$ClassName: {\bf Class\_09.2bp-41}$ 

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

TypeNum: 99 Num: 100 OutS: 640000 InS: 430560 Rate: 0.673 UB: 64 LB0: 64 LB: 64

LBWithCut:  $\underline{\mathbf{64}}$ NodeCut:  $\underline{\mathbf{0}}$ 

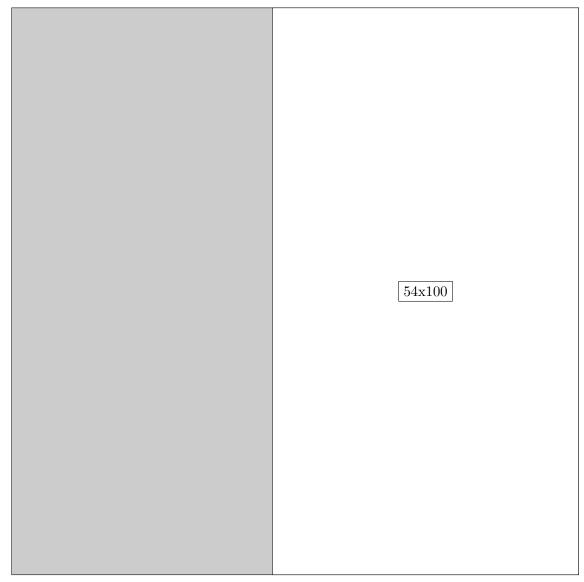
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{64}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

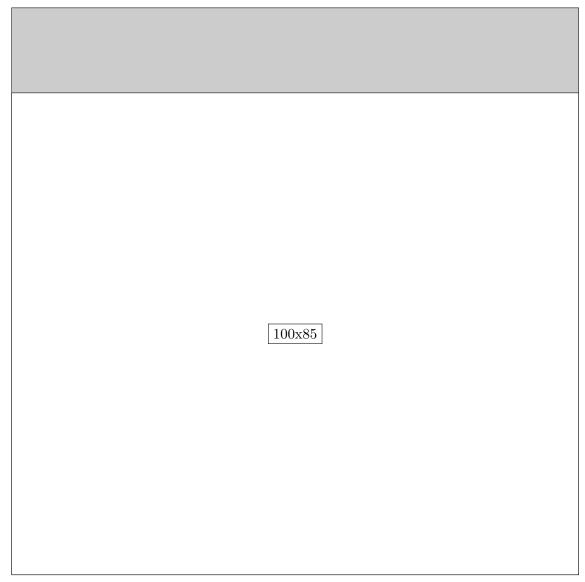
isOpt:  $\underline{\mathbf{true}}$ 

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

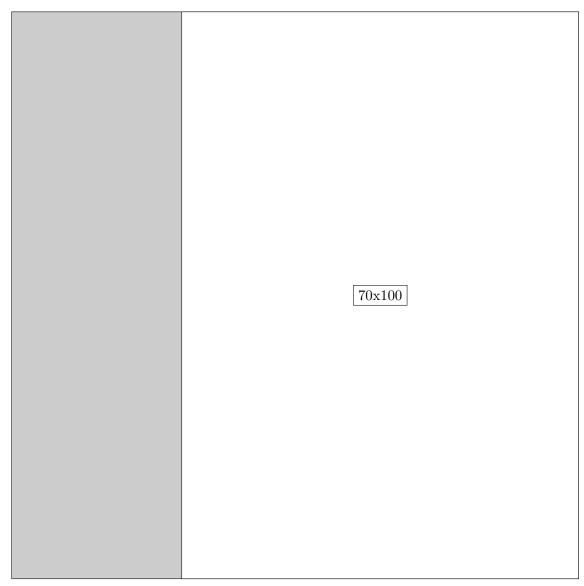
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 600.343 s



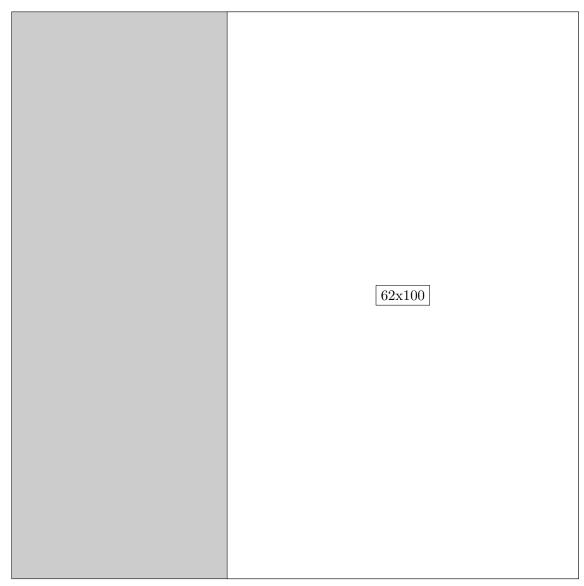
 $\le =54$  , h =100 , x =46 , y =0 , v =5400



 $\le =100$  , h = 85 , x =0 , y =0 , v = 8500



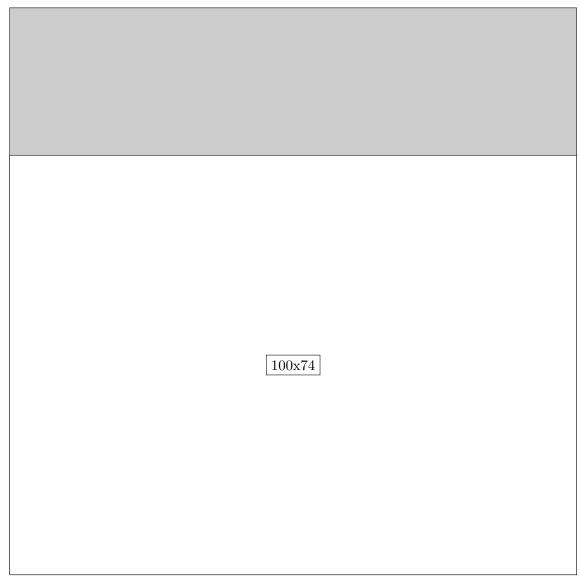
 $\mathbf{w}$  =70 ,  $\mathbf{h}$  =100 ,  $\mathbf{x}$  =30 ,  $\mathbf{y}$  =0 ,  $\mathbf{v}$  =7000



 $\le =62$  , h = 100 , x = 38 , y = 0 , v = 6200



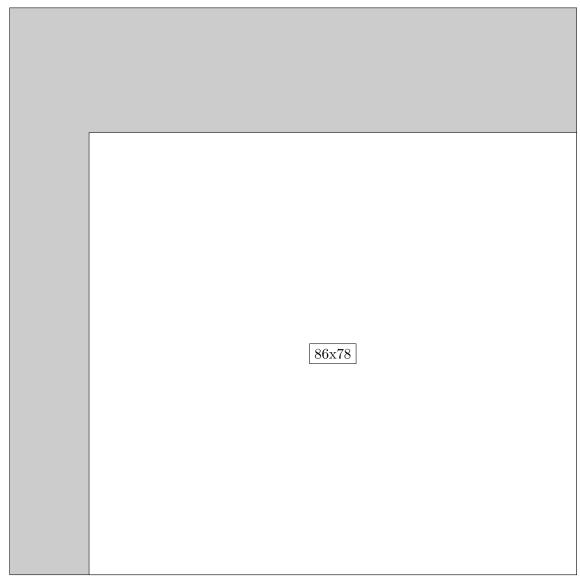
 $\le =100$  , h =78 , x =0 , y =0 , v =7800



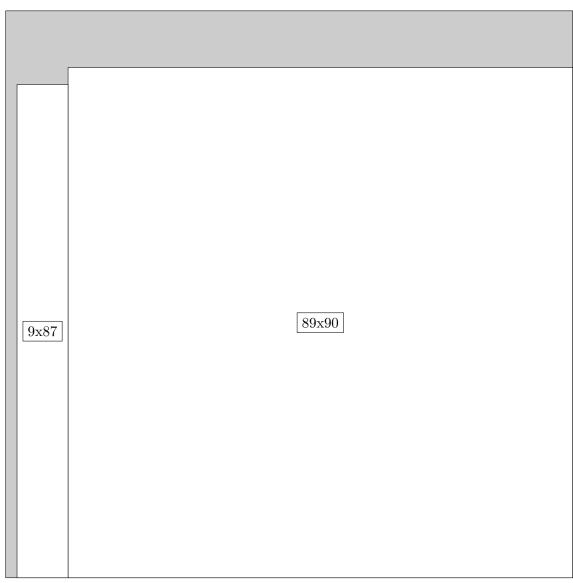
 $\le 100$  , h =74 , x =0 , y =0 , v =7400



$$\begin{array}{l} w = 99 \ , \ h = 38 \ , \ x = 1 \ , \ y = 0 \ , \ v = 3762 \\ w = 73 \ , \ h = 62 \ , \ x = 27 \ , \ y = 38 \ , \ v = 4526 \end{array}$$



