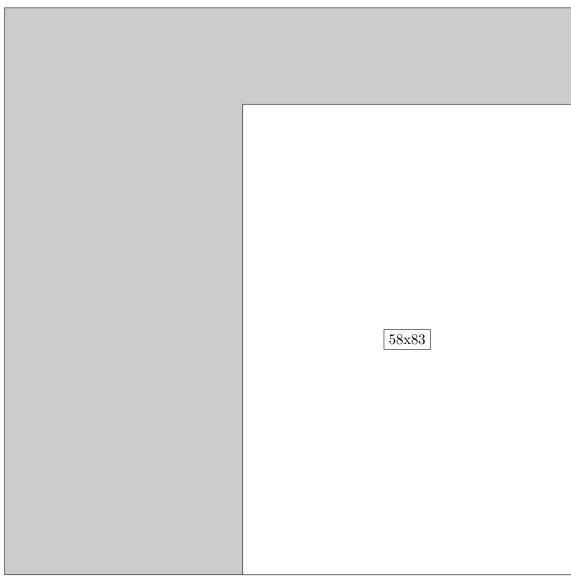
 $\le =93$, h =77 , x =7 , y =0 , v =7161



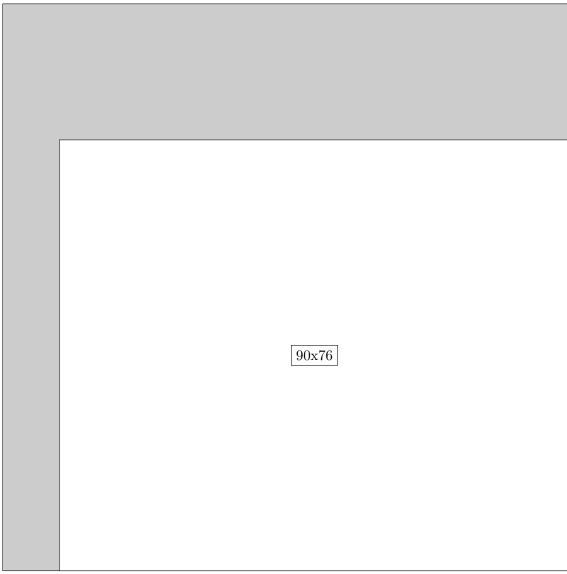
 $\le =84$, h =71 , x =16 , y =0 , v =5964



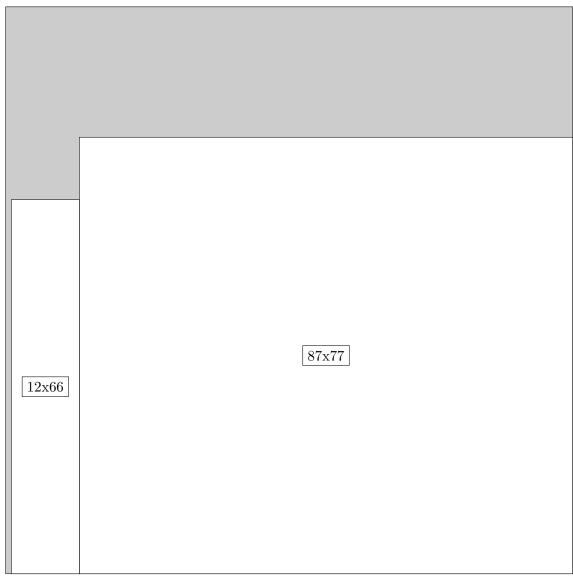
$$\begin{array}{l} w = \!\! 52 \ , \ h = \!\! 80 \ , \ x = \!\! 48 \ , \ y = \!\! 0 \ , \ v = \!\! 4160 \\ w = \!\! 42 \ , \ h = \!\! 20 \ , \ x = \!\! 58 \ , \ y = \!\! 80 \ , \ v = \!\! 840 \end{array}$$

