$ClassName: \ Class\_09.2bp-12$ 

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

TypeNum: <u>40</u> Num: <u>40</u> OutS: <u>290000</u> InS: <u>185136</u> Rate: <u>0.638</u> UB: <u>29</u> LB0: <u>29</u>

LB:  $\underline{\mathbf{29}}$ LBWithCut:  $\underline{\mathbf{29}}$ NodeCut:  $\underline{\mathbf{0}}$ 

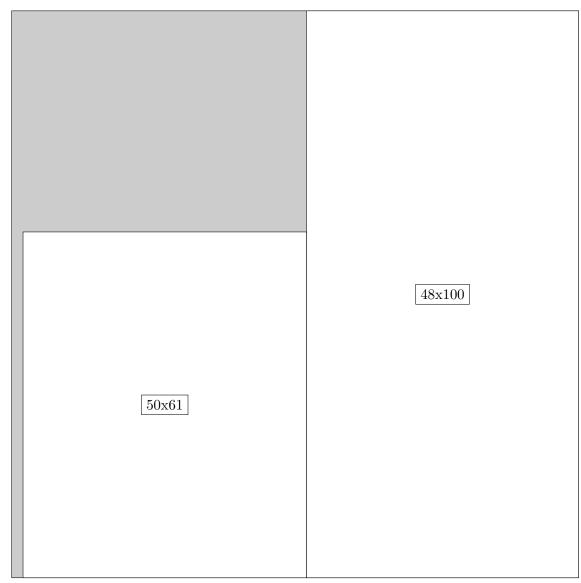
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{29}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

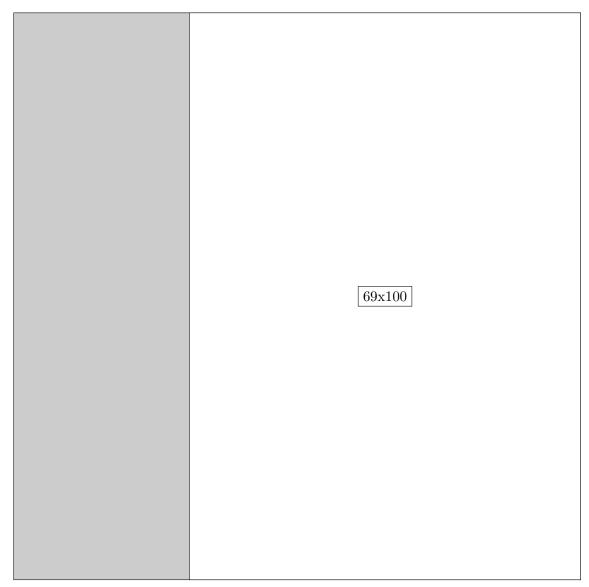
isOpt:  $\underline{\mathbf{true}}$ 

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

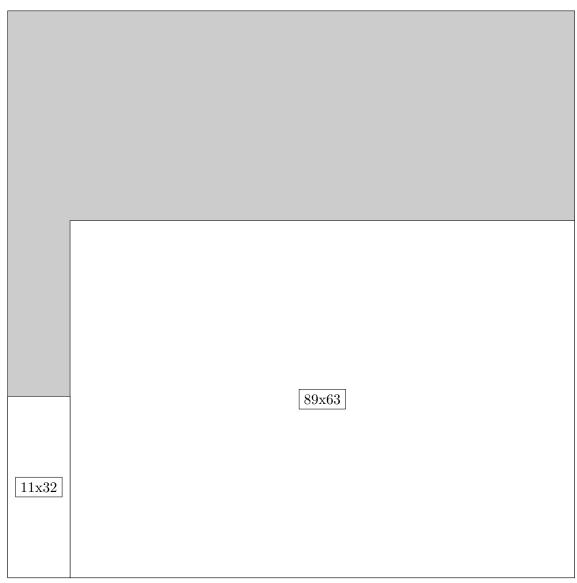
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.068 sTotalTime: 600.322 s



