$ClassName: \ Class\_09.2bp-36$ 

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

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>590000</u> InS: <u>384942</u> Rate: <u>0.652</u> UB: <u>59</u> LB0: <u>59</u>

LBWithCut:  $\underline{\mathbf{59}}$ NodeCut:  $\underline{\mathbf{0}}$ 

LB: **59** 

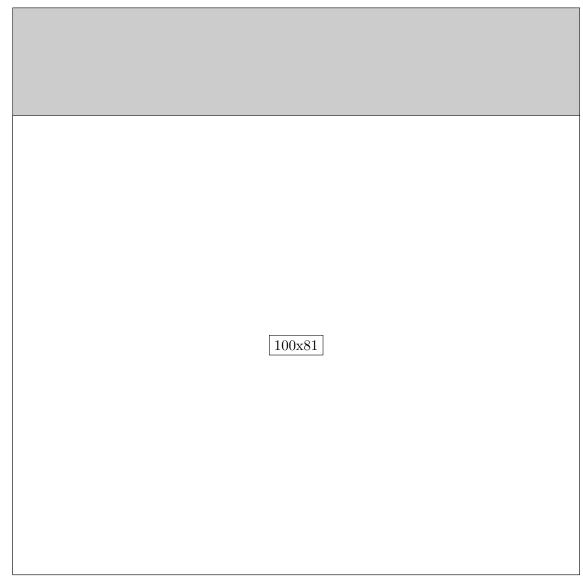
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{59}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

