$ClassName: \ Class_09.2bp-25$

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

TypeNum: <u>59</u> Num: <u>60</u> OutS: <u>370000</u> InS: <u>241582</u> Rate: <u>0.653</u> UB: <u>37</u> LB0: <u>37</u>

LBWithCut: $\underline{37}$ NodeCut: $\underline{0}$

LB: **37**

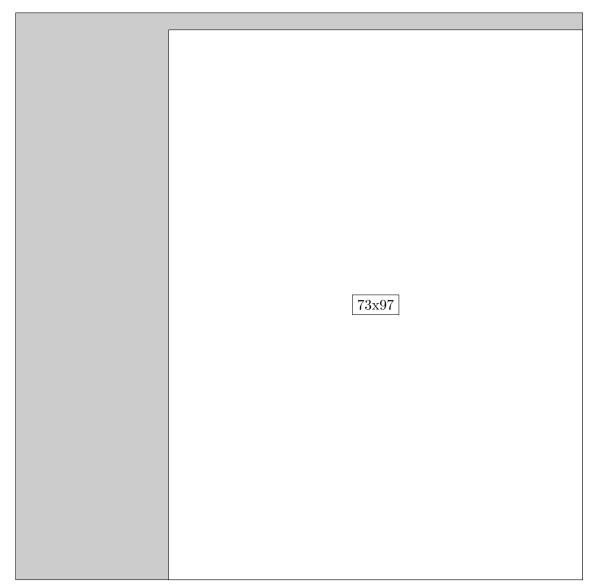
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{37}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

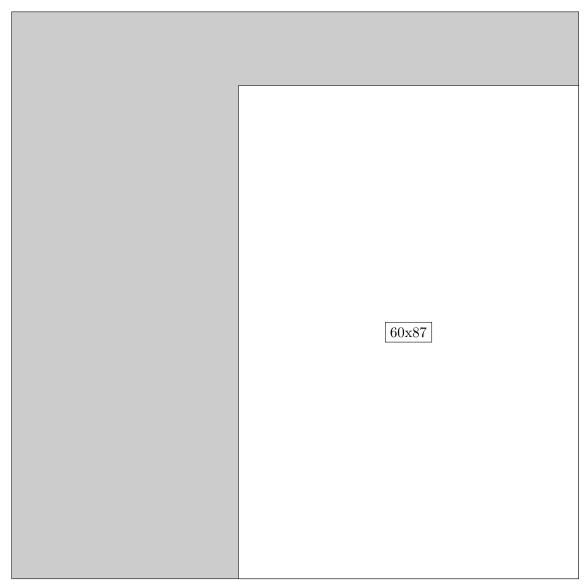
isOpt: $\underline{\mathbf{true}}$

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

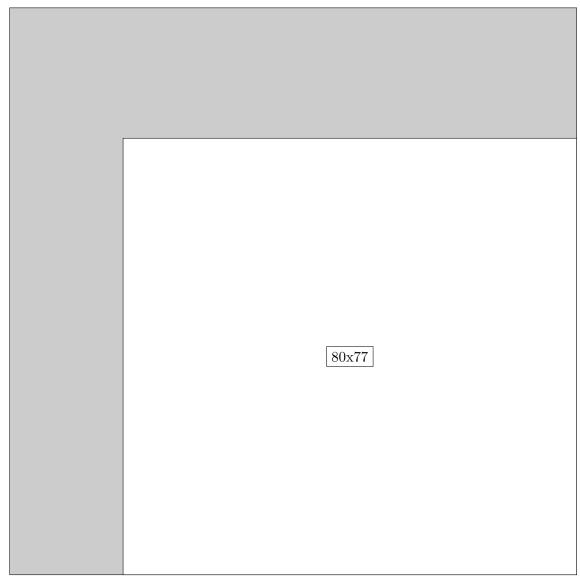
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 600.328 s



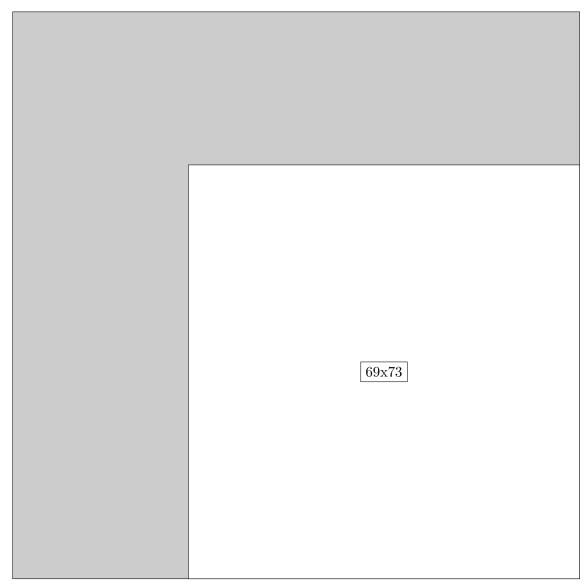
 $\le =73$, h =97 , x =27 , y =0 , v =7081



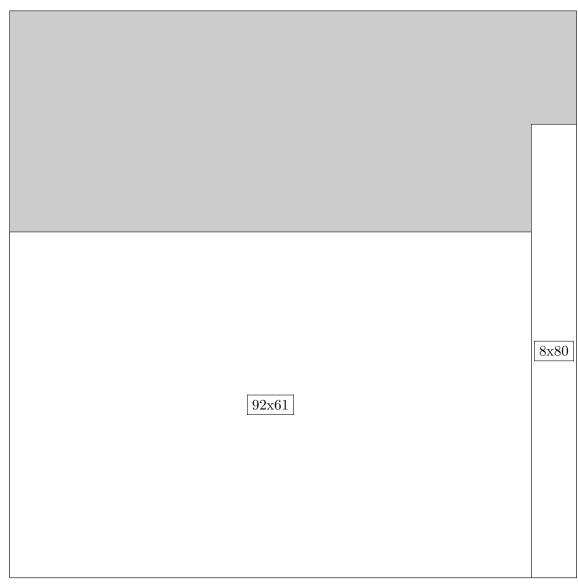
 $\le =60$, h =87 , x =40 , y =0 , v =5220