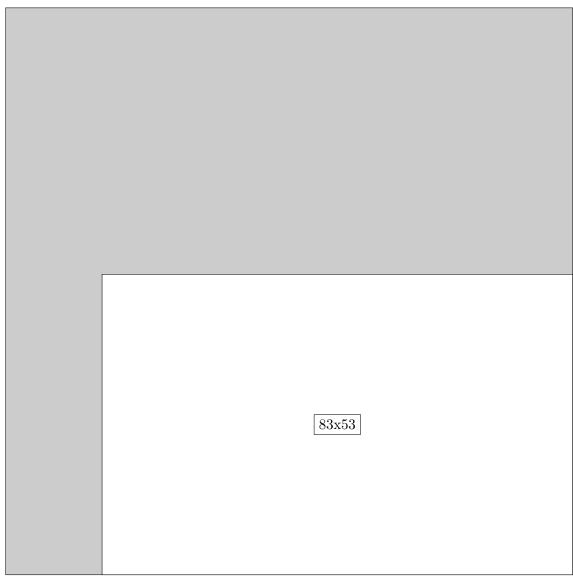


 $\le =58$, h =83 , x =42 , y =0 , v =4814

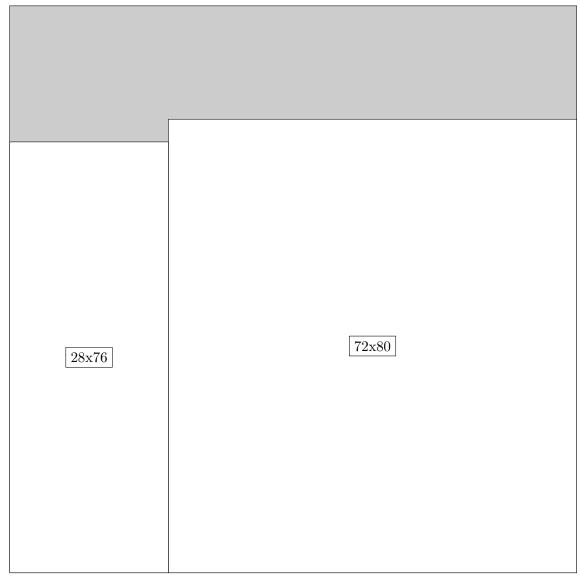


 $\le =90$, h =76 , x =10 , y =0 , v =6840

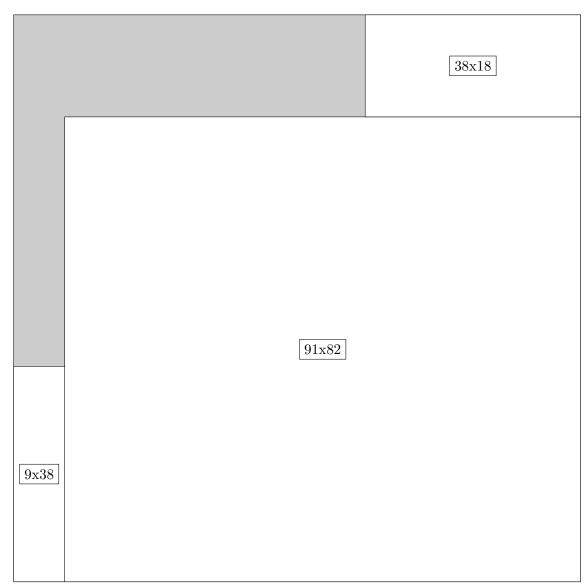




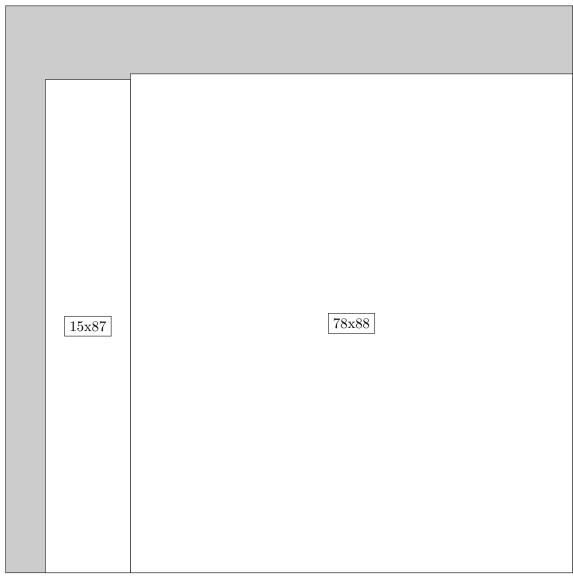
 $\le =83$, h =53 , x =17 , y =0 , v =4399



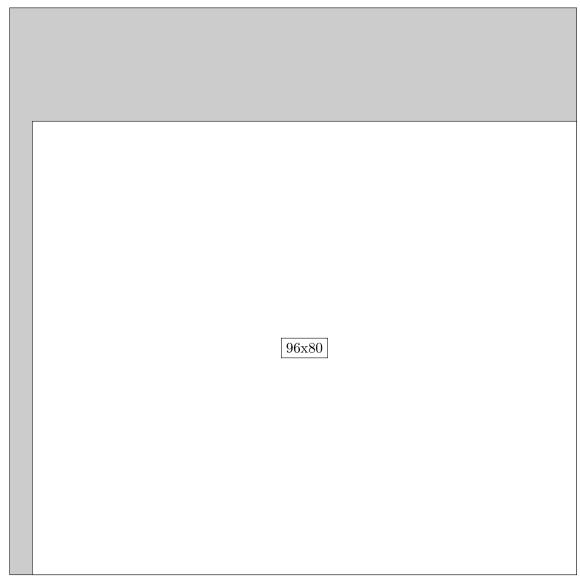
$$\begin{array}{l} w = \!\!\! 72 \ , \ h = \!\!\! 80 \ , \ x = \!\!\! 28 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 5760 \\ w = \!\!\! 28 \ , \ h = \!\!\! 76 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 2128 \end{array}$$



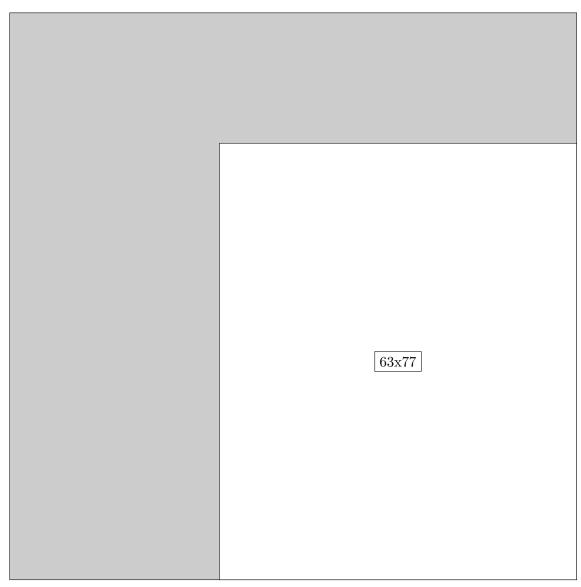
 $\begin{array}{l} w = \! 91 \; , \; h = \! 82 \; , \; x = \! 9 \; , \; y = \! 0 \; , \; v = \! 7462 \\ w = \! 9 \; , \; h = \! 38 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 342 \\ w = \! 38 \; , \; h = \! 18 \; , \; x = \! 62 \; , \; y = \! 82 \; , \; v = \! 684 \end{array}$



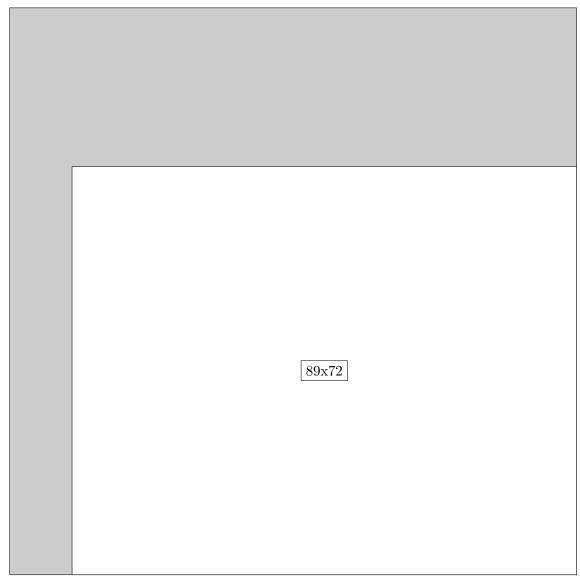
$$\begin{array}{l} w = \! 78 \ , \ h = \! 88 \ , \ x = \! 22 \ , \ y = \! 0 \ , \ v = \! 6864 \\ w = \! 15 \ , \ h = \! 87 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 1305 \end{array}$$