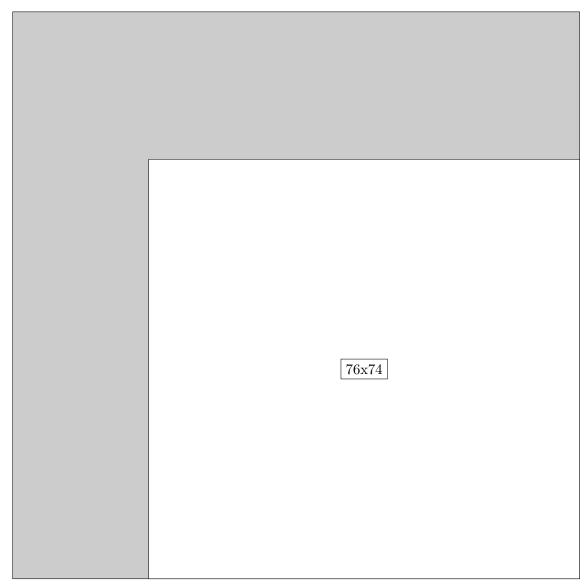
$$\begin{array}{l} w = \! 48 \; , \; h = \! 100 \; , \; x = \! 52 \; , \; y = \! 0 \; , \; v = \! 4800 \\ w = \! 50 \; , \; h = \! 61 \; , \; x = \! 2 \; , \; y = \! 0 \; , \; v = \! 3050 \\ \end{array}$$



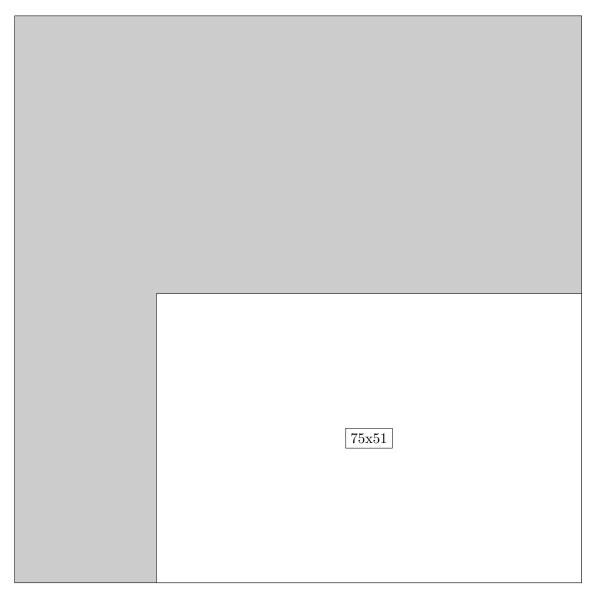
 $\le =69$  , h = 100 , x = 31 , y = 0 , v = 6900



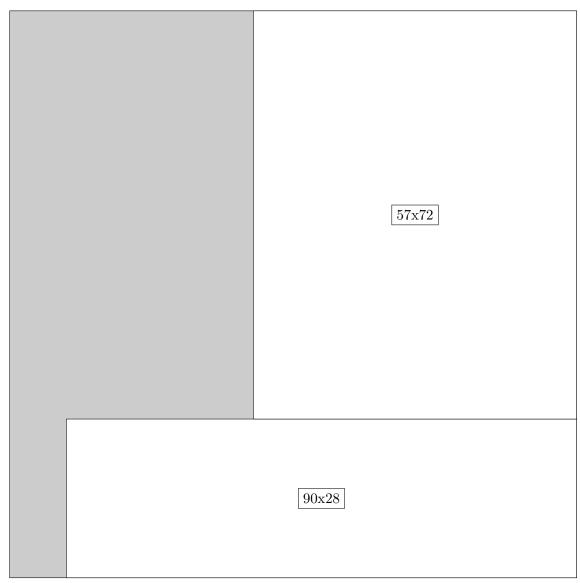
$$\begin{array}{l} w = \! 89 \ , \ h = \! 63 \ , \ x = \! 11 \ , \ y = \! 0 \ , \ v = \! 5607 \\ w = \! 11 \ , \ h = \! 32 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 352 \end{array}$$



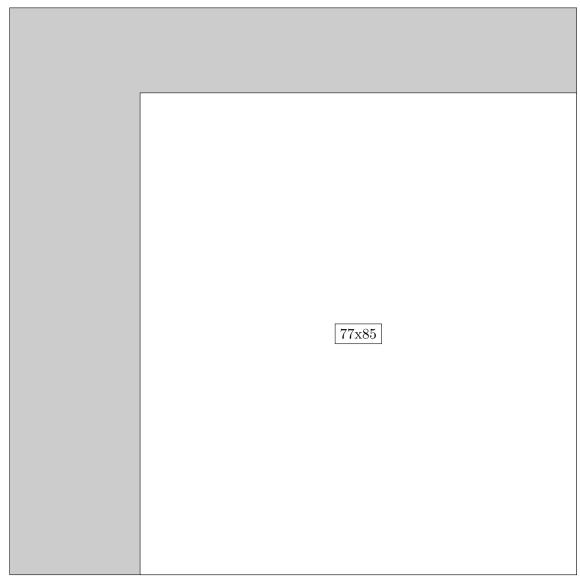
 $\le =76$  , h =74 , x =24 , y =0 , v = 5624