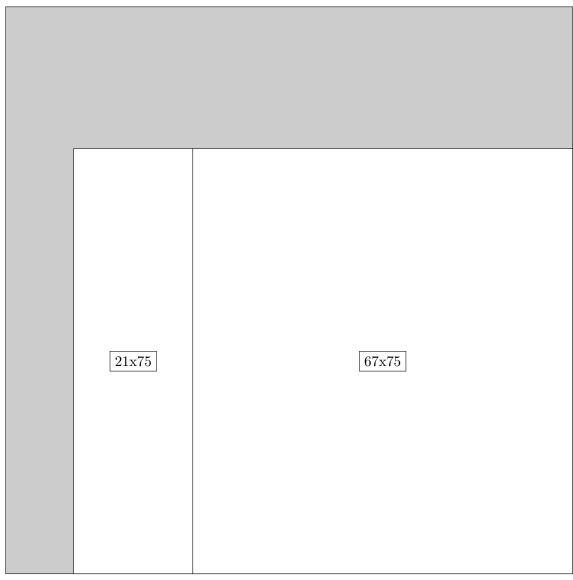
 $\le =80$, h =77 , x =20 , y =0 , v =6160



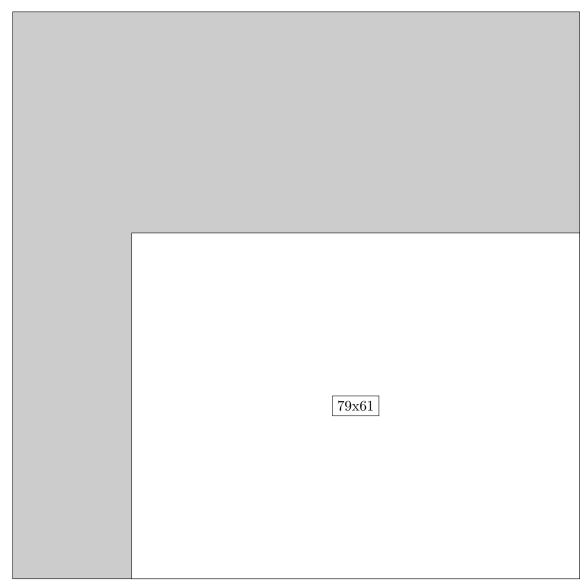
 $\le =69$, h =73 , x =31 , y =0 , v =5037



$$\begin{array}{c} w = 8 \; , \; h = \! 80 \; , \; x = \! 92 \; , \; y = \! 0 \; , \; v = \! 640 \\ w = \! 92 \; , \; h = \! 61 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 5612 \end{array}$$



$$\begin{array}{l} w = \!67 \; , \; h = \!75 \; , \; x = \!33 \; , \; y = \!0 \; , \; v = \!5025 \\ w = \!21 \; , \; h = \!75 \; , \; x = \!12 \; , \; y = \!0 \; , \; v = \!1575 \end{array}$$



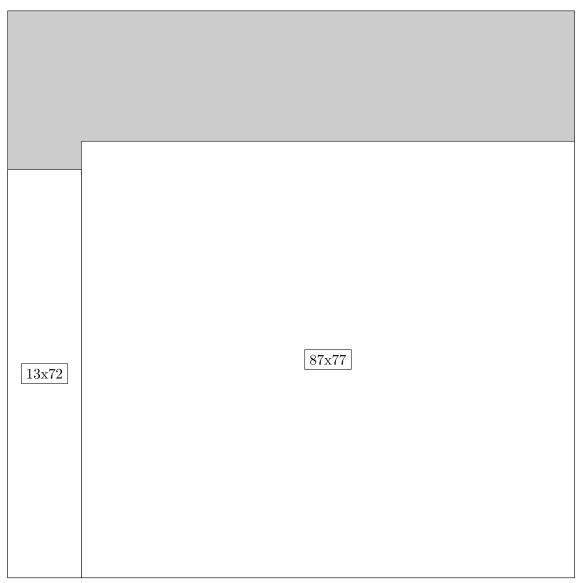
 $\le =79$, h =61 , x =21 , y =0 , v =4819

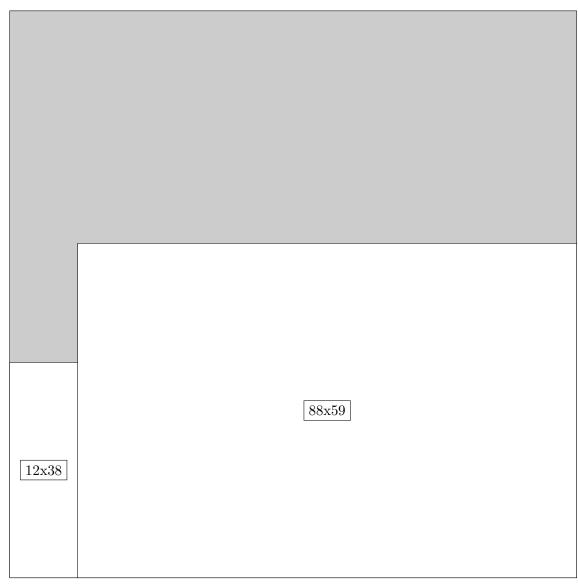


$$\begin{array}{l} w = \! 89 \ , \, h = \! 77 \ , \, x = \! 11 \ , \, y = \! 0 \ , \, v = \! 6853 \\ w = \! 89 \ , \, h = \! 23 \ , \, x = \! 11 \ , \, y = \! 77 \ , \, v = \! 2047 \end{array}$$