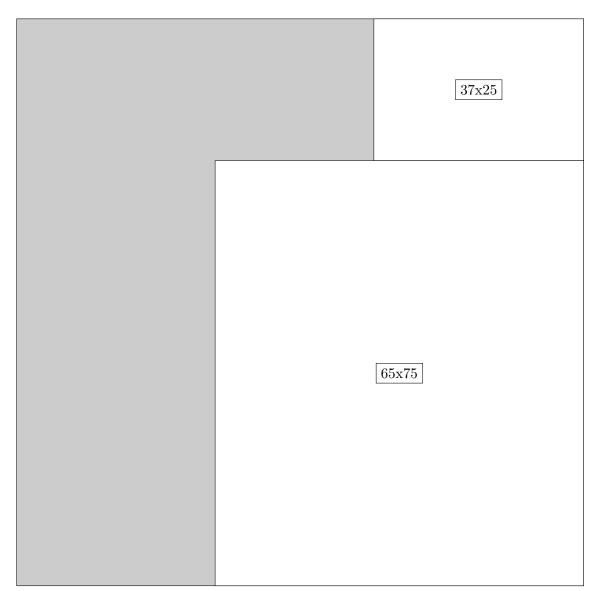
=96 , =80 , =4 , y=0 , v=7680



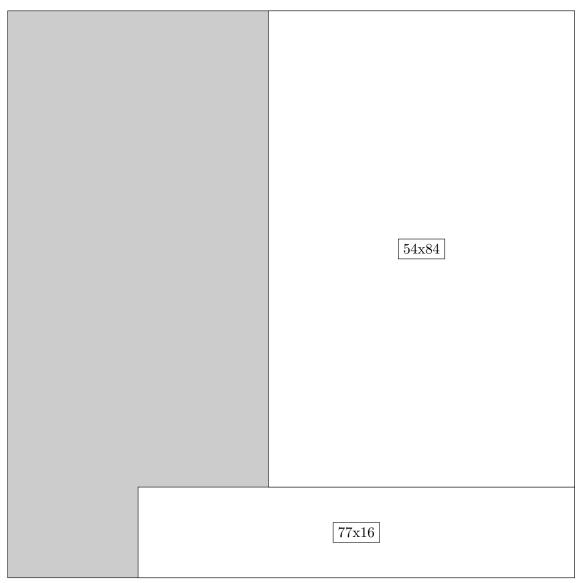
 $\le =63$, h=77 , x=37 , y=0 , v=4851



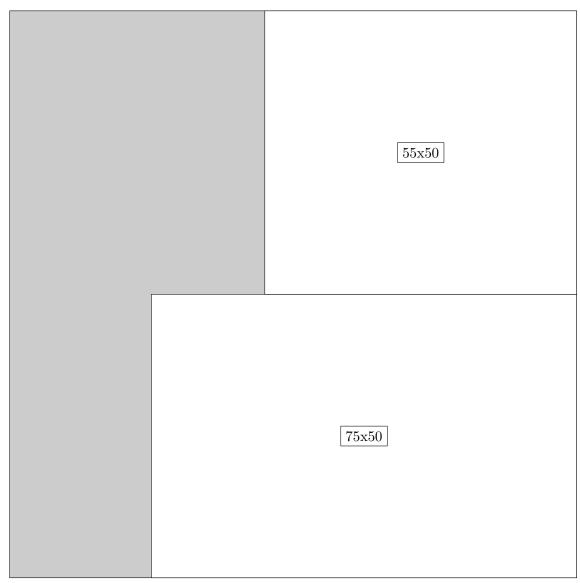
 $\le =89$, h =72 , x =11 , y =0 , v =6408



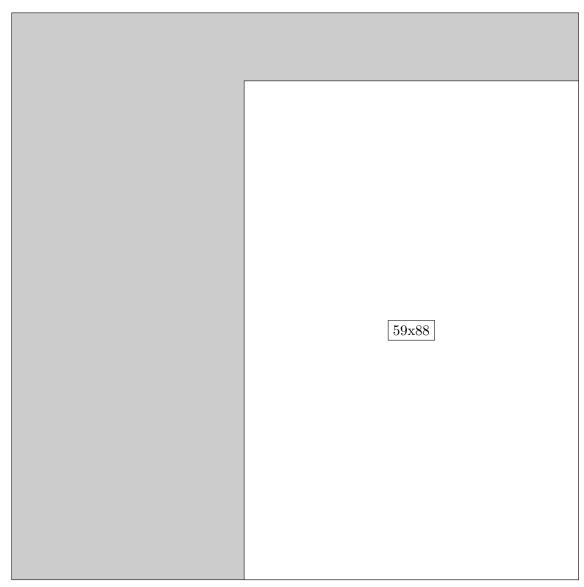
$$\begin{array}{l} w = \!\!65 \ , \ h = \!\!75 \ , \ x = \!\!35 \ , \ y = \!\!0 \ , \ v = \!\!4875 \\ w = \!\!37 \ , \ h = \!\!25 \ , \ x = \!\!63 \ , \ y = \!\!75 \ , \ v = \!\!925 \end{array}$$



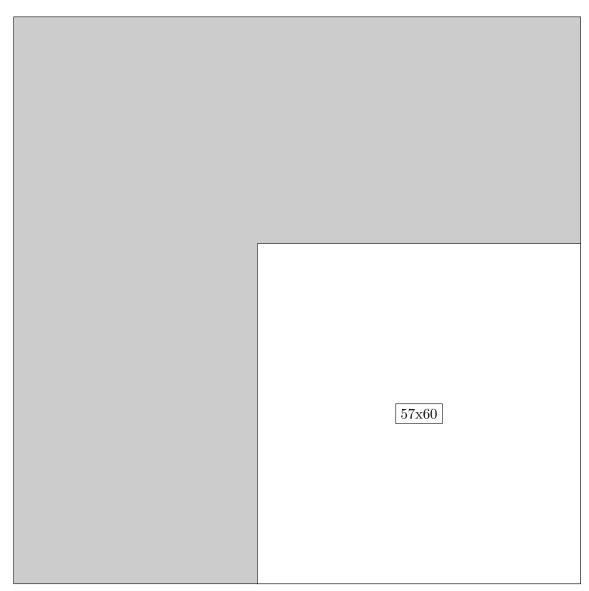
$$\begin{array}{l} w = \! 77 \ , \ h = \! 16 \ , \ x = \! 23 \ , \ y = \! 0 \ , \ v = \! 1232 \\ w = \! 54 \ , \ h = \! 84 \ , \ x = \! 46 \ , \ y = \! 16 \ , \ v = \! 4536 \end{array}$$