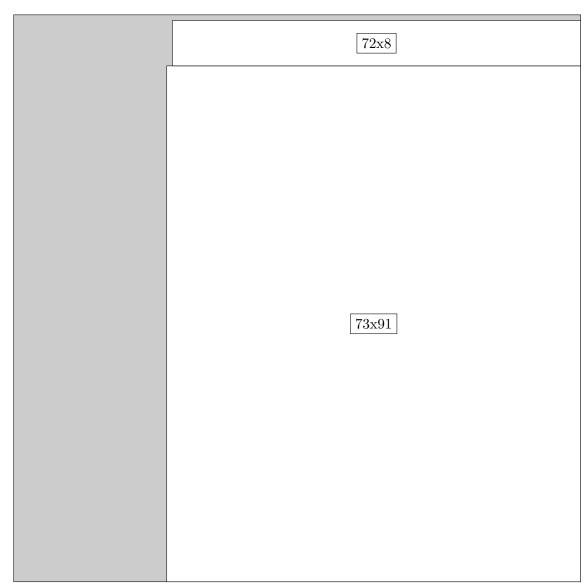
 $\le =86$  , h =78 , x =14 , y =0 , v =6708



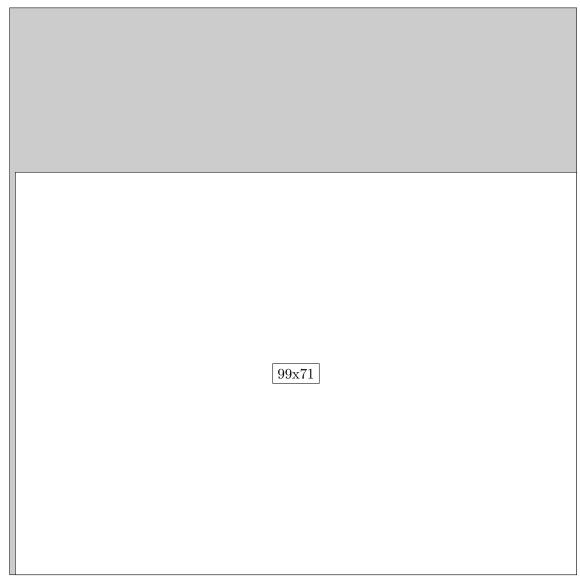
$$\begin{array}{l} w = \! 89 \; , \; h = \! 90 \; , \; x = \! 11 \; , \; y = \! 0 \; , \; v = \! 8010 \\ w = \! 9 \; , \; h = \! 87 \; , \; x = \! 2 \; , \; y = \! 0 \; , \; v = \! 783 \\ \end{array}$$



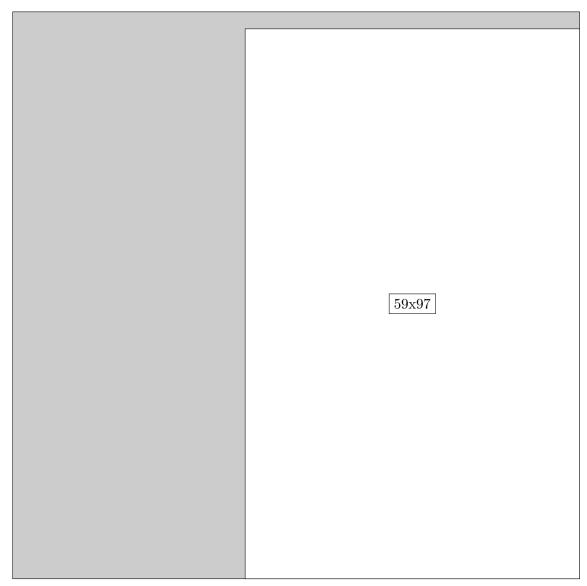
$$\begin{array}{l} w = \!\! 73 \ , \ h = \!\! 63 \ , \ x = \!\! 27 \ , \ y = \!\! 0 \ , \ v = \!\! 4599 \\ w = \!\! 69 \ , \ h = \!\! 36 \ , \ x = \!\! 31 \ , \ y = \!\! 63 \ , \ v = \!\! 2484 \end{array}$$



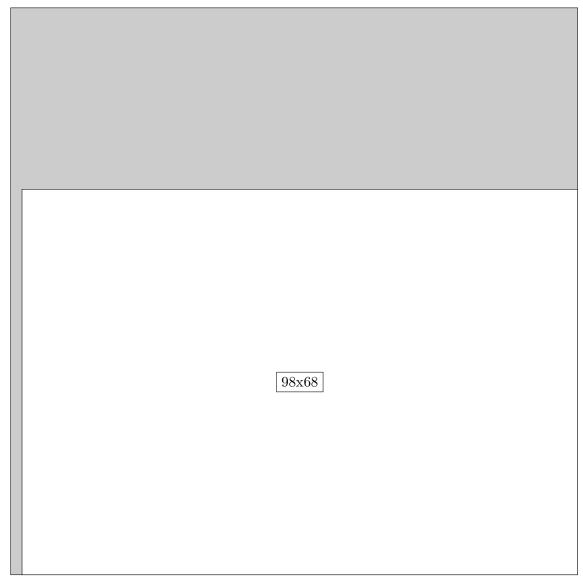
$$\begin{array}{l} w = \!\!\!\! 73 \ , \ h = \!\!\!\! 91 \ , \ x = \!\!\!\! 27 \ , \ y = \!\!\!\! 0 \ , \ v = \!\!\!\! 6643 \\ w = \!\!\!\! 72 \ , \ h = \!\!\!\! 8 \ , \ x = \!\!\!\! 28 \ , \ y = \!\!\!\! 91 \ , \ v = \!\!\!\! 576 \end{array}$$



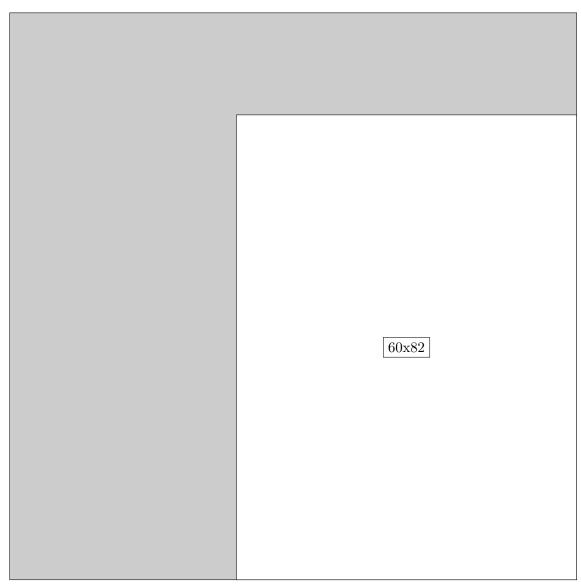
 $\le =99$  , h =71 , x =1 , y =0 , v =7029



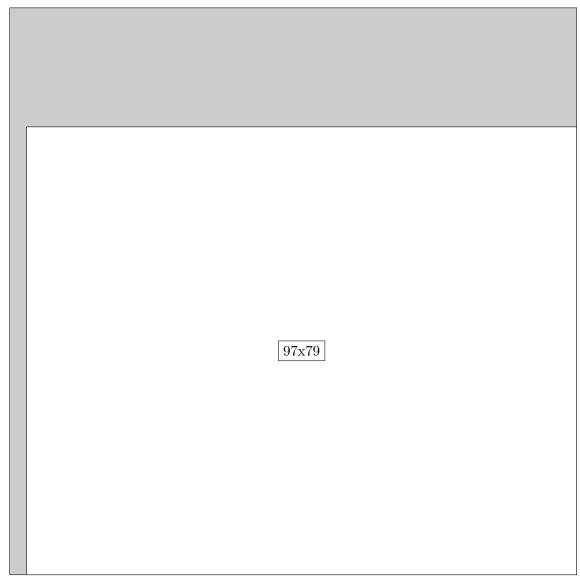
 $\le =59$  , h =97 , x =41 , y =0 , v =5723



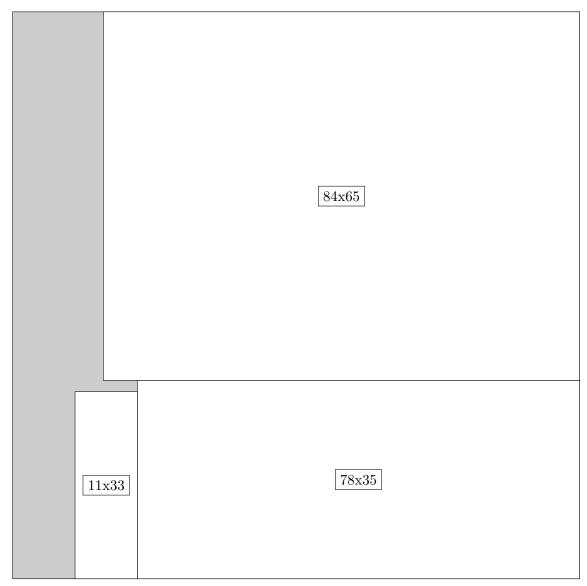
 $\le =98$  , h =68 , x =2 , y =0 , v =6664



 $\le =60$  , h =82 , x =40 , y =0 , v =4920



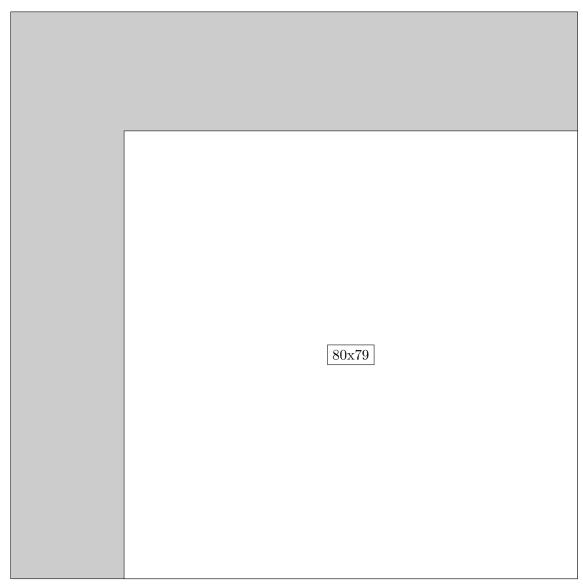
 $\le =97$  , h =79 , x =3 , y =0 , v =7663