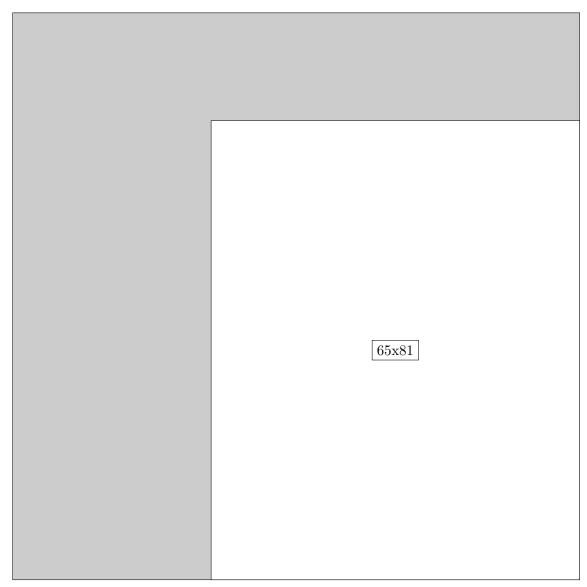
 $\le =75$  , h =51 , x =25 , y =0 , v =3825



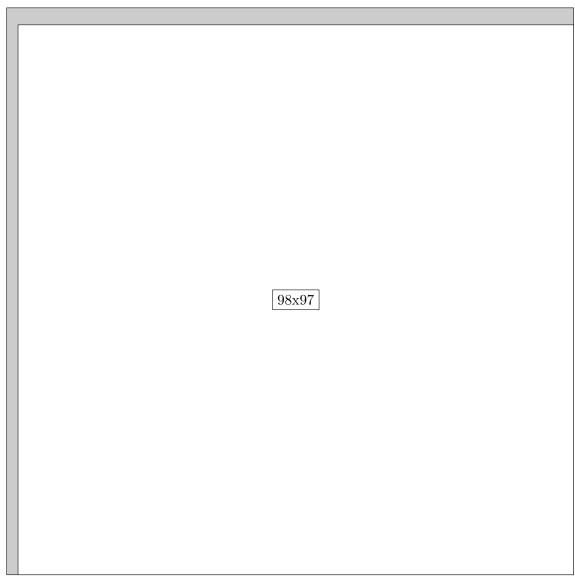
$$\begin{array}{l} w = \! 90 \ , \, h = \! 28 \ , \, x = \! 10 \ , \, y = \! 0 \ , \, v = \! 2520 \\ w = \! 57 \ , \, h = \! 72 \ , \, x = \! 43 \ , \, y = \! 28 \ , \, v = \! 4104 \end{array}$$



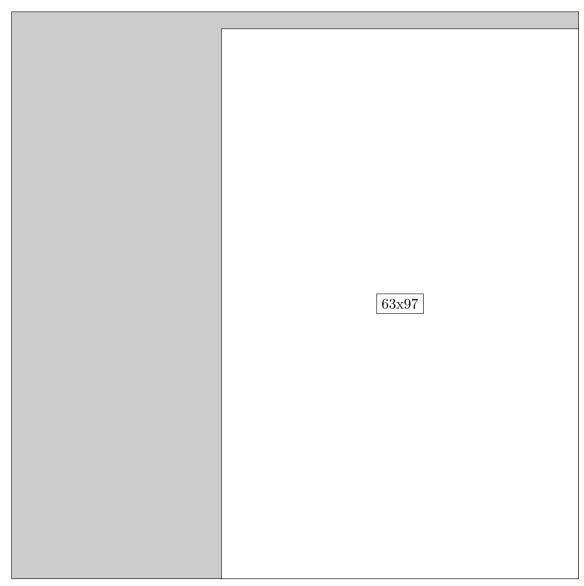
 $\le =77$  , h = 85 , x = 23 , y = 0 , v = 6545