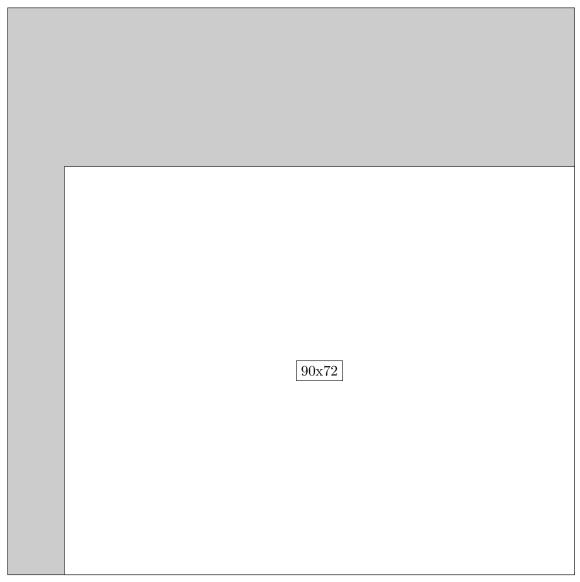
$$\begin{array}{l} w = \!\! 75 \ , \ h = \!\! 50 \ , \ x = \!\! 25 \ , \ y = \!\! 0 \ , \ v = \!\! 3750 \\ w = \!\! 55 \ , \ h = \!\! 50 \ , \ x = \!\! 45 \ , \ y = \!\! 50 \ , \ v = \!\! 2750 \end{array}$$



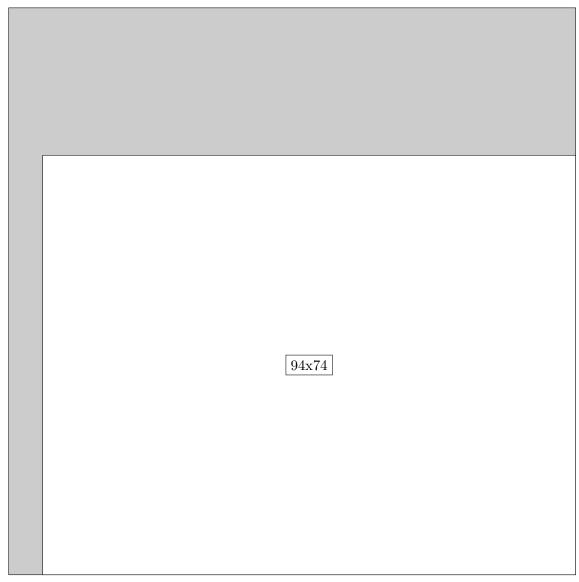
 $\le =59$, h =88 , x =41 , y =0 , v =5192



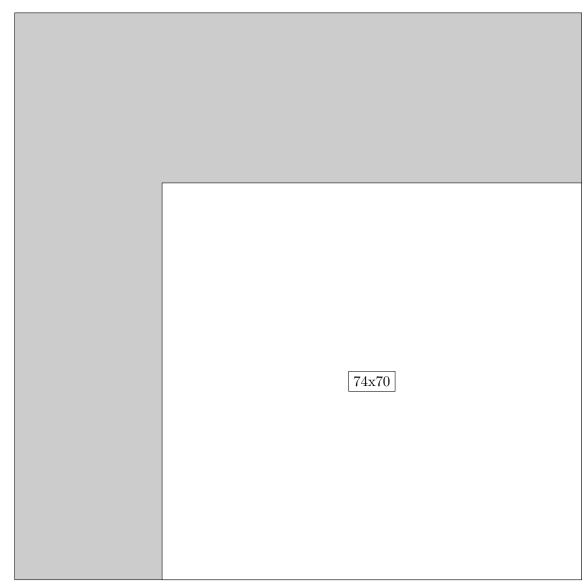
 $\le =57$, h =60 , x =43 , y =0 , v =3420



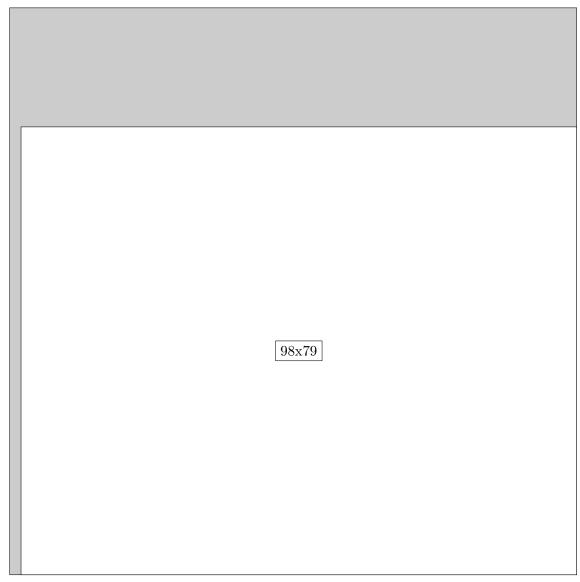
 $\le =90$, h =72 , x =10 , y =0 , v =6480