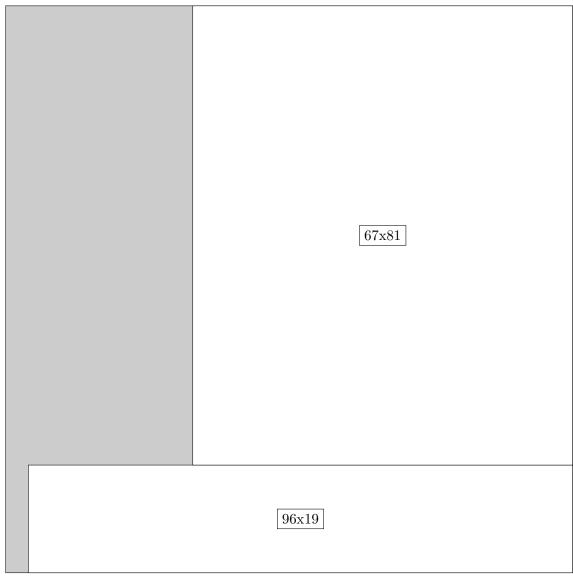


$$\begin{array}{l} w = 92 \ , \ h = \!\! 43 \ , \ x = \!\! 8 \ , \ y = \!\! 0 \ , \ v = \!\! 3956 \\ w = \!\! 61 \ , \ h = \!\! 52 \ , \ x = \!\! 39 \ , \ y = \!\! 43 \ , \ v = \!\! 3172 \\ w = \!\! 24 \ , \ h = \!\! 4 \ , \ x = \!\! 76 \ , \ y = \!\! 95 \ , \ v = \!\! 96 \end{array}$$

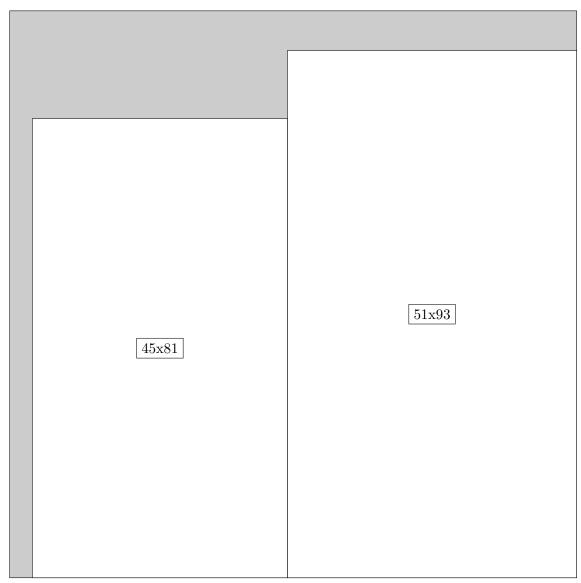




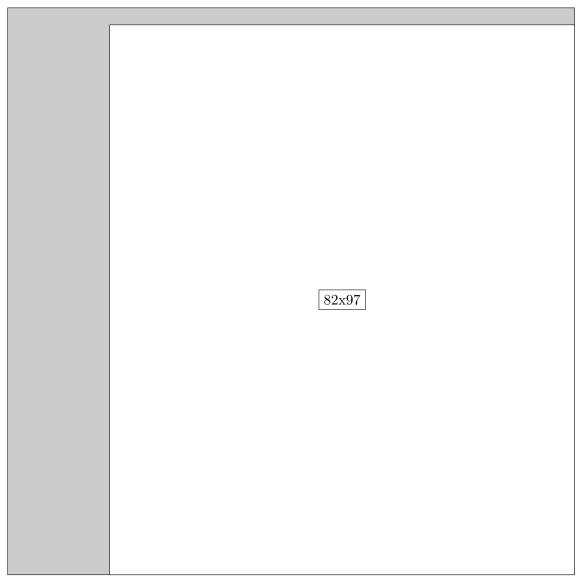
$$\begin{array}{l} w = \! 88 \ , \ h = \! 59 \ , \ x = \! 12 \ , \ y = \! 0 \ , \ v = \! 5192 \\ w = \! 12 \ , \ h = \! 38 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 456 \end{array}$$



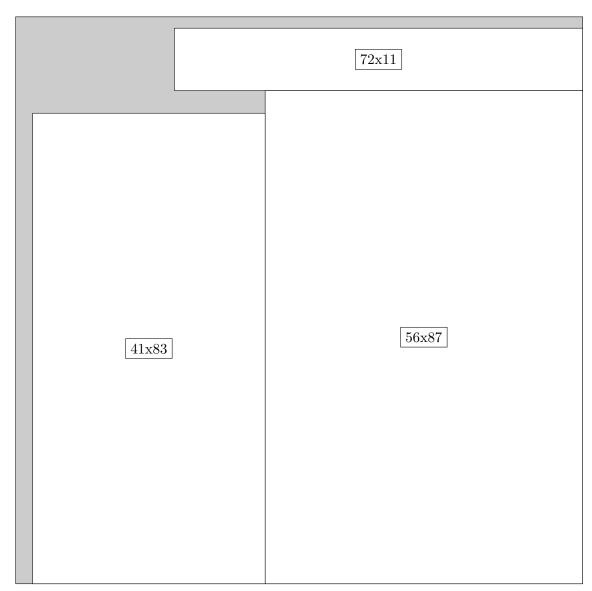
$$\begin{array}{l} w = \! 96 \; , \; h = \! 19 \; , \; x = \! 4 \; , \; y = \! 0 \; , \; v = \! 1824 \\ w = \! 67 \; , \; h = \! 81 \; , \; x = \! 33 \; , \; y = \! 19 \; , \; v = \! 5427 \end{array}$$



$$\begin{array}{l} w = \!\! 51 \ , \ h = \!\! 93 \ , \ x = \!\! 49 \ , \ y = \!\! 0 \ , \ v = \!\! 4743 \\ w = \!\! 45 \ , \ h = \!\! 81 \ , \ x = \!\! 4 \ , \ y = \!\! 0 \ , \ v = \!\! 3645 \end{array}$$