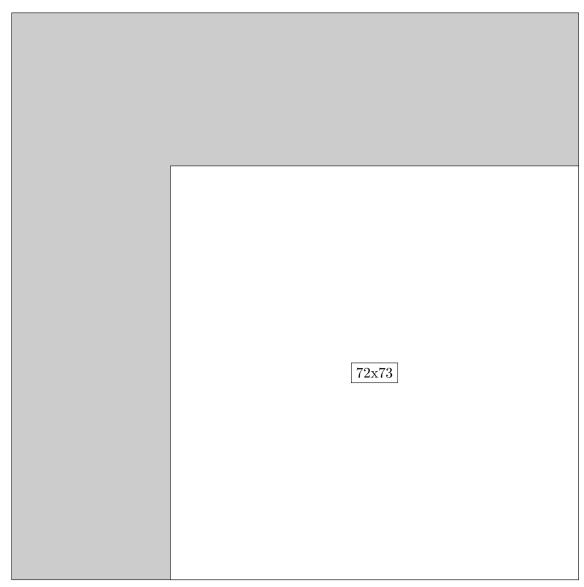
$$w = 78$$
,  $h = 35$ ,  $x = 22$ ,  $y = 0$ ,  $v = 2730$ 

$$\le =11$$
 , h =33 , x =11 , y =0 , v =363

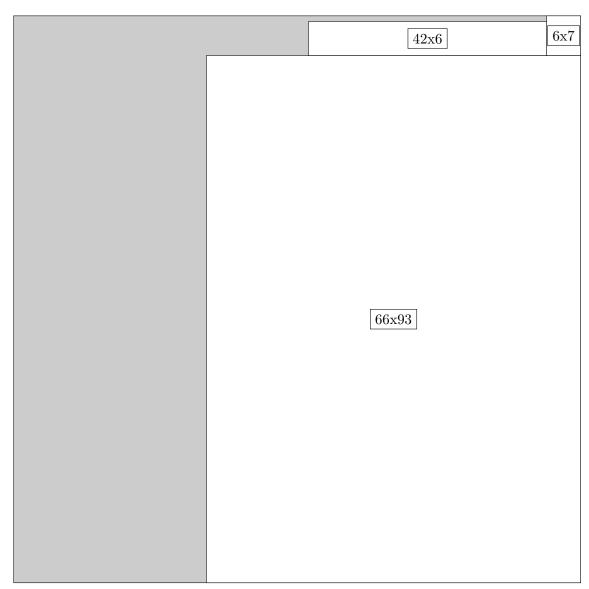
$$\le =84$$
 , h =65 , x =16 , y =35 , v =5460



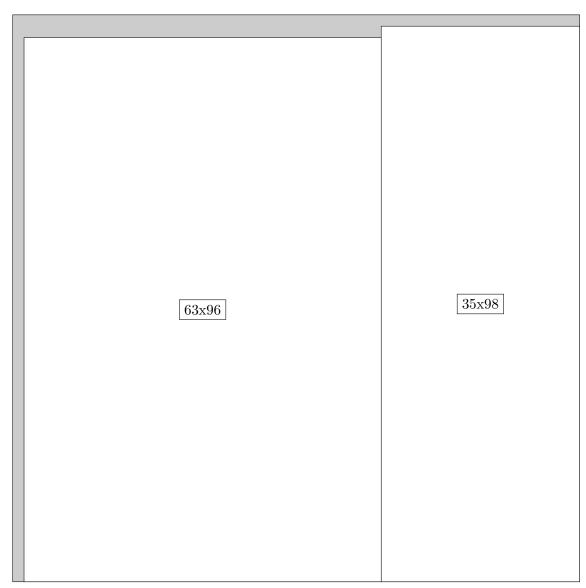
 $\le =80$  , h =79 , x =20 , y =0 , v =6320



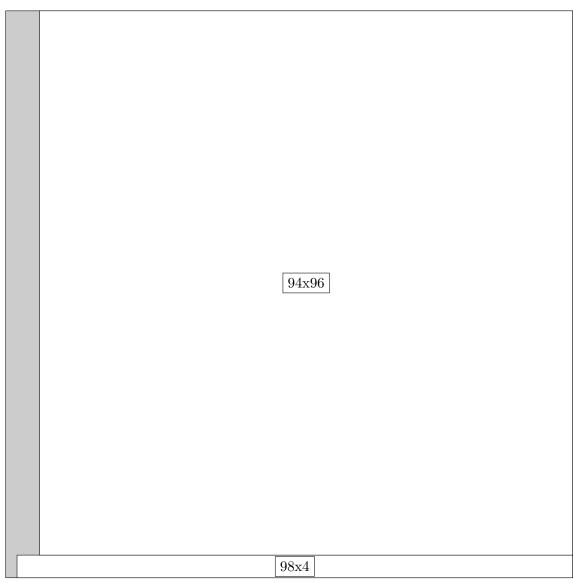
 $\le =72$  , h =73 , x =28 , y =0 , v =5256



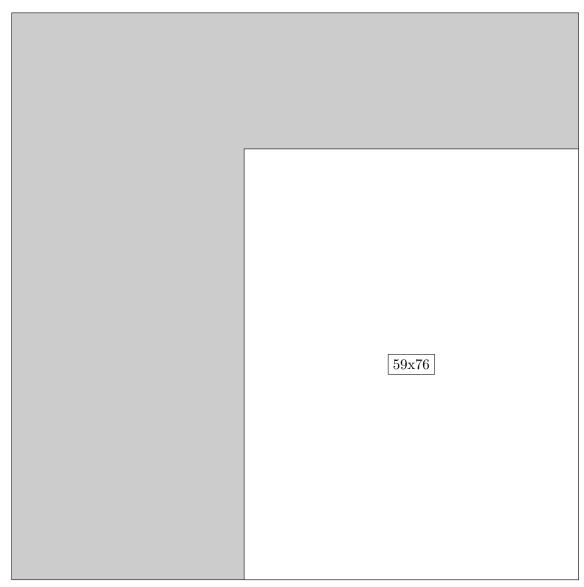
$$\begin{array}{l} w = \!\!66 \;,\; h = \!\!93 \;,\; x = \!\!34 \;,\; y = \!\!0 \;,\; v = \!\!6138 \\ w = \!\!6 \;,\; h = \!\!7 \;,\; x = \!\!94 \;,\; y = \!\!93 \;,\; v = \!\!42 \\ w = \!\!42 \;,\; h = \!\!6 \;,\; x = \!\!52 \;,\; y = \!\!93 \;,\; v = \!\!252 \end{array}$$



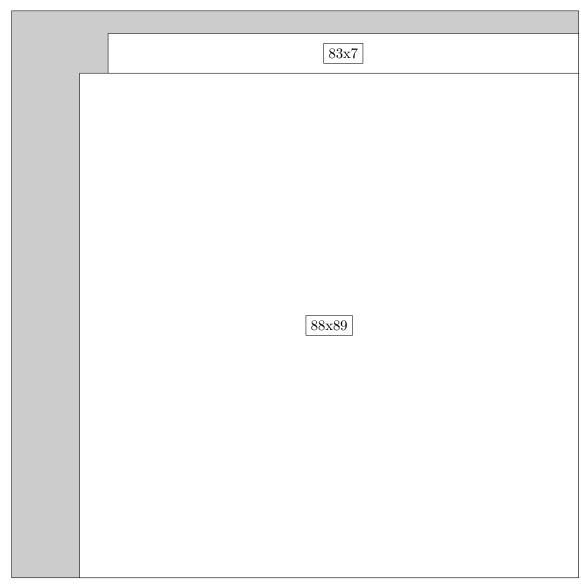
$$\begin{array}{l} w = \! 35 \ , \ h = \! 98 \ , \ x = \! 65 \ , \ y = \! 0 \ , \ v = \! 3430 \\ w = \! 63 \ , \ h = \! 96 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 6048 \end{array}$$



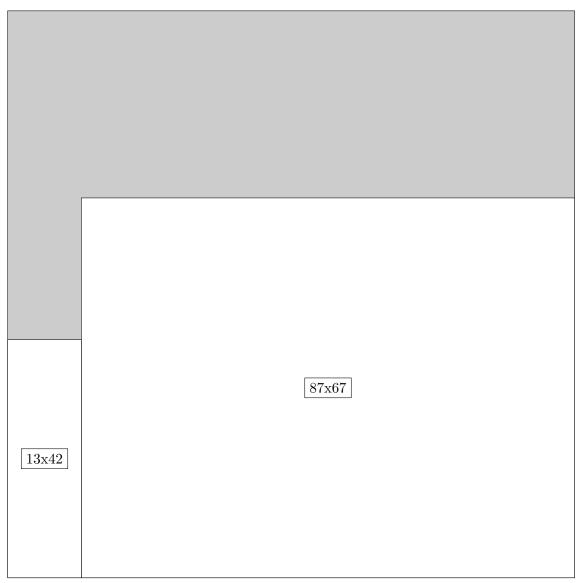
$$\begin{array}{l} w = 98 \; , \; h = \! 4 \; , \; x = \! 2 \; , \; y = \! 0 \; , \; v = \! 392 \\ w = \! 94 \; , \; h = \! 96 \; , \; x = \! 6 \; , \; y = \! 4 \; , \; v = \! 9024 \end{array}$$