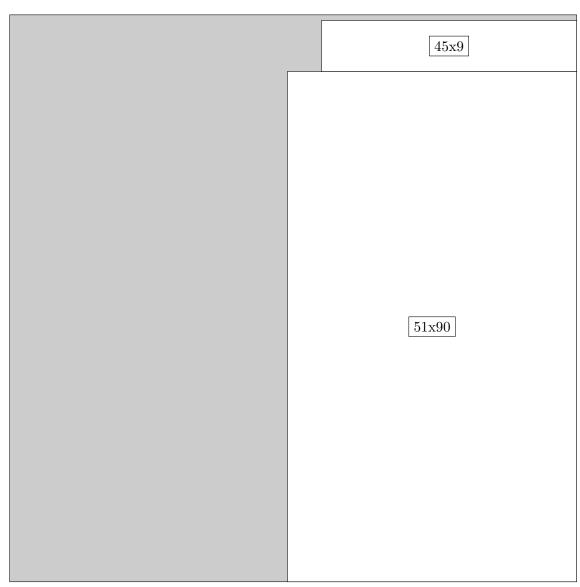
 $\le =94$, h =74 , x =6 , y =0 , v =6956



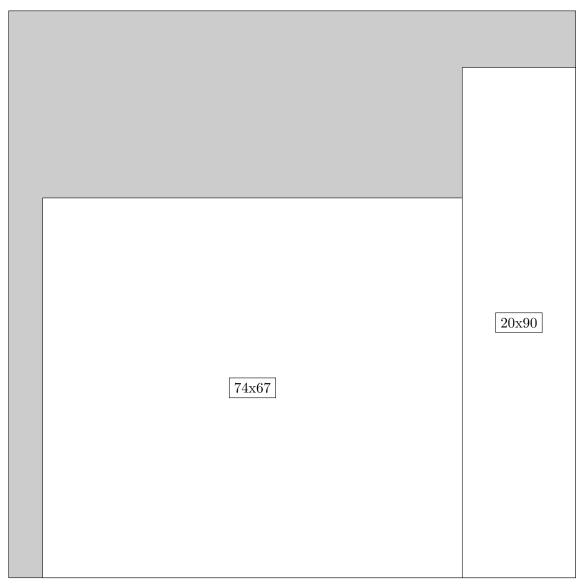
 $\le =74$, ==70 , ==26 , ==5180



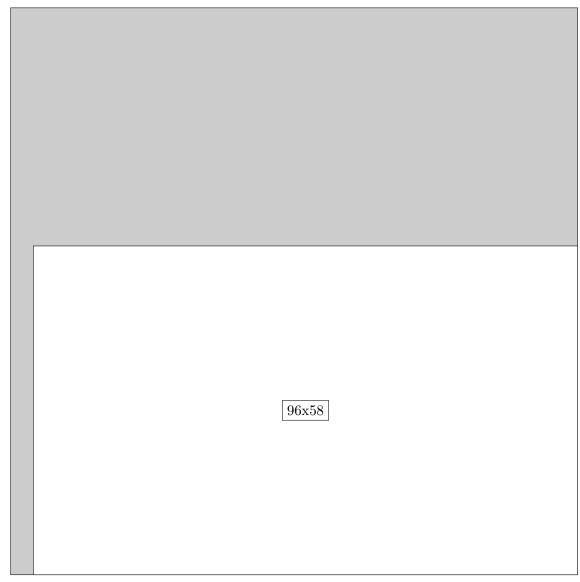
 $\le =98$, h =79 , x =2 , y =0 , v =7742



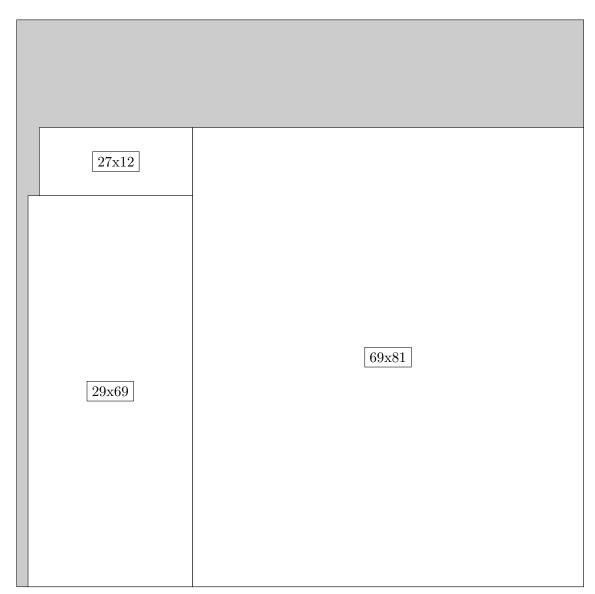
$$\begin{array}{l} w = \! 51 \ , \ h = \! 90 \ , \ x = \! 49 \ , \ y = \! 0 \ , \ v = \! 4590 \\ w = \! 45 \ , \ h = \! 9 \ , \ x = \! 55 \ , \ y = \! 90 \ , \ v = \! 405 \end{array}$$



$$\begin{array}{l} w = \!\! 20 \ , \ h = \!\! 90 \ , \ x = \!\! 80 \ , \ y = \!\! 0 \ , \ v = \!\! 1800 \\ w = \!\! 74 \ , \ h = \!\! 67 \ , \ x = \!\! 6 \ , \ y = \!\! 0 \ , \ v = \!\! 4958 \end{array}$$



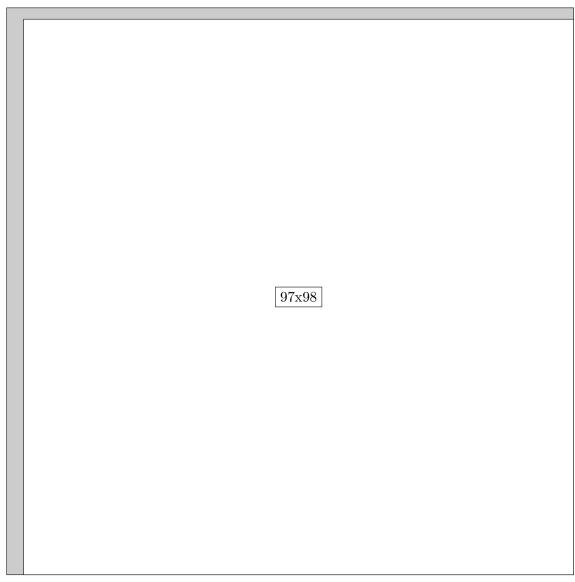
 $\le =96$, h =58 , x =4 , y =0 , v =5568