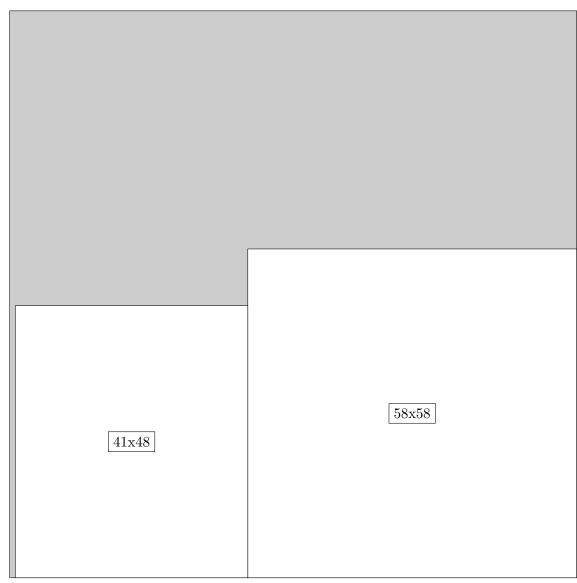
 $\le =82$, h =97 , x =18 , y =0 , v =7954



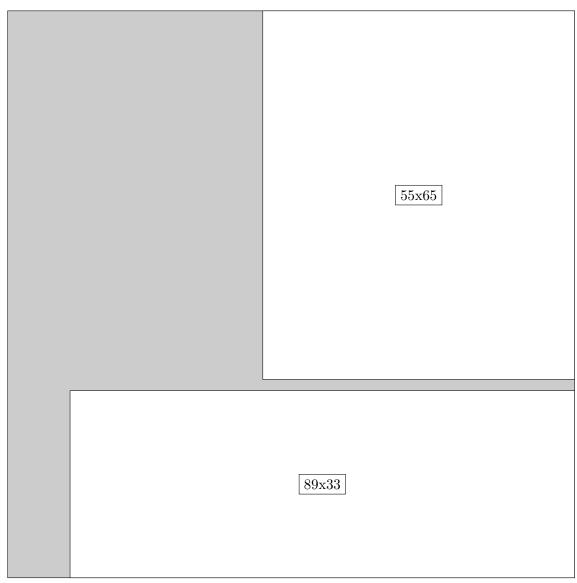
$$\mathbf{w}$$
 =56 , \mathbf{h} =87 , \mathbf{x} =44 , \mathbf{y} =0 , \mathbf{v} =4872

$$\le =41$$
 , h =83 , x =3 , y =0 , v =3403

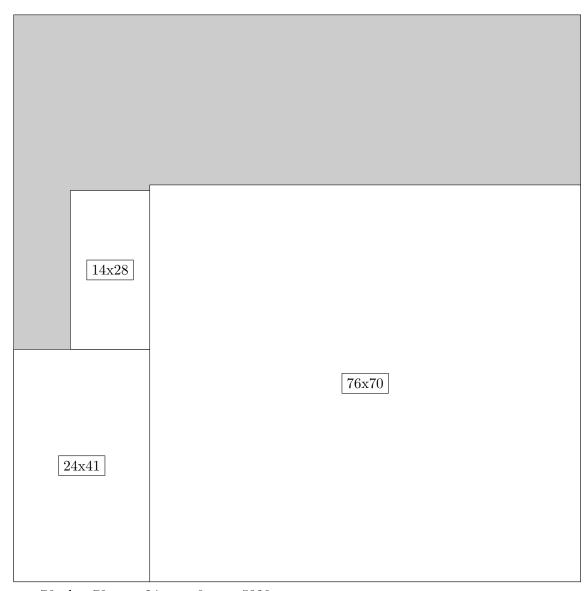
$$w$$
 =72 , h =11 , x =28 , y =87 , v =792



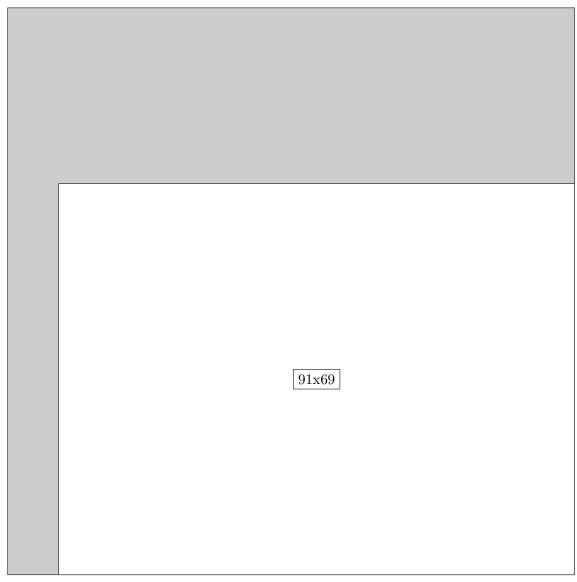
$$\begin{array}{l} w = \!\! 58 \ , \ h = \!\! 58 \ , \ x = \!\! 42 \ , \ y = \!\! 0 \ , \ v = \!\! 3364 \\ w = \!\! 41 \ , \ h = \!\! 48 \ , \ x = \!\! 1 \ , \ y = \!\! 0 \ , \ v = \!\! 1968 \end{array}$$