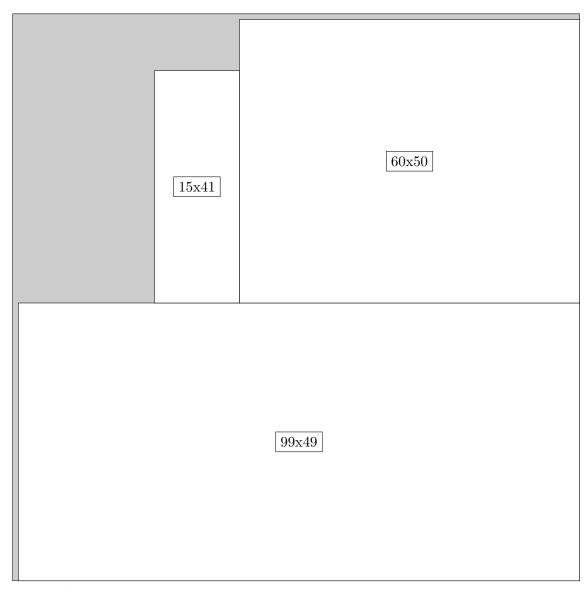
 $\le =65$  , h =81 , x =35 , y =0 , v =5265



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



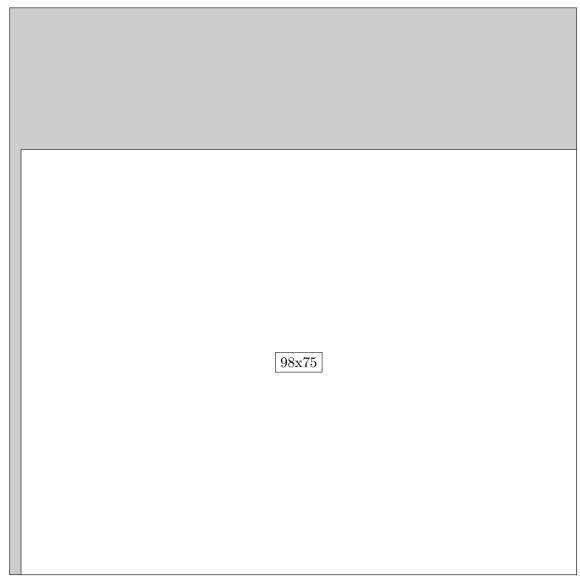
 $\le =63$  , h =97 , x =37 , y =0 , v =6111



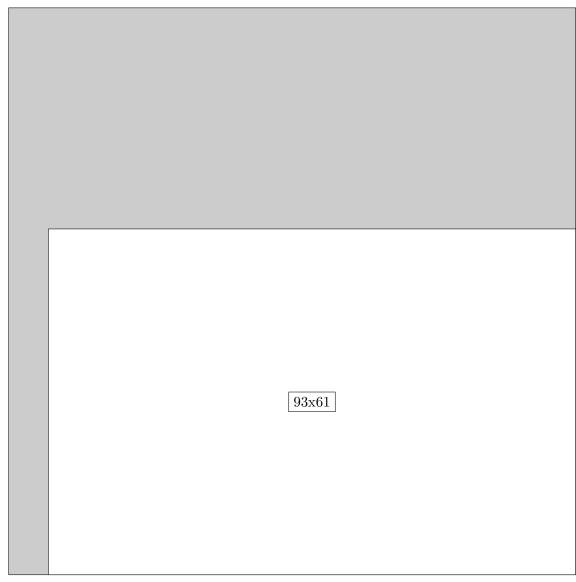
$$\le =99$$
 , h =49 , x =1 , y =0 , v =4851

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

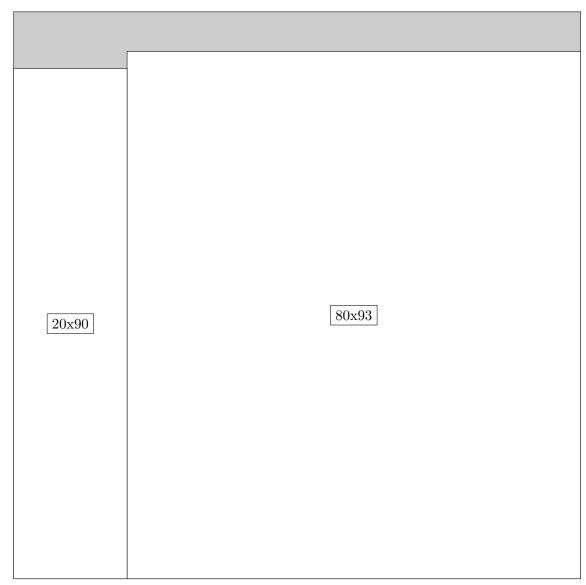
$$w$$
 =15 ,  $h$  =41 ,  $x$  =25 ,  $y$  =49 ,  $v$  =615