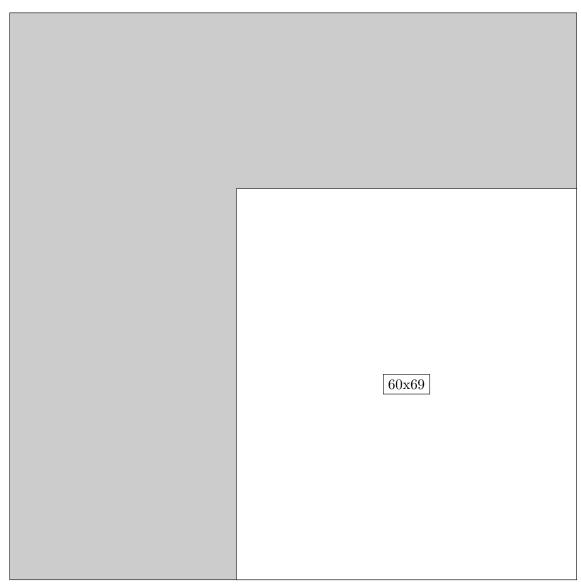
$$w = \!\! 69 \; , \; h = \!\! 81 \; , \; x = \!\! 31 \; , \; y = \!\! 0 \; , \; v = \!\! 5589$$

$$\le =29$$
 , h =69 , x =2 , y =0 , v =2001

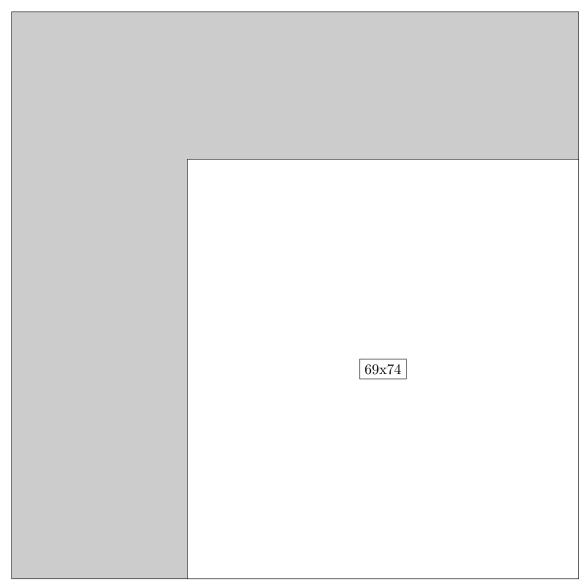
$$\le =27$$
 , h =12 , x =4 , y =69 , v =324



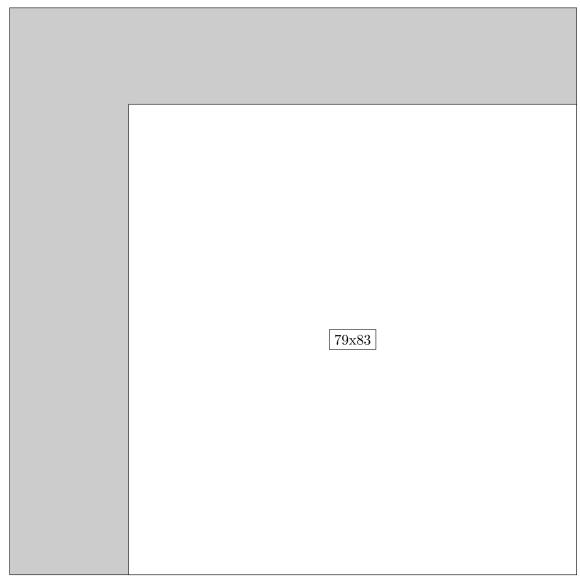
 $\le =97$, h =98 , x =3 , y =0 , v =9506



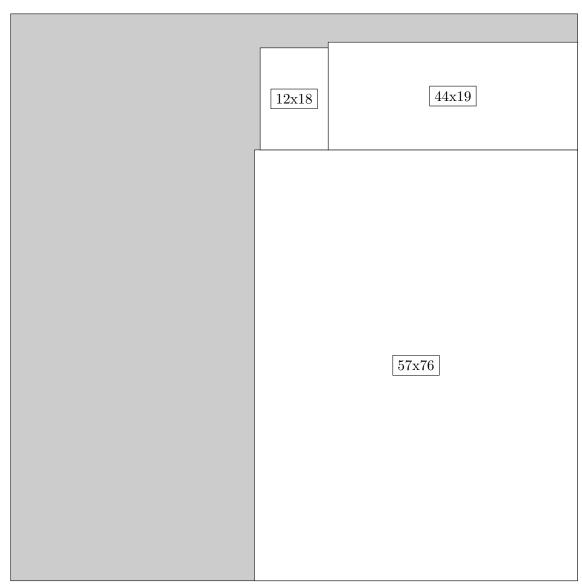
 $\le =60$, h =69 , x =40 , y =0 , v =4140



 $\le =69$, h =74 , x =31 , y =0 , v =5106



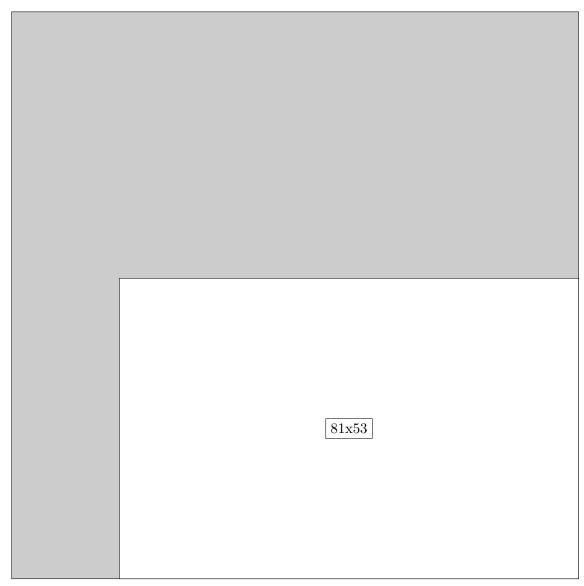
 $\le =79$, h =83 , x =21 , y =0 , v =6557