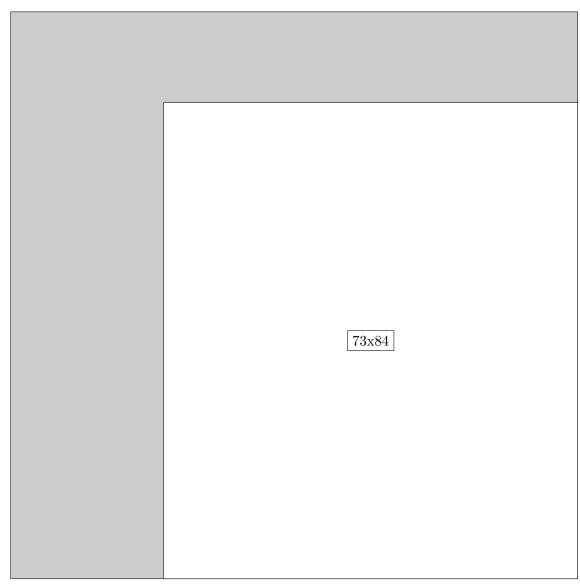
$$\begin{array}{l} w = \! 89 \ , \ h = \! 33 \ , \ x = \! 11 \ , \ y = \! 0 \ , \ v = \! 2937 \\ w = \! 55 \ , \ h = \! 65 \ , \ x = \! 45 \ , \ y = \! 35 \ , \ v = \! 3575 \end{array}$$



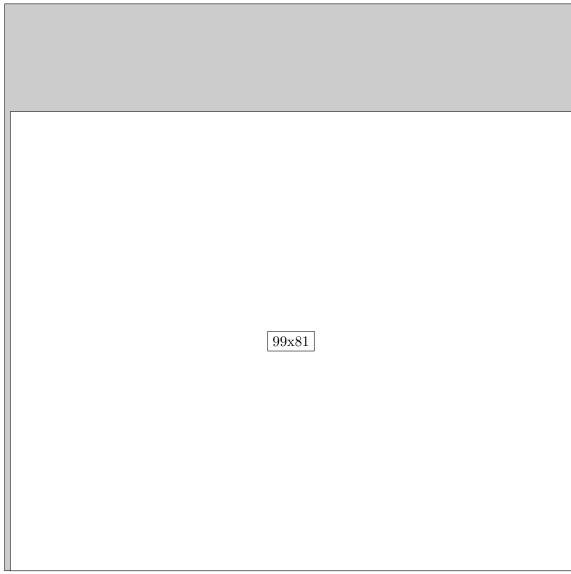
 $w=\!14$, $h=\!28$, $x=\!10$, $y=\!41$, $v=\!392$



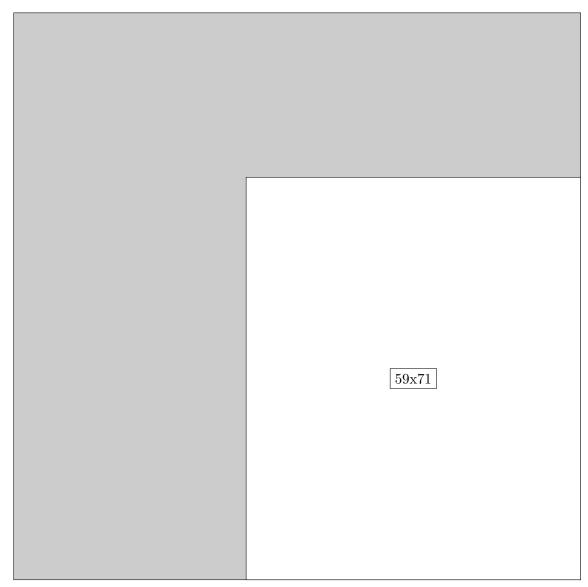
 ≤ -91 , h =69 , x =9 , y =0 , v =6279



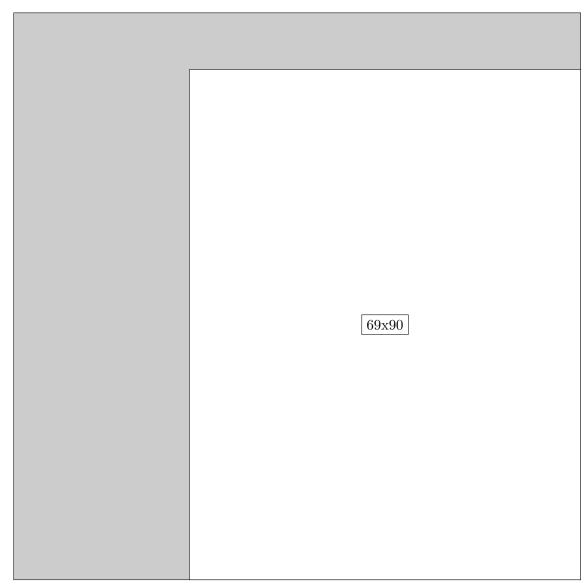
 $\le =73$, h =84 , x =27 , y =0 , v =6132



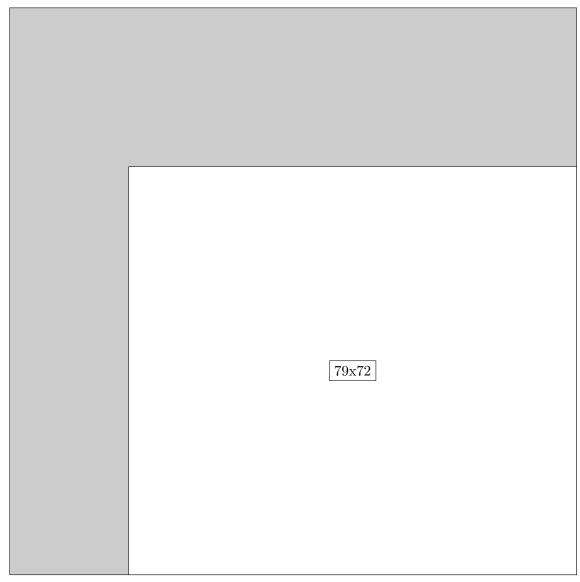
 $\le =99$, h =81 , x =1 , y =0 , v =8019