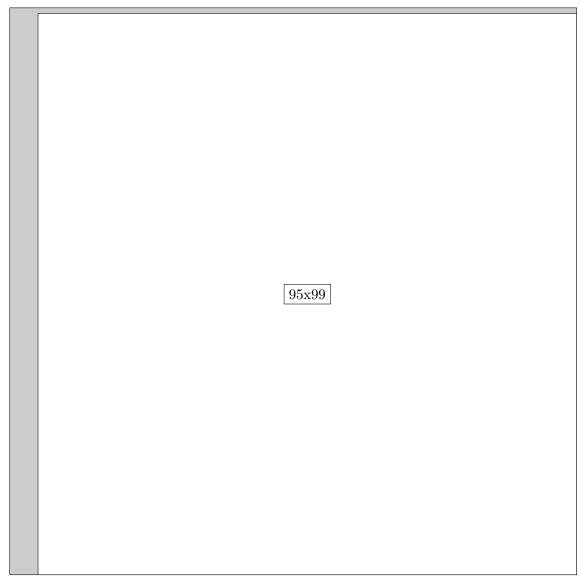
 $\le =98$  , h =75 , x =2 , y =0 , v =7350



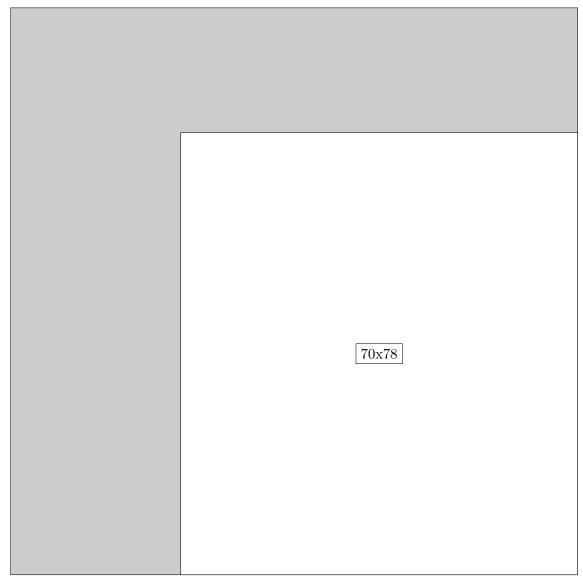
 $\le =93$  , h=61 , x=7 , y=0 , v=5673



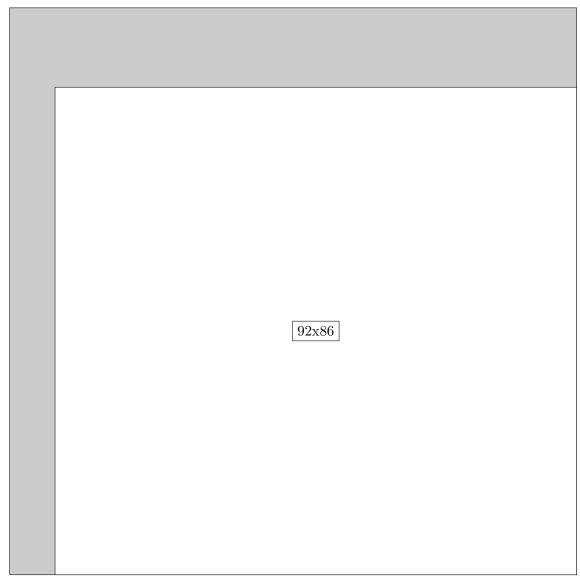
$$\begin{array}{l} w = \! 80 \ , \ h = \! 93 \ , \ x = \! 20 \ , \ y = \! 0 \ , \ v = \! 7440 \\ w = \! 20 \ , \ h = \! 90 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1800 \end{array}$$



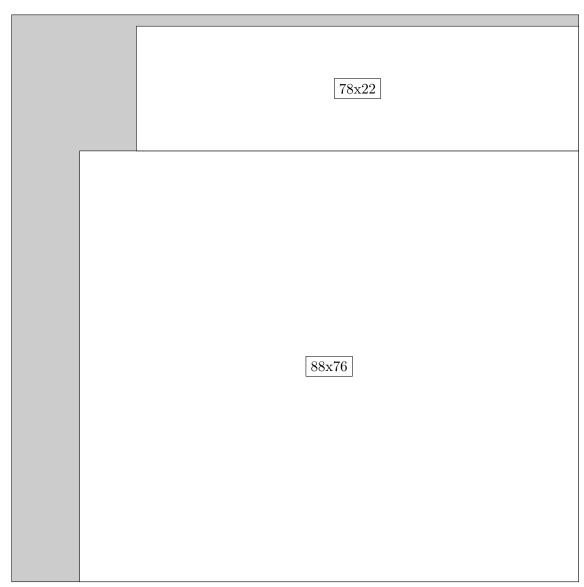
 $\le =95$  , h =99 , x =5 , y =0 , v =9405