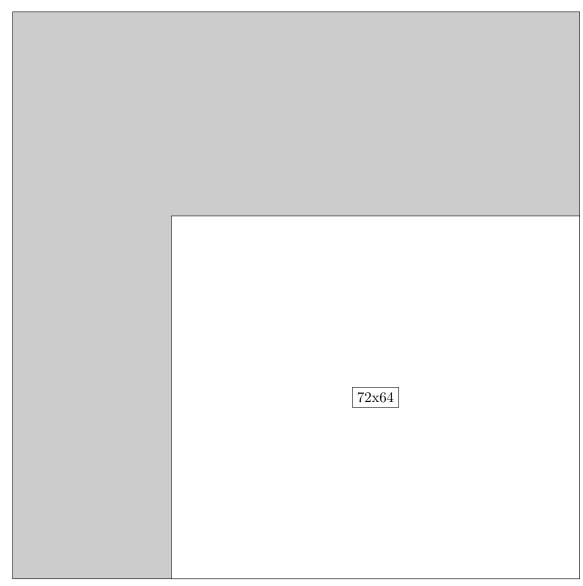
$$\le 57$$
 , h =76 , x =43 , y =0 , v =4332

$$\le =44$$
 , h =19 , x =
56 , y =
76 , v =
836

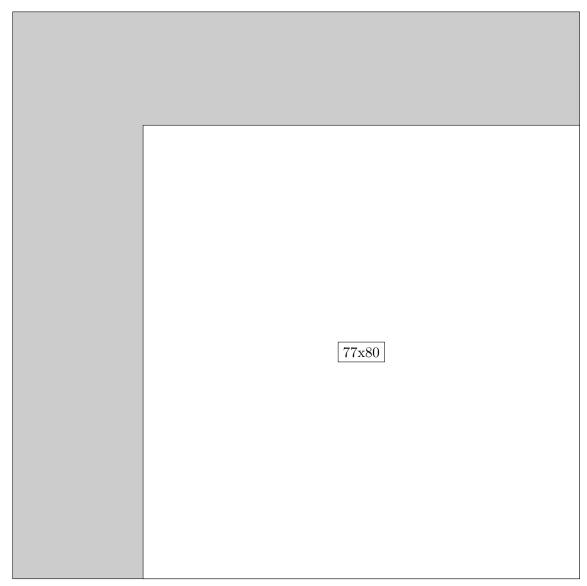
$$\le =12$$
 , h =18 , x =44 , y =76 , v =216



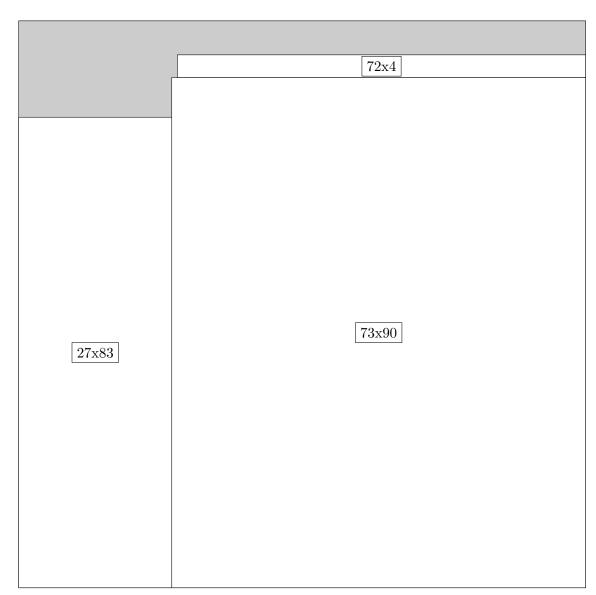
 $\le =81$, h =53 , x =19 , y =0 , v =4293



 $\le =72$, h =64 , x =28 , y =0 , v =4608



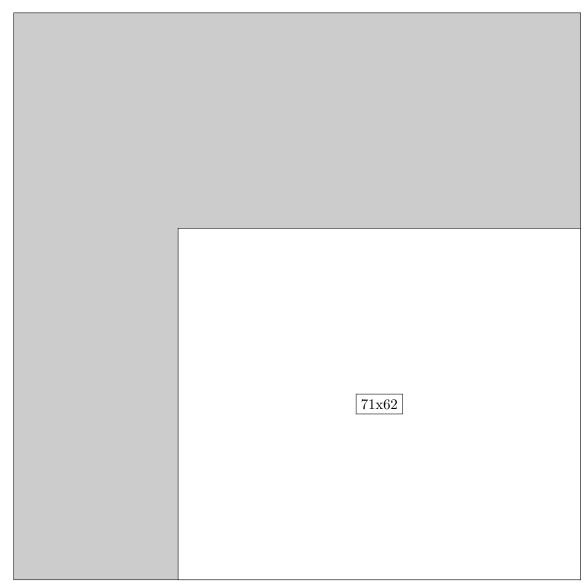
 $\le =77$, h =80 , x =23 , y =0 , v =6160



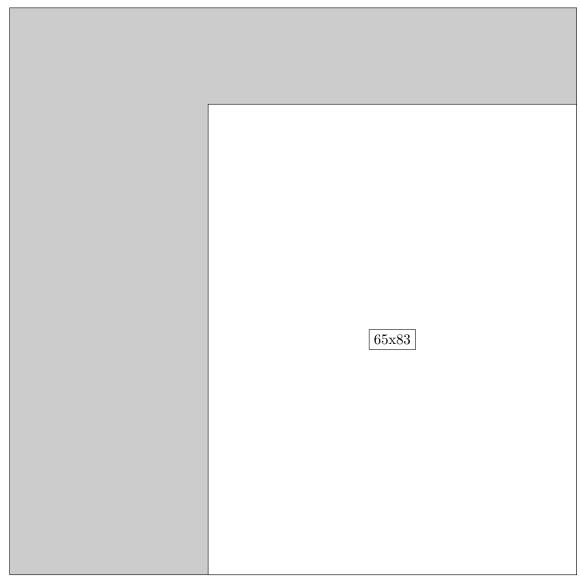
$$w$$
 =73 , h =90 , x =27 , y =0 , v =6570