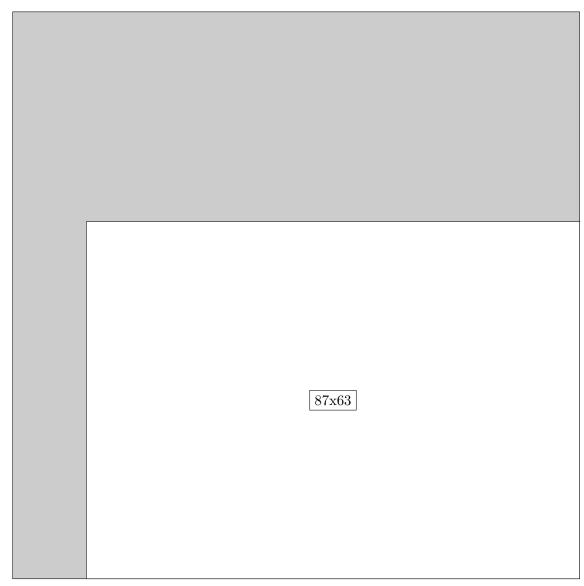
 $\le =59$  , h =76 , x =41 , y =0 , v =4484



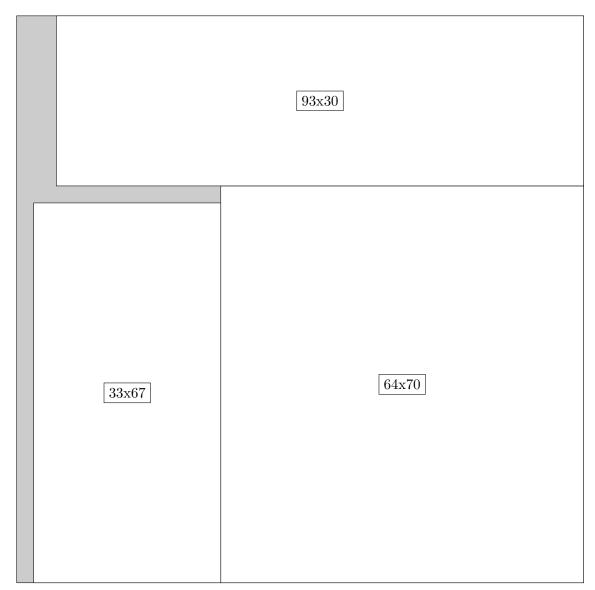
$$\begin{array}{l} w = \! 88 \; , \; h = \! 89 \; , \; x = \! 12 \; , \; y = \! 0 \; , \; v = \! 7832 \\ w = \! 83 \; , \; h = \! 7 \; , \; x = \! 17 \; , \; y = \! 89 \; , \; v = \! 581 \end{array}$$



$$\begin{array}{l} w = \! 87 \; , \; h = \! 67 \; , \; x = \! 13 \; , \; y = \! 0 \; , \; v = \! 5829 \\ w = \! 13 \; , \; h = \! 42 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 546 \end{array}$$



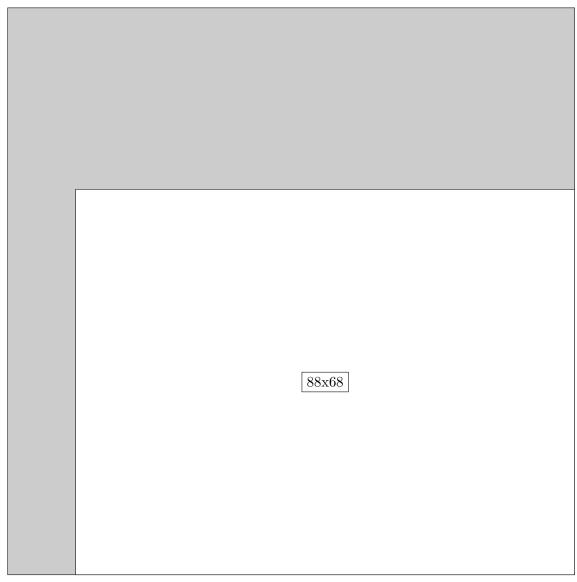
 $\le =87$  , h =63 , x =13 , y =0 , v =5481



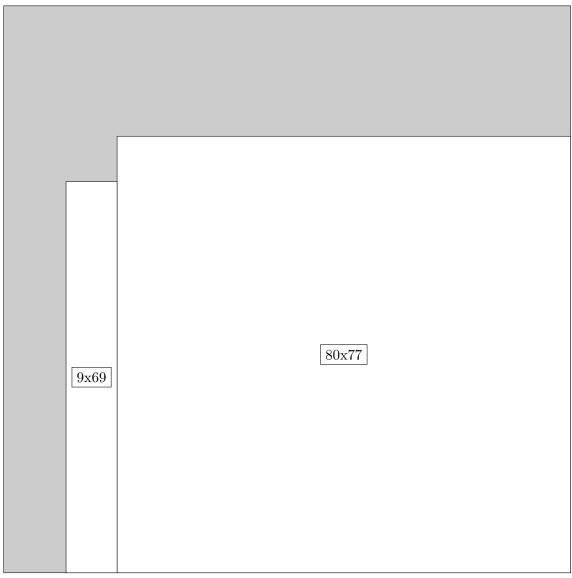
$$w = 64$$
,  $h = 70$ ,  $x = 36$ ,  $y = 0$ ,  $v = 4480$ 

$$\le =33$$
 , h =67 , x =3 , y =0 , v =2211

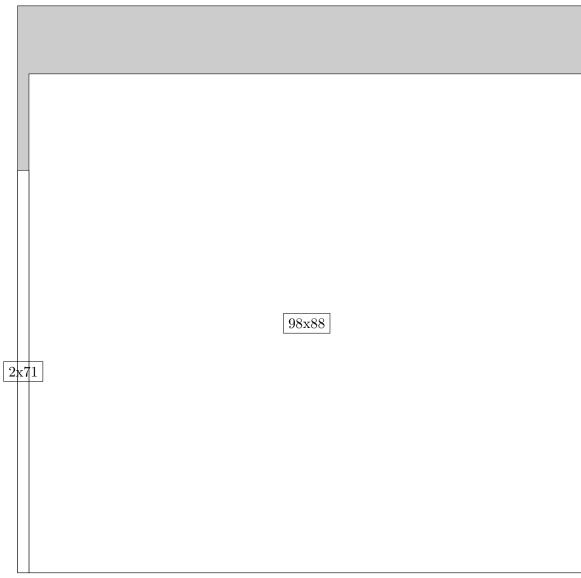
$$\le =93$$
 , h =30 , x =7 , y =70 , v =2790



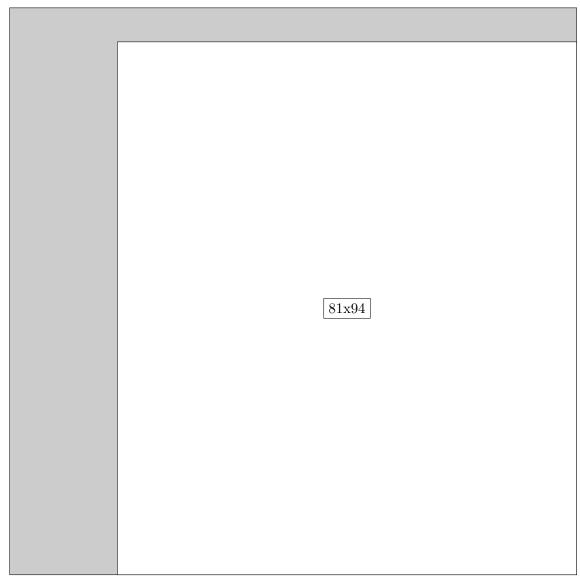
 $\le =88$  , h =68 , x =12 , y =0 , v =5984



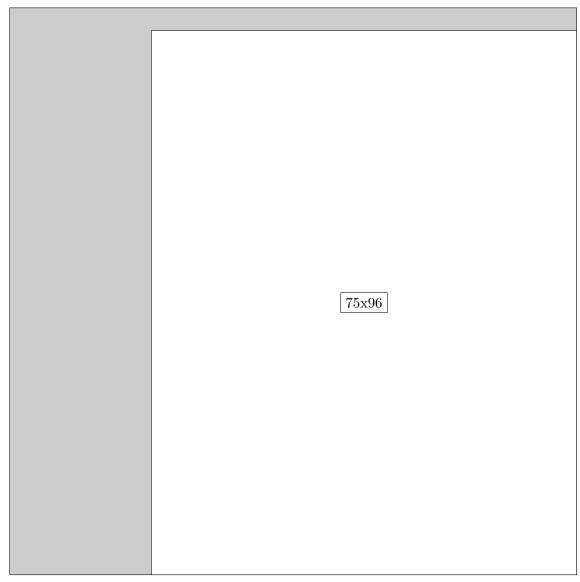
w =80 , h =77 , x =20 , y =0 , v =6160 w =9 , h =69 , x =11 , y =0 , v =621