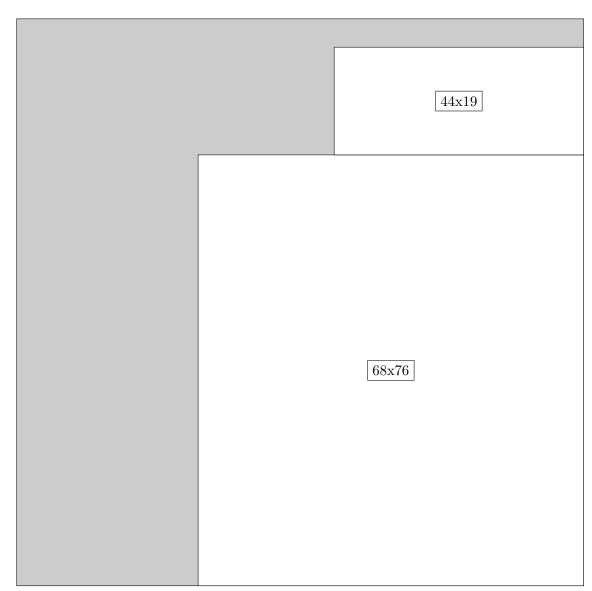
 $\le =59$, h =71 , x =41 , y =0 , v =4189



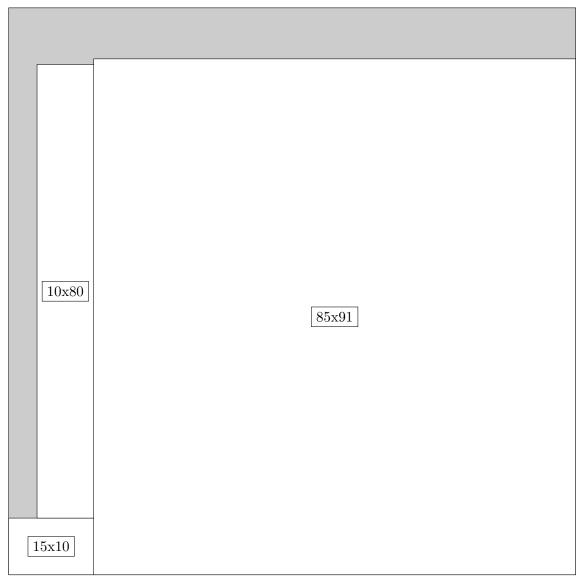
 $\le =69$, h =90 , x =31 , y =0 , v =6210



 $\le =79$, h =72 , x =21 , y =0 , v =5688



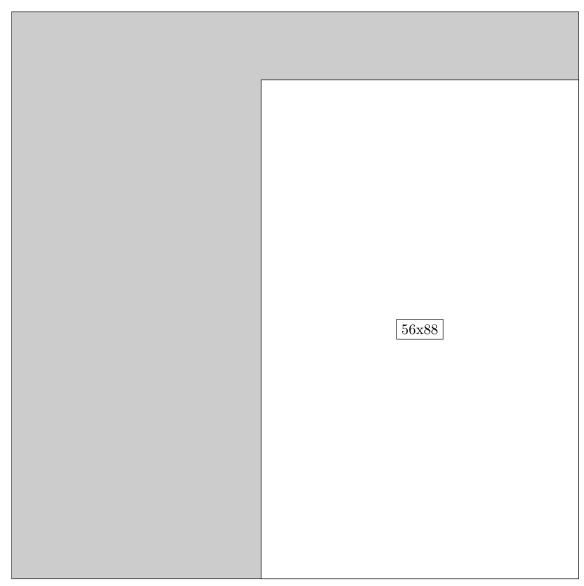
$$\begin{array}{l} w = \!68 \; , \; h = \!\!76 \; , \; x = \!\!32 \; , \; y = \!\!0 \; , \; v = \!\!5168 \\ w = \!\!44 \; , \; h = \!\!19 \; , \; x = \!\!56 \; , \; y = \!\!76 \; , \; v = \!\!836 \end{array}$$



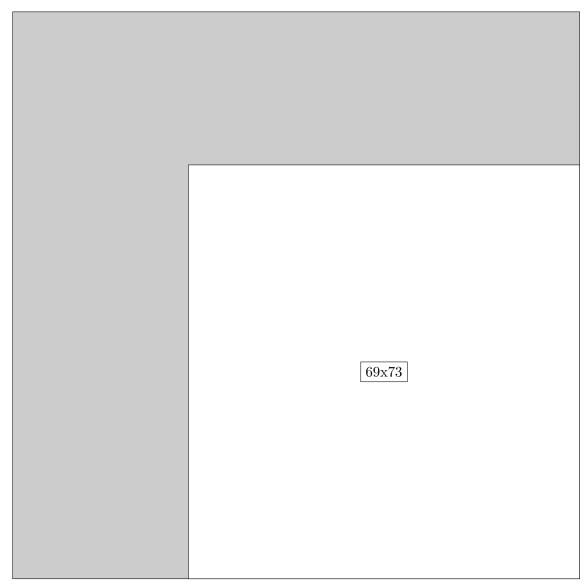
$$w$$
 =85 , h =91 , x =15 , y =0 , v =7735

$$\le =15$$
 , h =10 , x =0 , y =0 , v =150

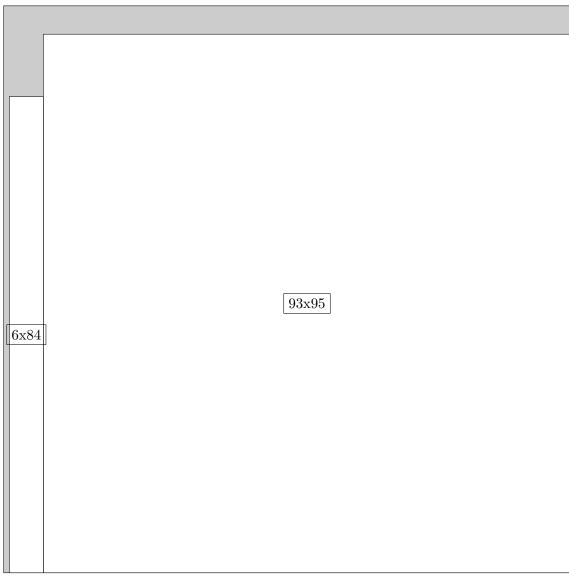
$$\le =10$$
 , h =80 , x =5 , y =10 , v =800