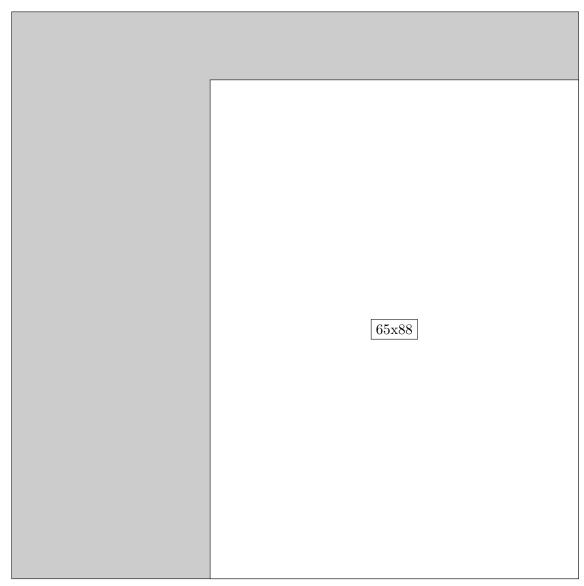
 $\le =70$  , h =78 , x =30 , y =0 , v =5460



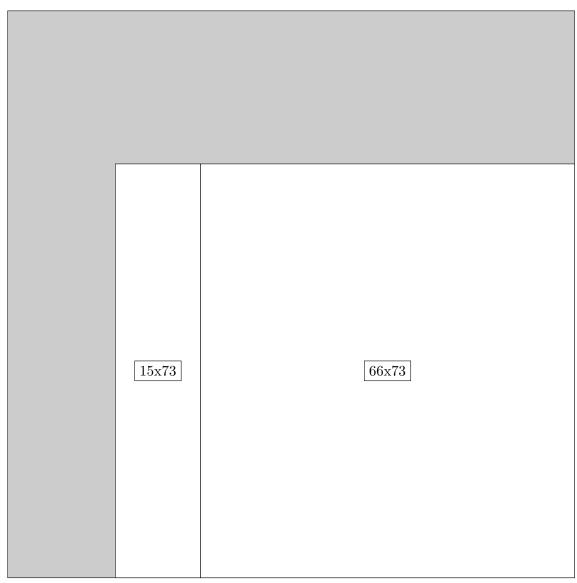
 $\le =92$  , h =86 , x =8 , y =0 , v =7912



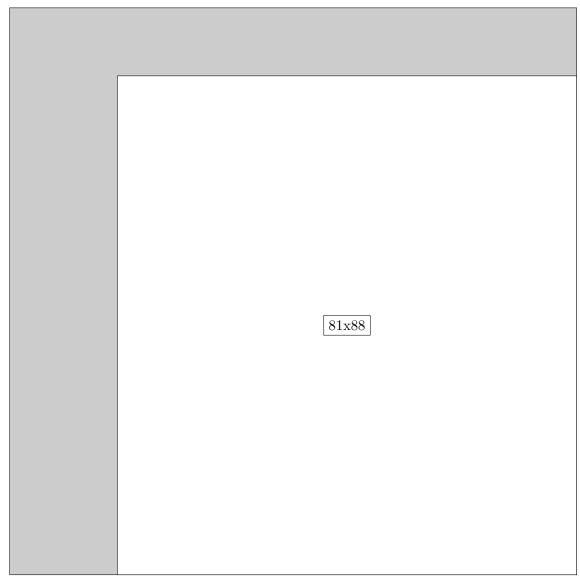
$$\begin{array}{l} w = \! 88 \ , \, h = \! 76 \ , \, x = \! 12 \ , \, y = \! 0 \ , \, v = \! 6688 \\ w = \! 78 \ , \, h = \! 22 \ , \, x = \! 22 \ , \, y = \! 76 \ , \, v = \! 1716 \end{array}$$



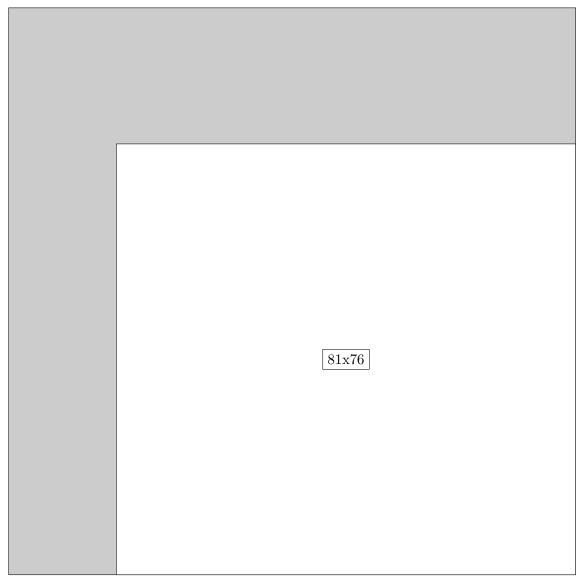
 $\le =65$  , h =88 , x =35 , y =0 , v =5720