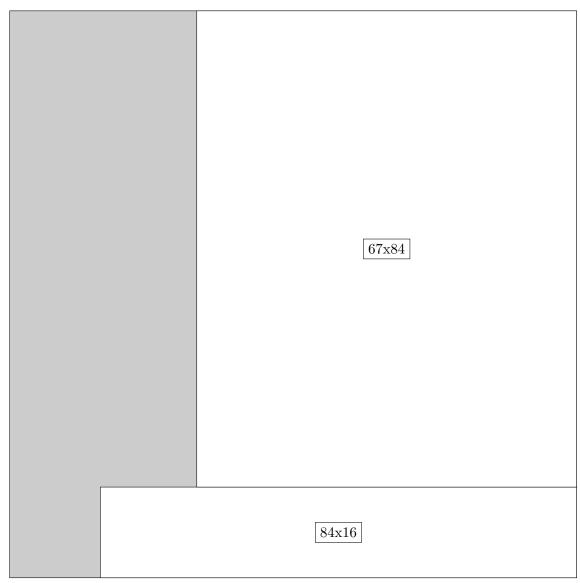
 $\begin{array}{c} w = 98 \; , \; h = 88 \; , \; x = 2 \; , \; y = 0 \; , \; v = 8624 \\ w = 2 \; , \; h = 71 \; , \; x = 0 \; , \; y = 0 \; , \; v = 142 \end{array}$ 



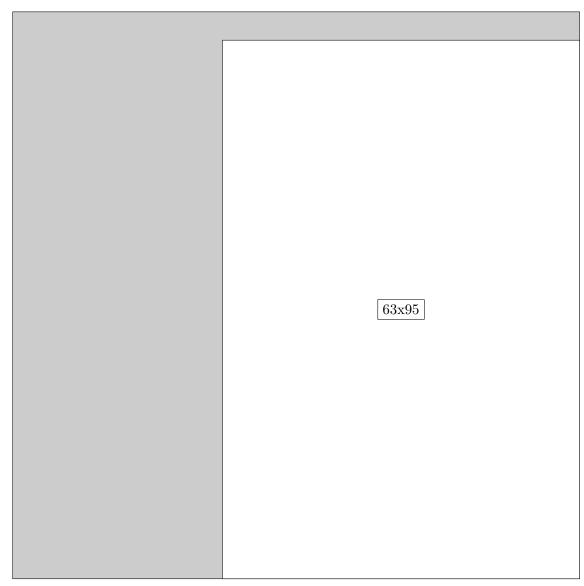
 $\le =81$  , h =94 , x =19 , y =0 , v =7614



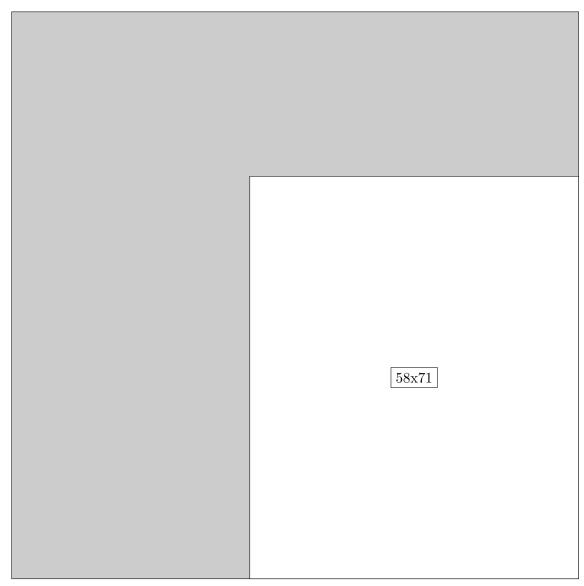
 $\le =75$  , h =96 , x =25 , y =0 , v =7200



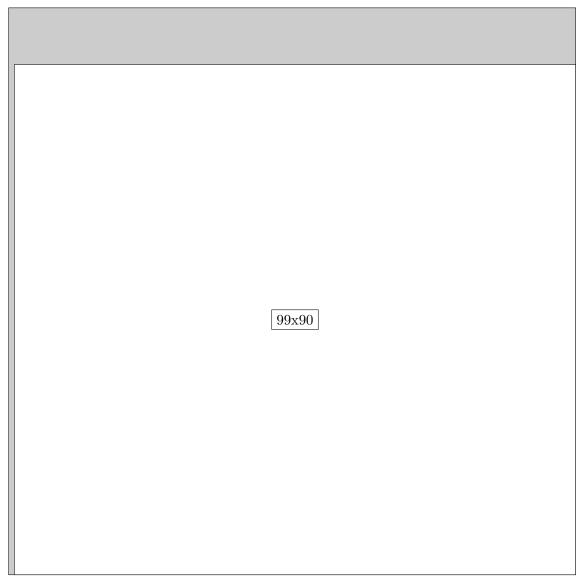
$$\begin{array}{l} w = \! 84 \; , \; h = \! 16 \; , \; x = \! 16 \; , \; y = \! 0 \; , \; v = \! 1344 \\ w = \! 67 \; , \; h = \! 84 \; , \; x = \! 33 \; , \; y = \! 16 \; , \; v = \! 5628 \end{array}$$



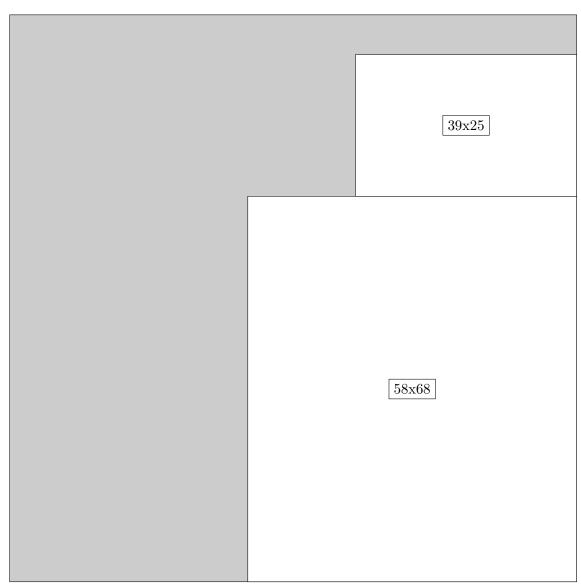
 $\le =63$  , h =95 , x =37 , y =0 , v =5985



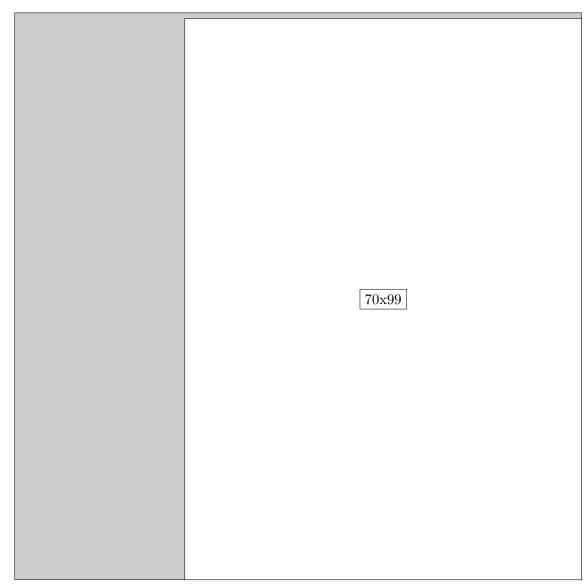
 $\le 58$  , h =71 , x =42 , y =0 , v =4118



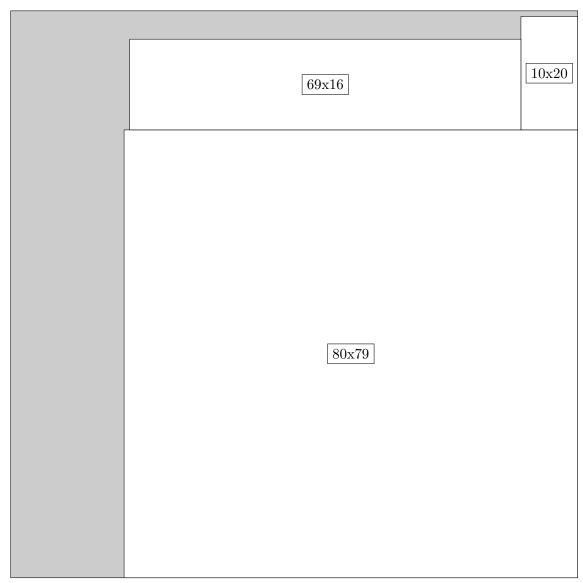
 $\le =99$  , h =90 , x =1 , y =0 , v =8910



$$\begin{array}{l} w = \! 58 \ , \ h = \! 68 \ , \ x = \! 42 \ , \ y = \! 0 \ , \ v = \! 3944 \\ w = \! 39 \ , \ h = \! 25 \ , \ x = \! 61 \ , \ y = \! 68 \ , \ v = \! 975 \end{array}$$