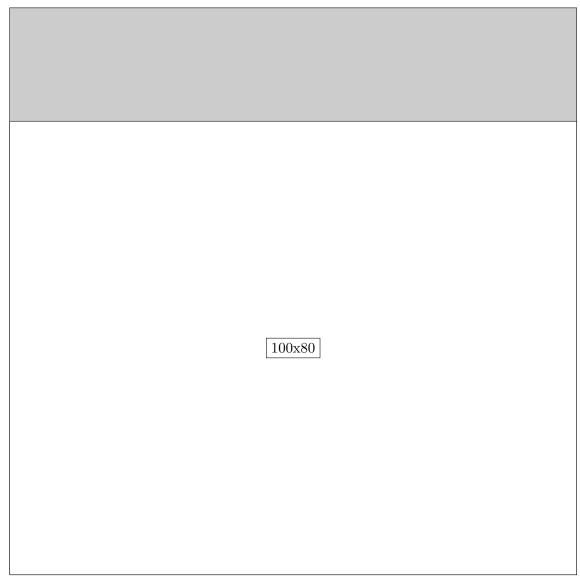
isOpt:  $\underline{\mathbf{true}}$ 

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 600.312 s

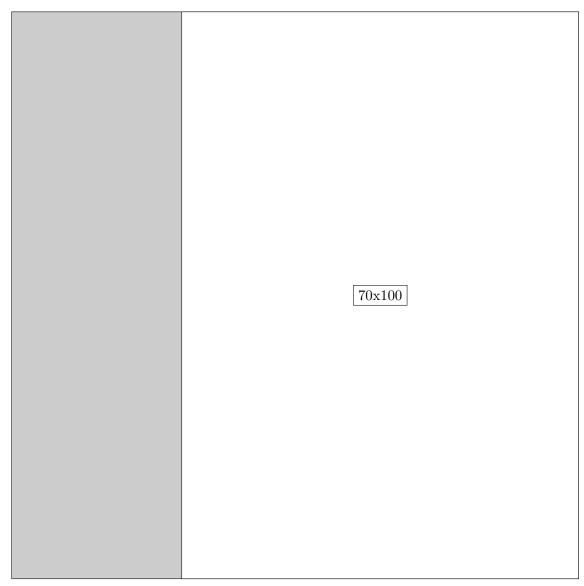


 $\le =100$  , h =81 , x =0 , y =0 , v =8100

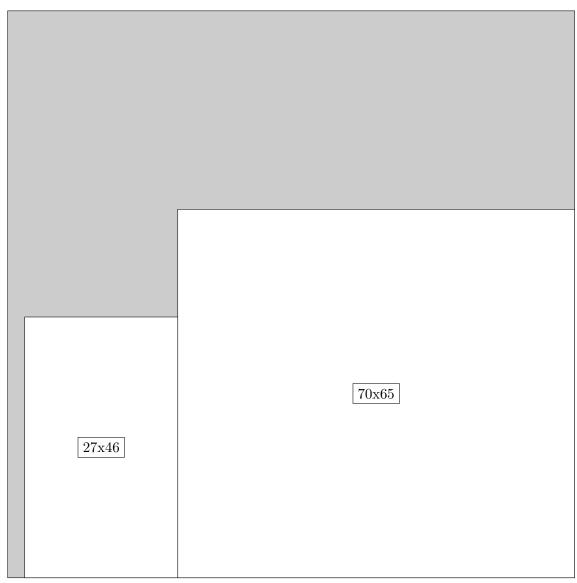


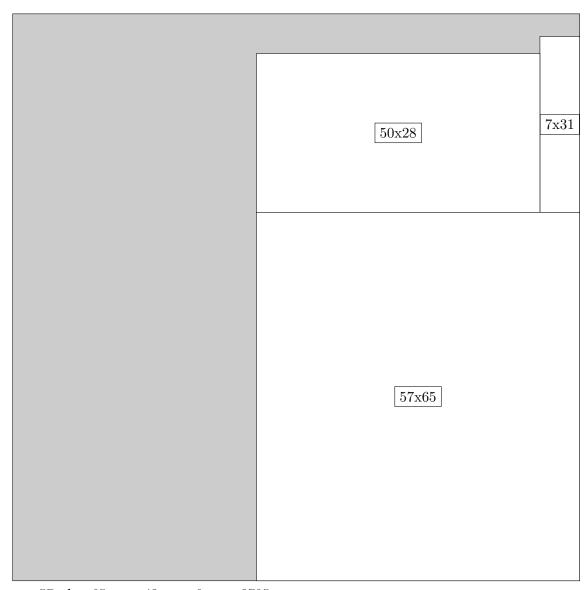
 $\le =100$  , h = 80 , x =0 , y =0 , v = 8000



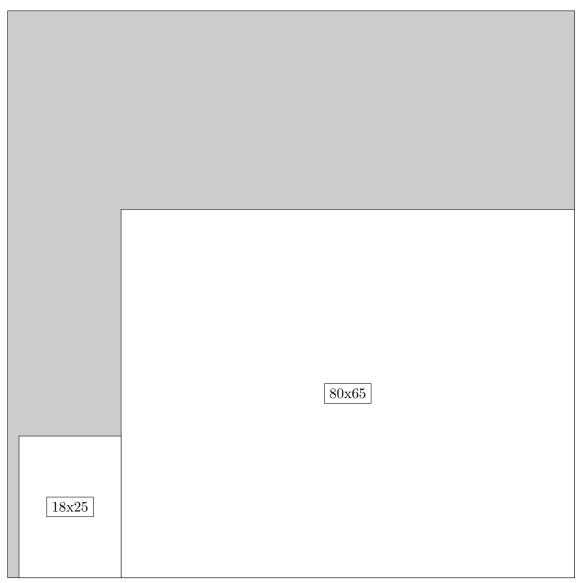


 $\mathbf{w}$  =70 ,  $\mathbf{h}$  =100 ,  $\mathbf{x}$  =30 ,  $\mathbf{y}$  =0 ,  $\mathbf{v}$  =7000