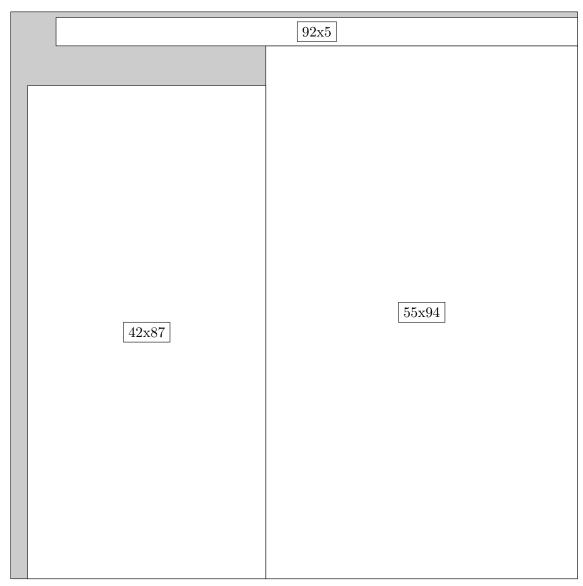
w =66, h =73, x =34, y =0, v =4818 w =15, h =73, x =19, y =0, v =1095



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



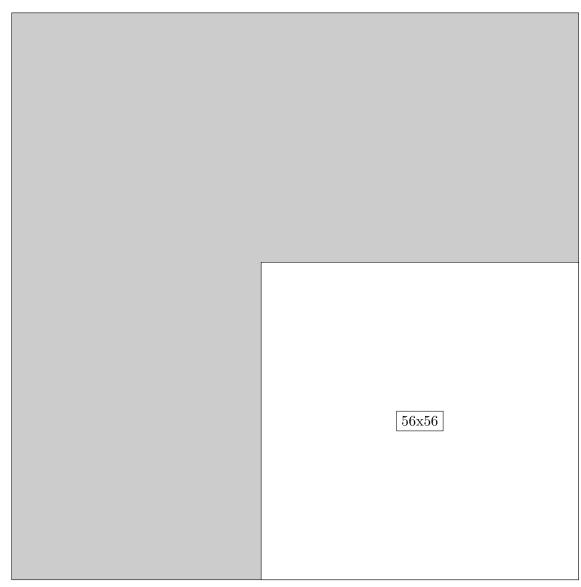
 $\le =81$  , h =76 , x =19 , y =0 , v =6156



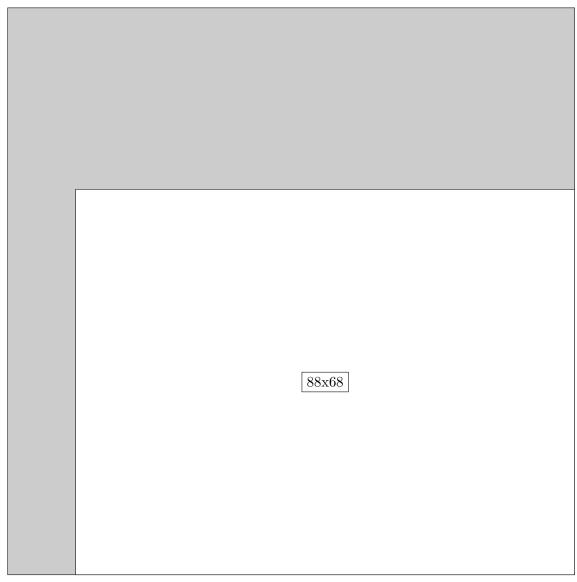
$$w$$
 =55 ,  $h$  =94 ,  $x$  =45 ,  $y$  =0 ,  $v$  =5170