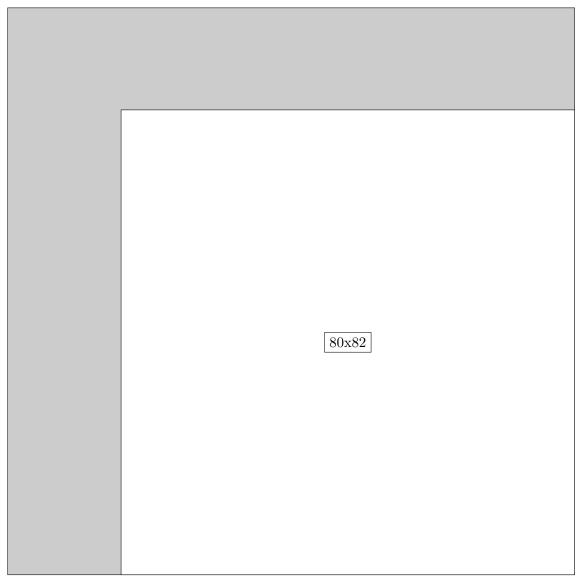
 $\le =70$  , h =99 , x =30 , y =0 , v =6930



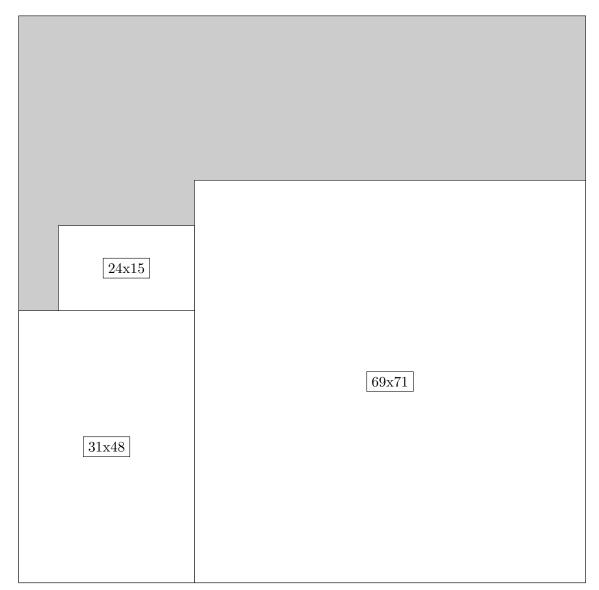
$$\le =80$$
 ,  $h=79$  ,  $x=20$  ,  $y=0$  ,  $v=6320$ 

$$\le =10$$
 ,  $h$  =20 ,  $x$  =90 ,  $y$  =79 ,  $v$  =200

$$\le =69$$
 , h =16 , x =21 , y =79 , v =1104



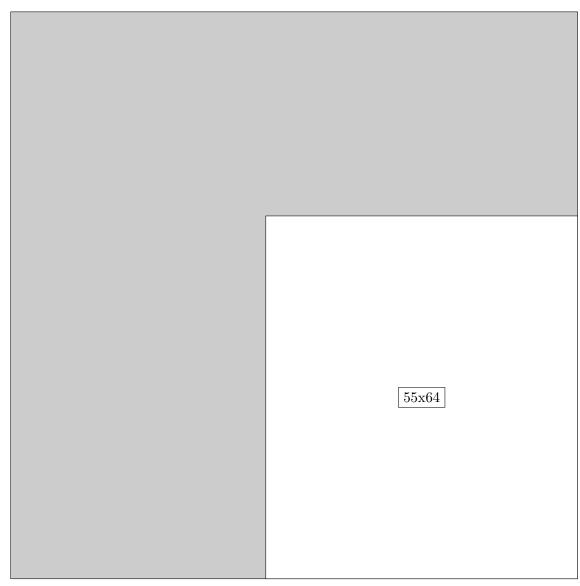
 $\le =80$  , h =82 , x =20 , y =0 , v =6560



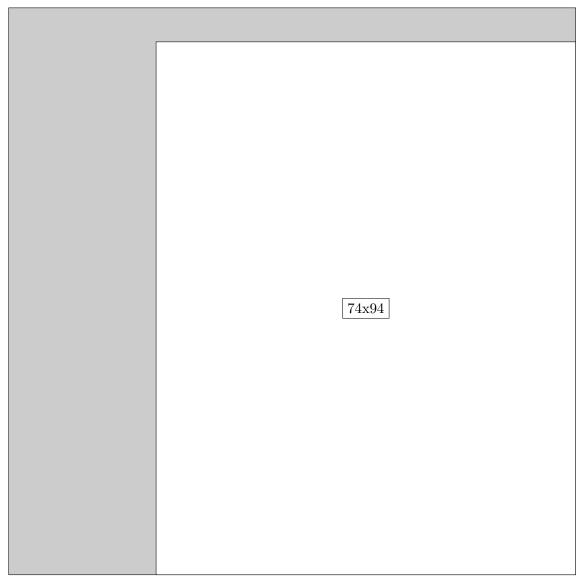
$$w = 69$$
,  $h = 71$ ,  $x = 31$ ,  $y = 0$ ,  $v = 4899$ 

$$\mathbf{w}$$
 =31 , h =48 , x =0 , y =0 , v =1488

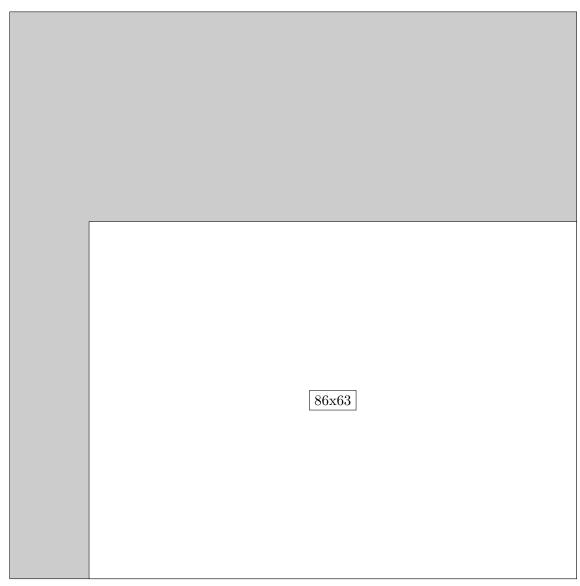
$$\le =24$$
 , h =15 , x =7 , y =48 , v =360



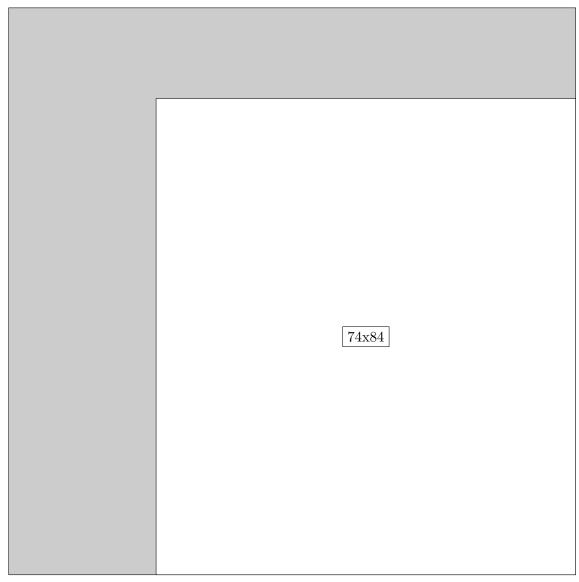
 $\le =55$  , h=64 , x=45 , y=0 , v=3520



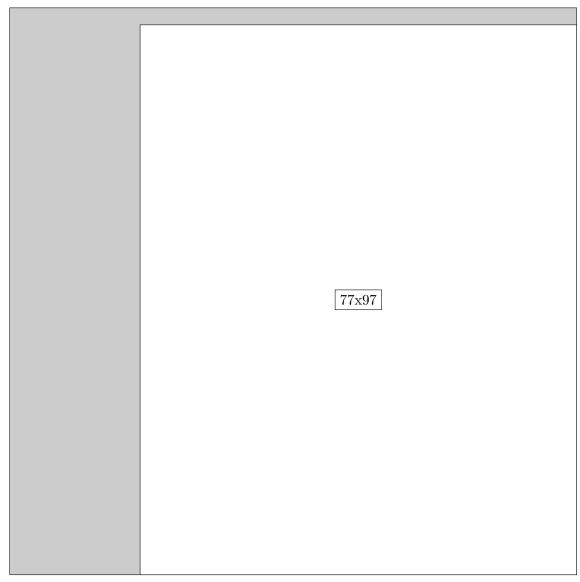
 $\le =74$  , h =94 , x =26 , y =0 , v =6956



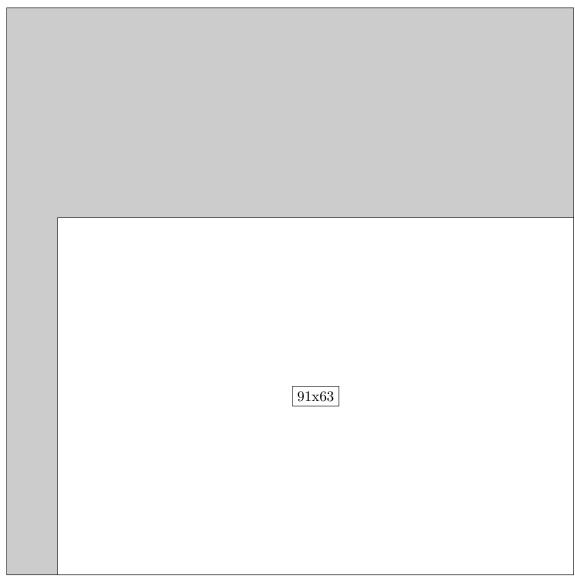
 $\le =86$  , h =63 , x =14 , y =0 , v =5418