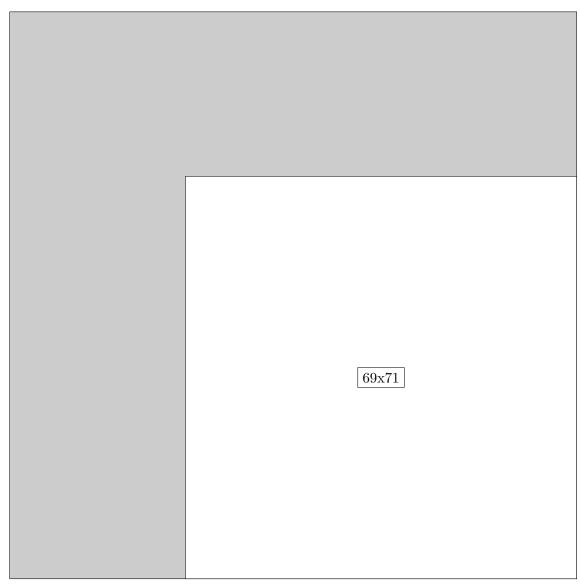
 $\le =56$, h =88 , x =44 , y =0 , v =4928



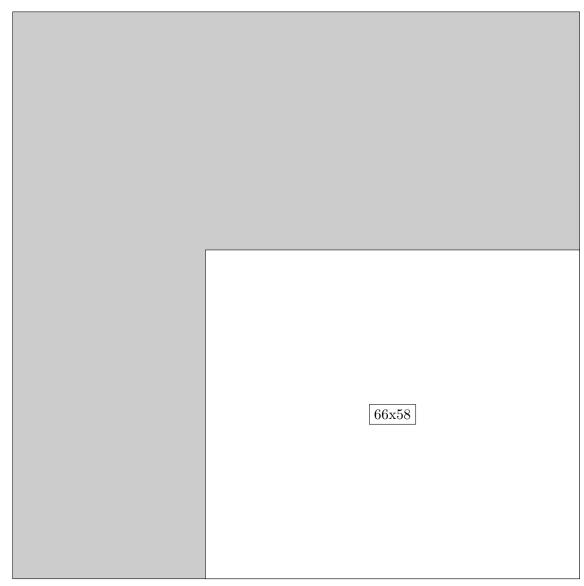
 $\le =69$, h =73 , x =31 , y =0 , v =5037



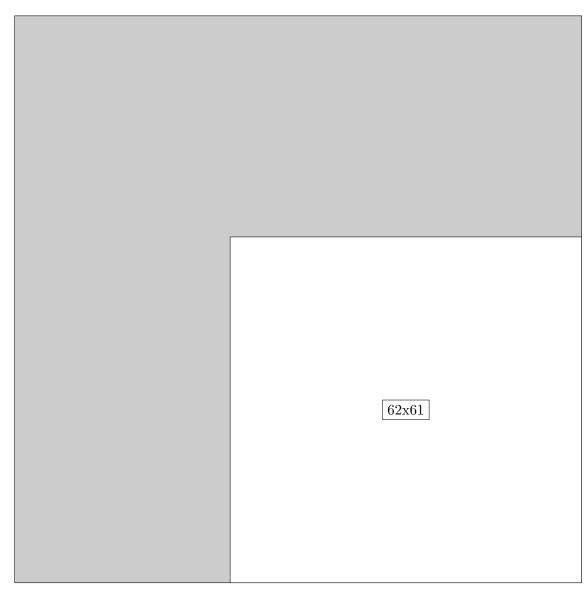
 $\begin{array}{l} w = \! 93 \; , \; h = \! 95 \; , \; x = \! 7 \; , \; y = \! 0 \; , \; v = \! 8835 \\ w = \! 6 \; , \; h = \! 84 \; , \; x = \! 1 \; , \; y = \! 0 \; , \; v = \! 504 \end{array}$



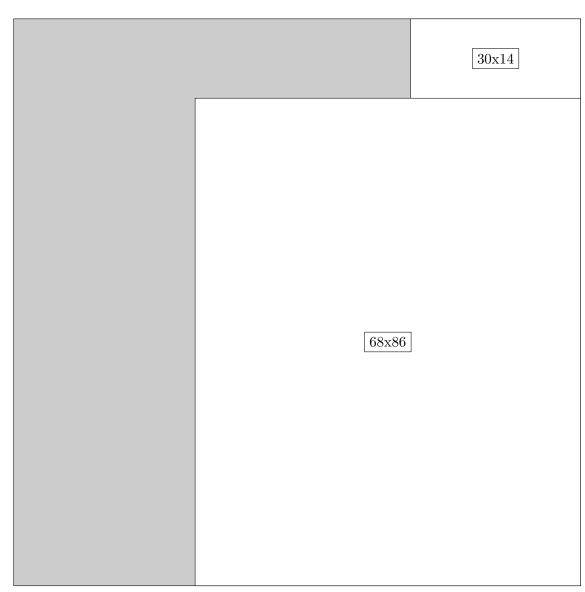
 $\le =69$, h =71 , x =31 , y =0 , v =4899