$$\le =42$$
 , h =87 , x =3 , y =0 , v =3654

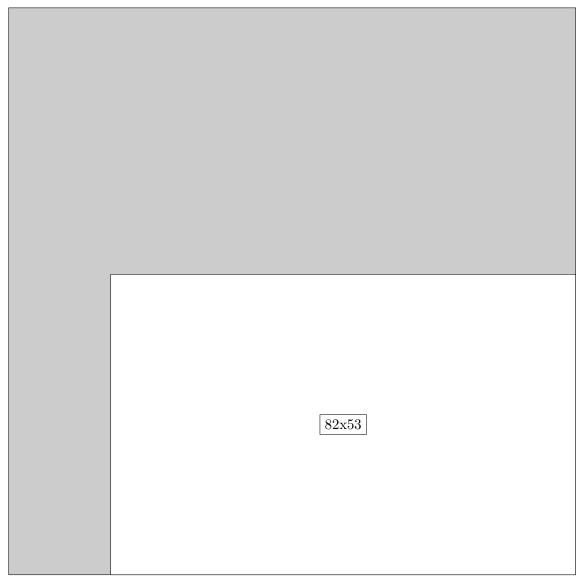
$$\le =92$$
 , h =5 , x =8 , y =94 , v =460



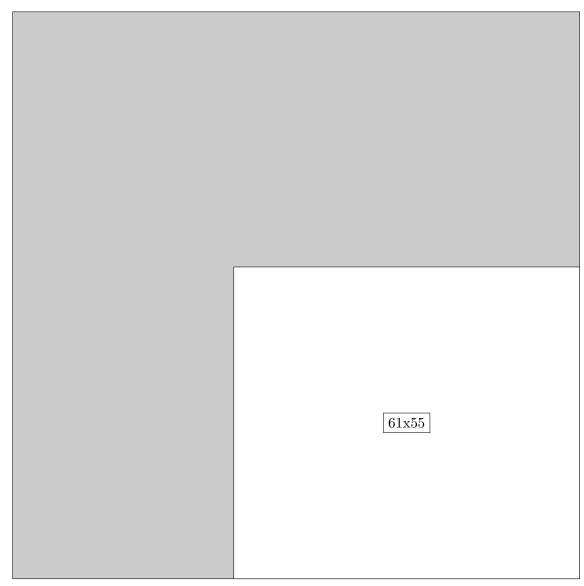
 $\le =56$  , h=56 , x=44 , y=0 , v=3136



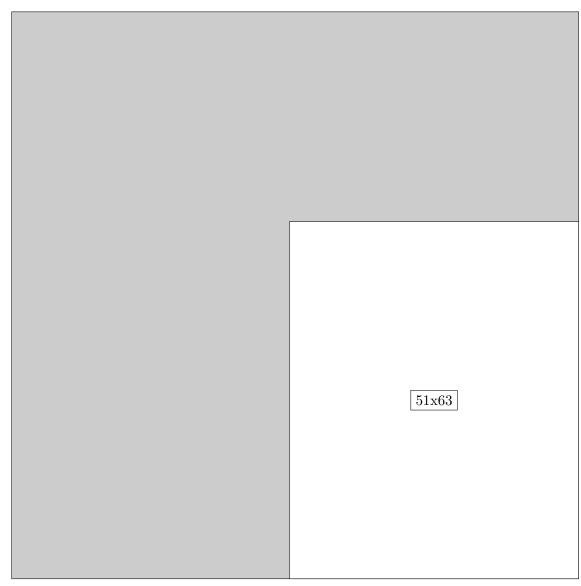
 $\le =88$  , h =68 , x =12 , y =0 , v =5984



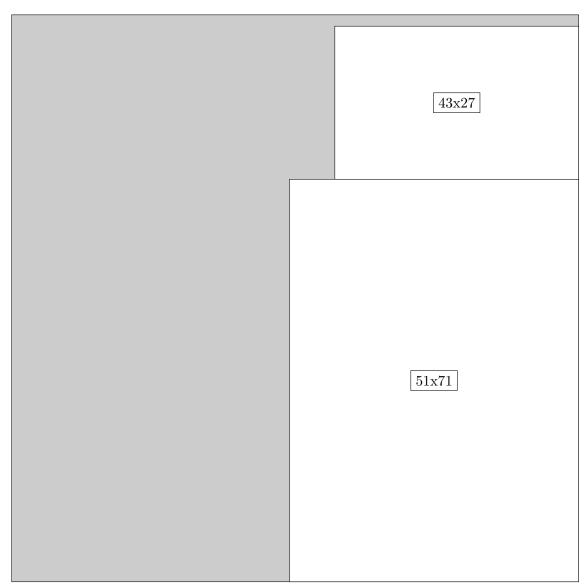
 $\le =82$  , h =53 , x =18 , y =0 , v =4346



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



 $\le =51$  , h =63 , x =49 , y =0 , v =3213



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