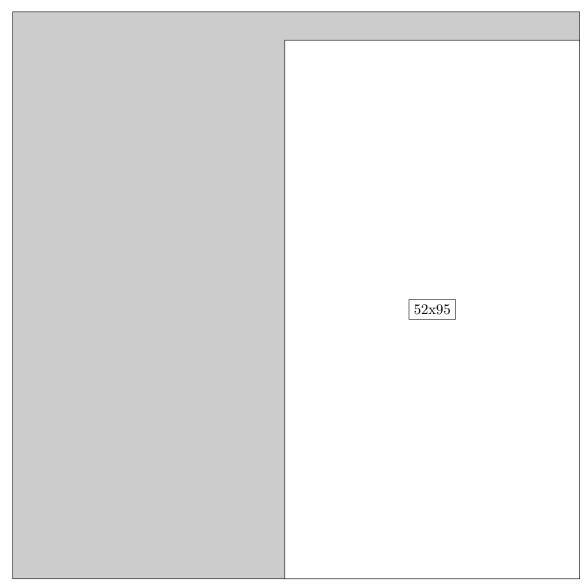
 $\le =74$  , h =84 , x =26 , y =0 , v =6216



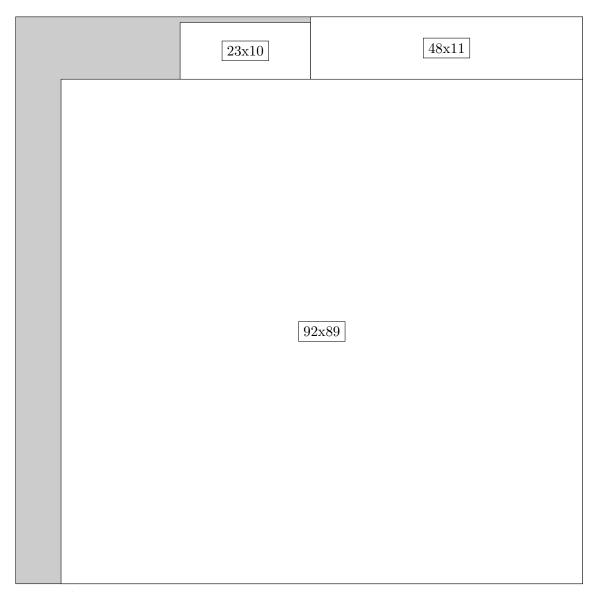
 $\le =77$  , h =97 , x =23 , y =0 , v =7469



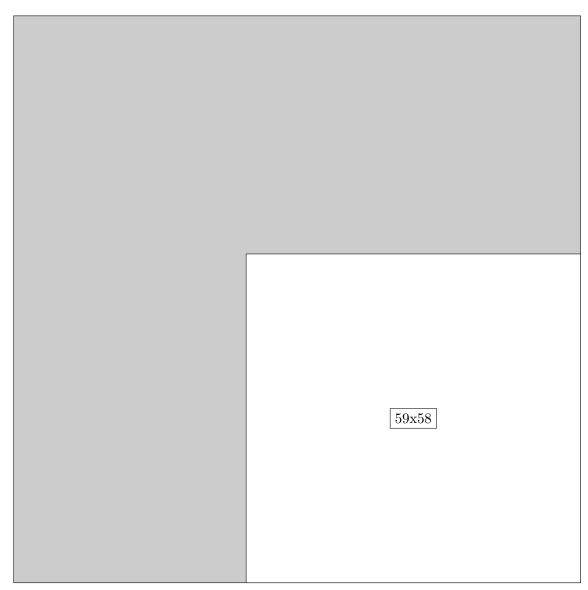
 $\le =91$  , h =63 , x =9 , y =0 , v =5733



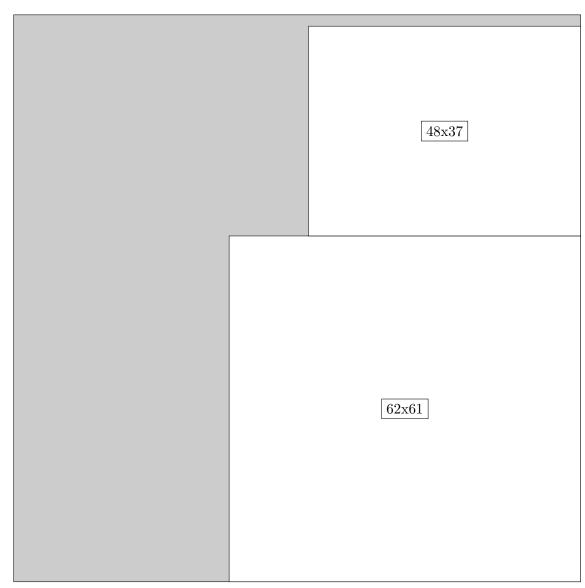
 $\le =52$  , h =95 , x =48 , y =0 , v =4940



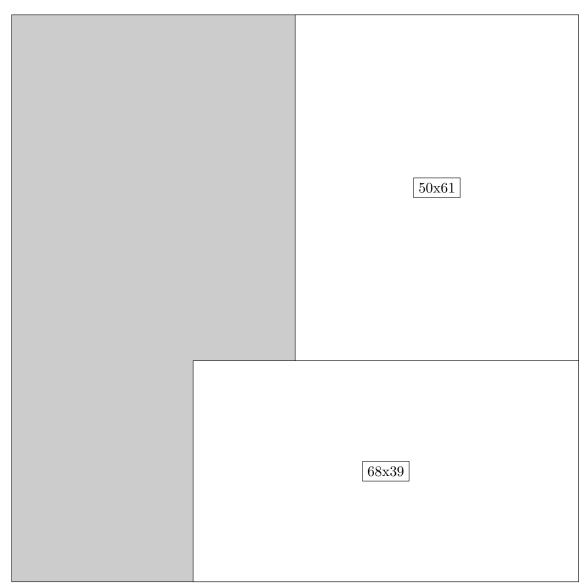
$$\begin{array}{l} w = 92 \ , \ h = 89 \ , \ x = 8 \ , \ y = 0 \ , \ v = 8188 \\ w = 48 \ , \ h = 11 \ , \ x = 52 \ , \ y = 89 \ , \ v = 528 \\ w = 23 \ , \ h = 10 \ , \ x = 29 \ , \ y = 89 \ , \ v = 230 \end{array}$$



 $\le =59$  , h =58 , x =41 , y =0 , v =3422



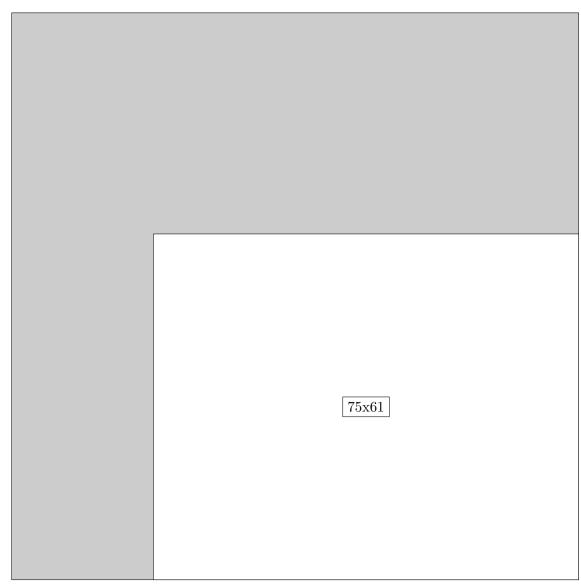
$$\begin{array}{l} w = \!\!62 \; , \; h = \!\!61 \; , \; x = \!\!38 \; , \; y = \!\!0 \; , \; v = \!\!3782 \\ w = \!\!48 \; , \; h = \!\!37 \; , \; x = \!\!52 \; , \; y = \!\!61 \; , \; v = \!\!1776 \end{array}$$



$$\begin{array}{l} w = \!68 \ , \, h = \!39 \ , \, x = \!32 \ , \, y = \!0 \ , \, v = \!2652 \\ w = \!50 \ , \, h = \!61 \ , \, x = \!50 \ , \, y = \!39 \ , \, v = \!3050 \end{array}$$



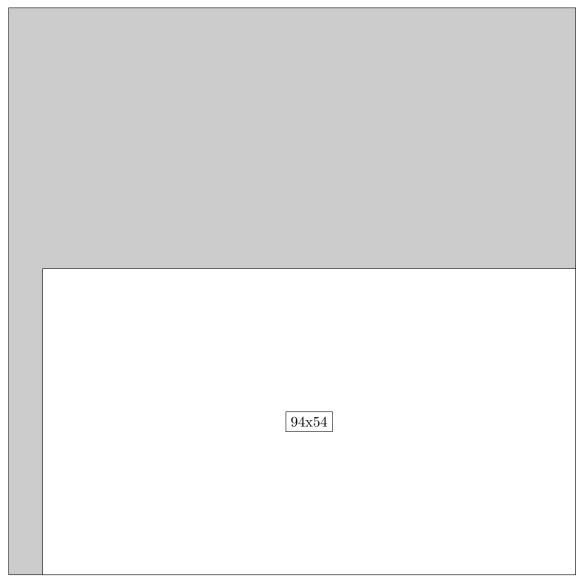
$$\begin{array}{l} w = \! 93 \ , \ h = \! 47 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 4371 \\ w = \! 83 \ , \ h = \! 53 \ , \ x = \! 17 \ , \ y = \! 47 \ , \ v = \! 4399 \end{array}$$