$$w$$
 =72 , h =4 , x =28 , y =90 , v =288

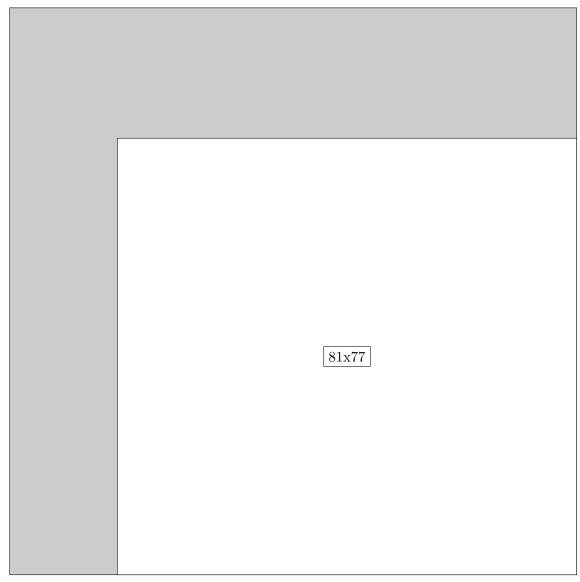
$$\le =27$$
 , h =83 , x =0 , y =0 , v =2241



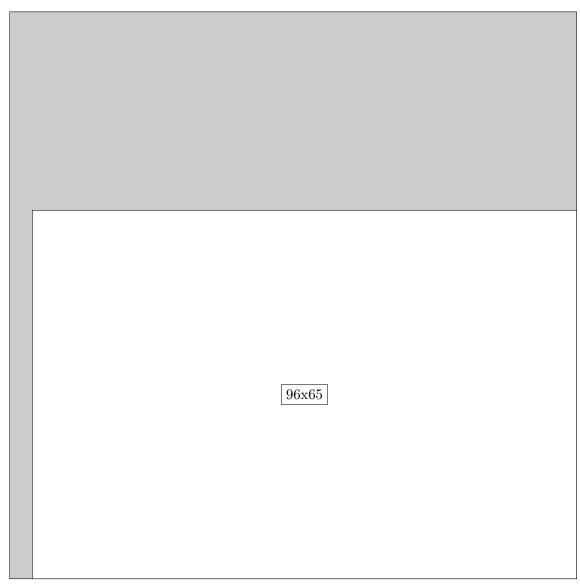
 $\le =71$, h =62 , x =29 , y =0 , v =4402



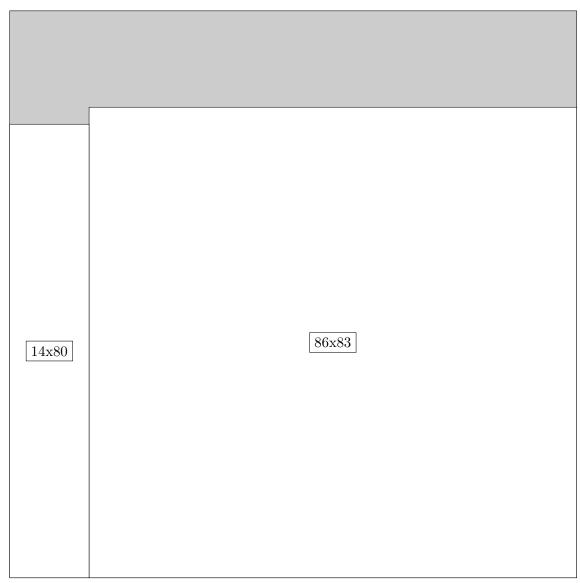
 $\le =65$, h =83 , x =35 , y =0 , v =5395



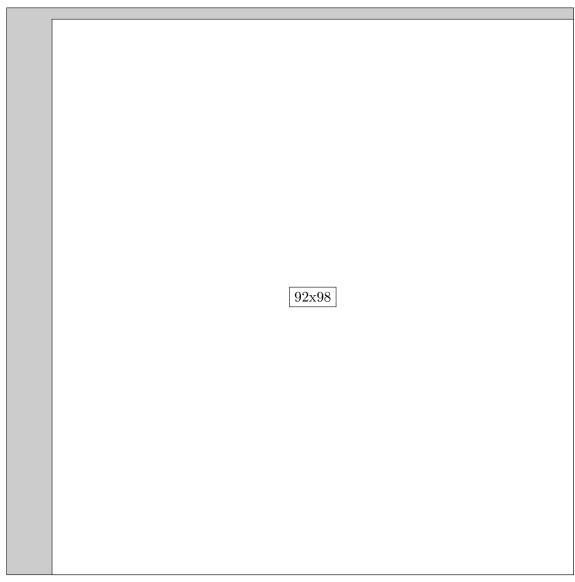
 $\le =81$, h =77 , x =19 , y =0 , v =6237



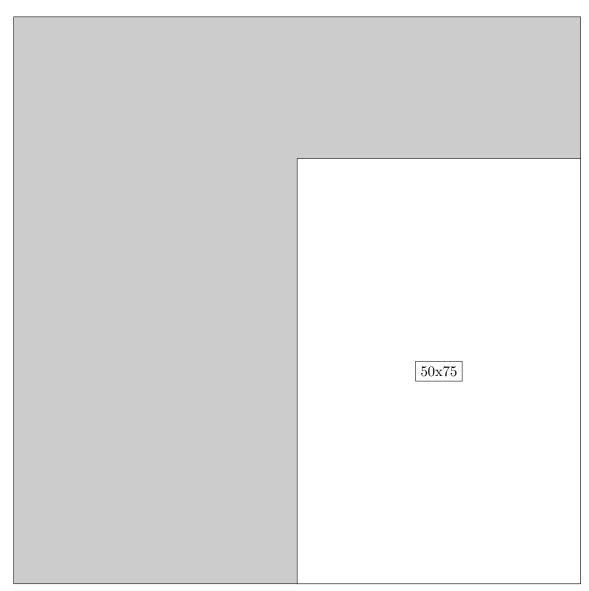
 ≤ -96 , h =65 , x =4 , y =0 , v =6240



$$\begin{array}{l} w = \! 86 \ , \ h = \! 83 \ , \ x = \! 14 \ , \ y = \! 0 \ , \ v = \! 7138 \\ w = \! 14 \ , \ h = \! 80 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1120 \end{array}$$



 $\le =92$, h =98 , x =8 , y =0 , v =9016



 $\le =50$, h =75 , x =50 , y =0 , v =3750