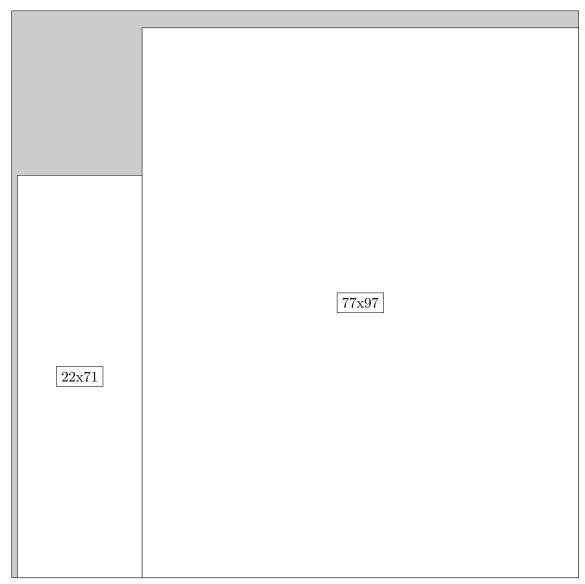
 $\le =66$, h=58 , x=34 , y=0 , v=3828



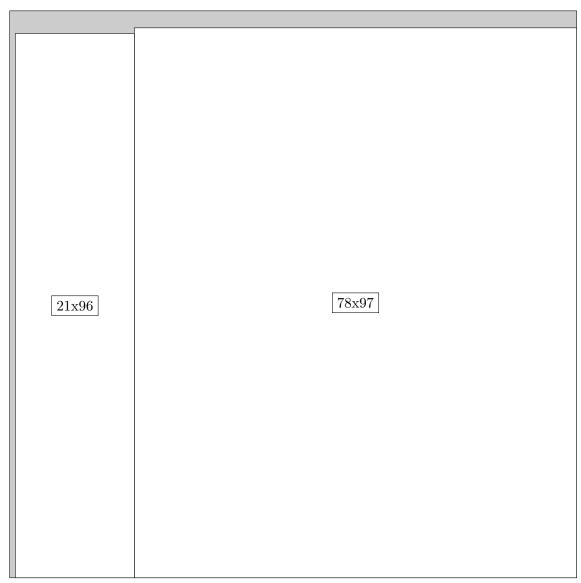
 $\le =62$, h=61 , x=38 , y=0 , v=3782

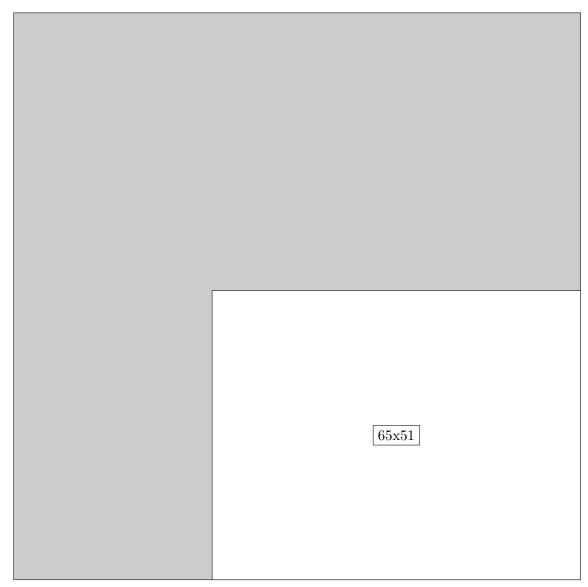


$$\begin{array}{l} w = \!68 \; , \; h = \!86 \; , \; x = \!32 \; , \; y = \!0 \; , \; v = \!5848 \\ w = \!30 \; , \; h = \!14 \; , \; x = \!70 \; , \; y = \!86 \; , \; v = \!420 \end{array}$$

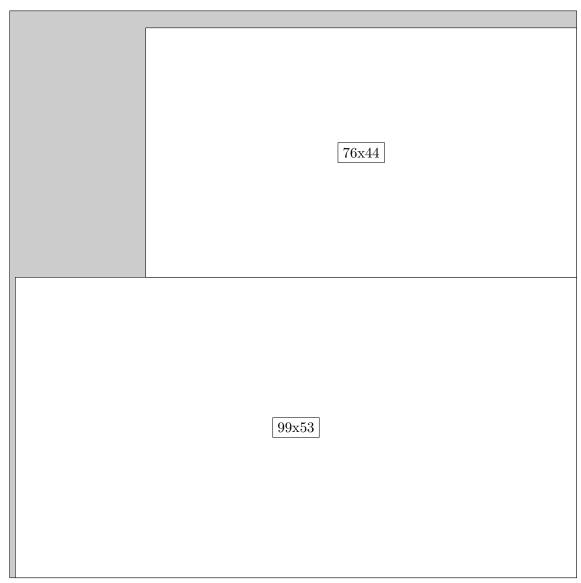


$$\begin{array}{l} w = \!\!\! 77 \ , \ h = \!\!\! 97 \ , \ x = \!\!\! 23 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 7469 \\ w = \!\!\! 22 \ , \ h = \!\!\! 71 \ , \ x = \!\!\! 1 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 1562 \end{array}$$





 $\le =65$, $h=\!51$, $x=\!35$, $y=\!0$, $v=\!3315$



$$\begin{array}{c} w = 99 \ , \ h = \!\! 53 \ , \ x = \!\! 1 \ , \ y = \!\! 0 \ , \ v = \!\! 5247 \\ w = \!\! 76 \ , \ h = \!\! 44 \ , \ x = \!\! 24 \ , \ y = \!\! 53 \ , \ v = \!\! 3344 \end{array}$$