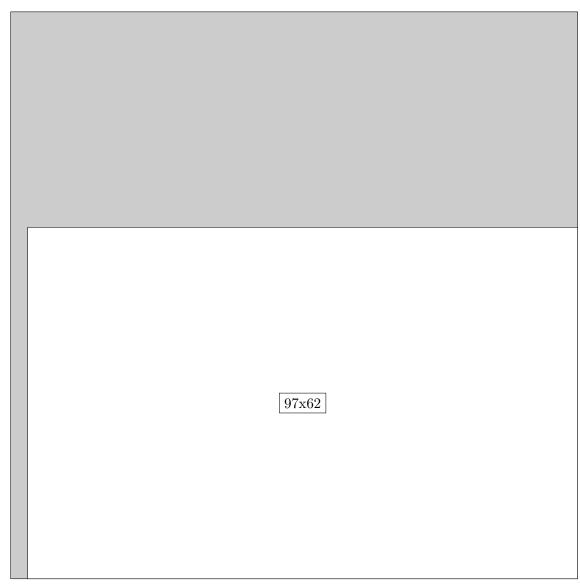
 $\le =75$  , h =61 , x =25 , y =0 , v =4575



$$\begin{array}{l} w = \! 82 \ , \, h = \! 59 \ , \, x = \! 18 \ , \, y = \! 0 \ , \, v = \! 4838 \\ w = \! 80 \ , \, h = \! 36 \ , \, x = \! 20 \ , \, y = \! 59 \ , \, v = \! 2880 \end{array}$$



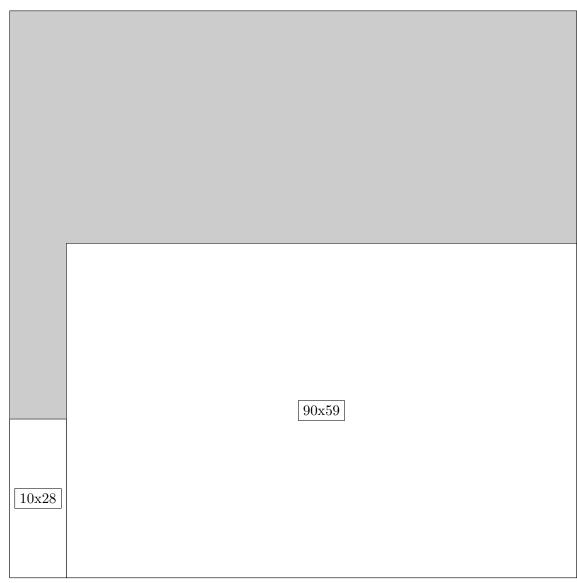
 $\le =94$  , h=54 , x=6 , y=0 , v=5076



 $\le =97$  , h=62 , x=3 , y=0 , v=6014



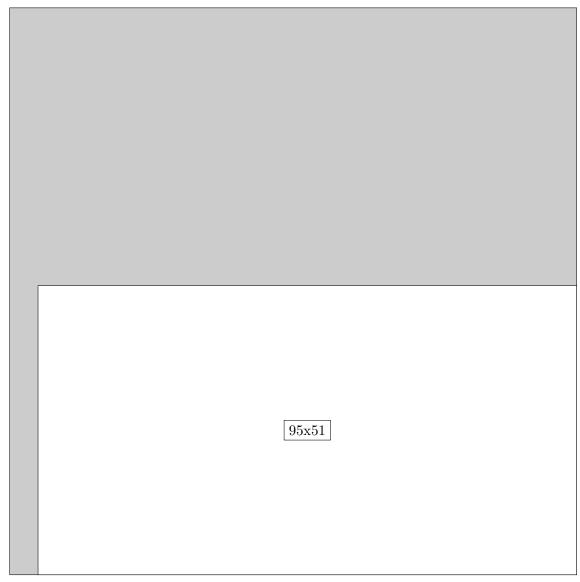
$$\begin{array}{c} w = \! 89 \; , \; h = \! 56 \; , \; x = \! 11 \; , \; y = \! 0 \; , \; v = \! 4984 \\ w = \! 87 \; , \; h = \! 40 \; , \; x = \! 13 \; , \; y = \! 56 \; , \; v = \! 3480 \\ \end{array}$$



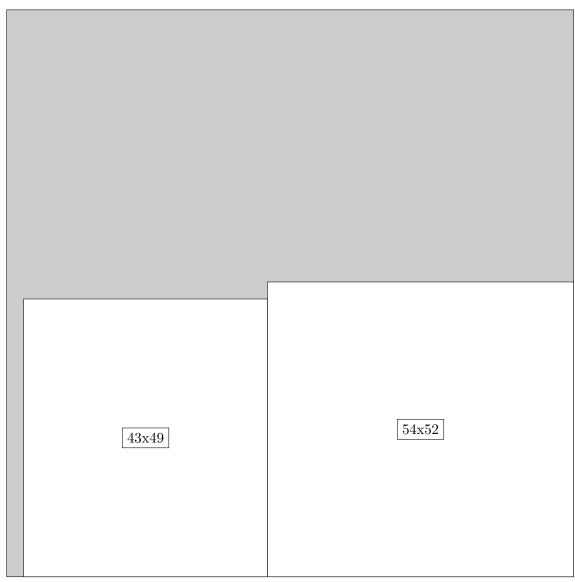
$$\begin{array}{l} w = \! 90 \ , \ h = \! 59 \ , \ x = \! 10 \ , \ y = \! 0 \ , \ v = \! 5310 \\ w = \! 10 \ , \ h = \! 28 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 280 \end{array}$$



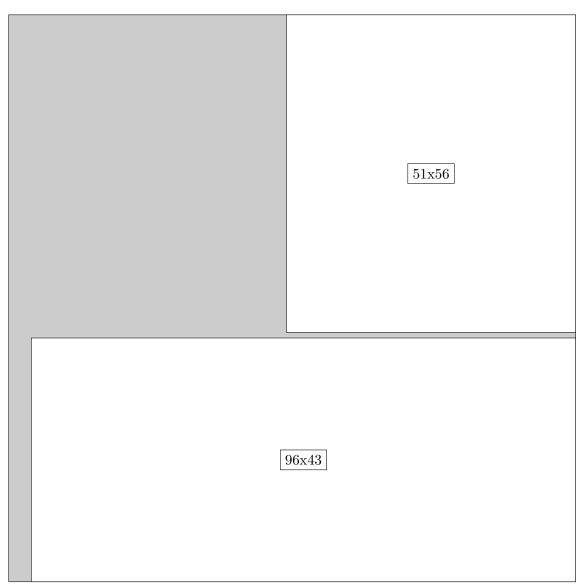
$$\begin{array}{l} w = \! 93 \; , \; h = \! 50 \; , \; x = \! 7 \; , \; y = \! 0 \; , \; v = \! 4650 \\ w = \! 70 \; , \; h = \! 50 \; , \; x = \! 30 \; , \; y = \! 50 \; , \; v = \! 3500 \end{array}$$



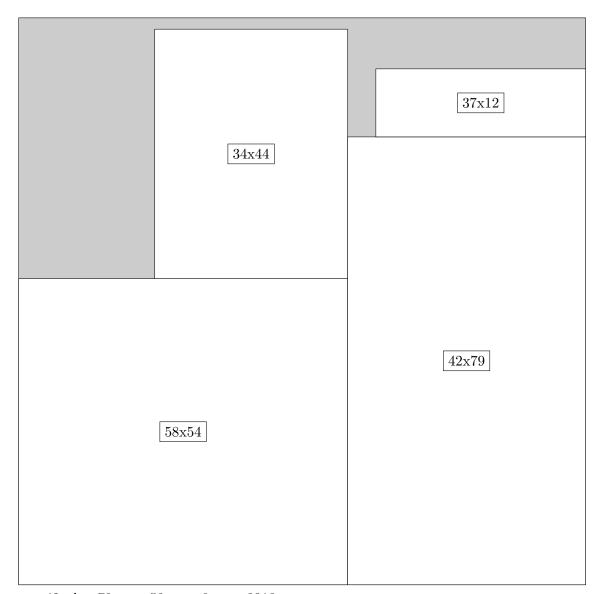
 $\le =95$  , h =51 , x =5 , y =0 , v =4845



$$\begin{array}{l} w = \! 54 \ , \ h = \! 52 \ , \ x = \! 46 \ , \ y = \! 0 \ , \ v = \! 2808 \\ w = \! 43 \ , \ h = \! 49 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 2107 \end{array}$$



$$\begin{array}{l} w = \! 96 \; , \; h = \! 43 \; , \; x = \! 4 \; , \; y = \! 0 \; , \; v = \! 4128 \\ w = \! 51 \; , \; h = \! 56 \; , \; x = \! 49 \; , \; y = \! 44 \; , \; v = \! 2856 \end{array}$$



$$\le =42$$
 , h =79 , x =58 , y =0 , v =3318

$$\le =37$$
 , h =12 , x =63 , y =79 , v =444

$$\le =58$$
 , h =54 , x =0 , y =0 , v =3132

$$\le 34$$
 , h =  
44 , x =  
24 , y =  
54 , v =  
1496