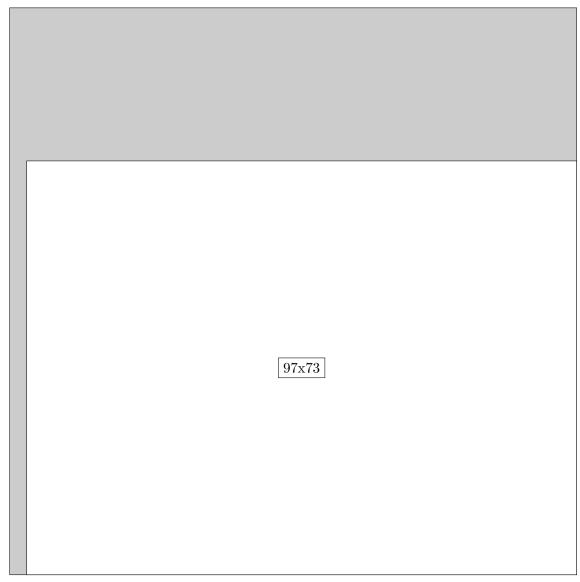




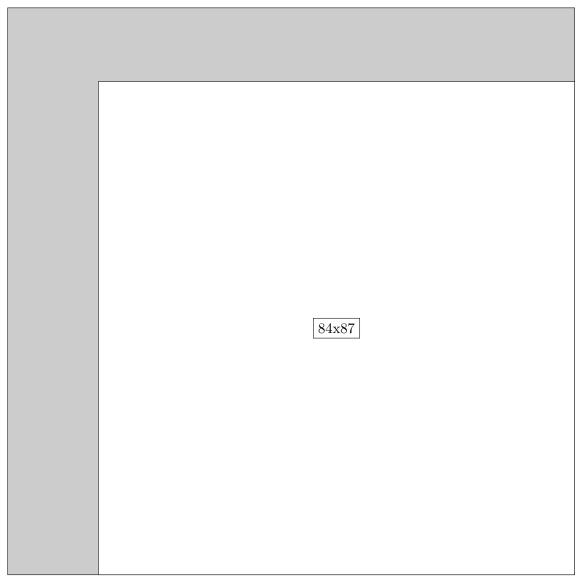
$$\begin{array}{l} w = \!\!57 \;,\; h = \!\!65 \;,\; x = \!\!43 \;,\; y = \!\!0 \;,\; v = \!\!3705 \\ w = \!\!7 \;,\; h = \!\!31 \;,\; x = \!\!93 \;,\; y = \!\!65 \;,\; v = \!\!217 \\ w = \!\!50 \;,\; h = \!\!28 \;,\; x = \!\!43 \;,\; y = \!\!65 \;,\; v = \!\!1400 \end{array}$$



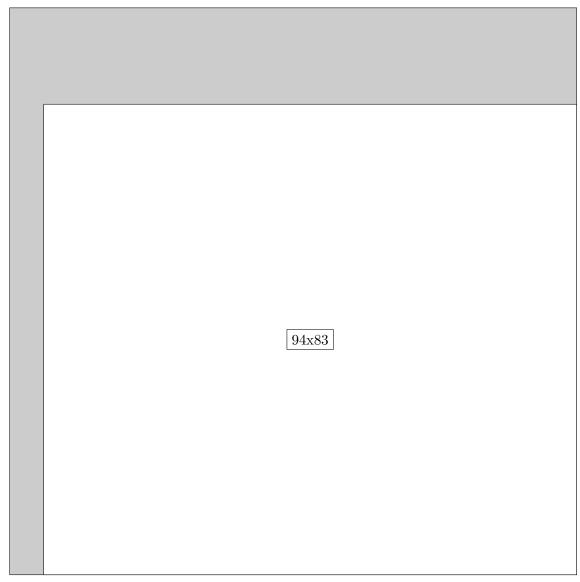
$$\begin{array}{l} w = \! 80 \ , \ h = \! 65 \ , \ x = \! 20 \ , \ y = \! 0 \ , \ v = \! 5200 \\ w = \! 18 \ , \ h = \! 25 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 450 \end{array}$$



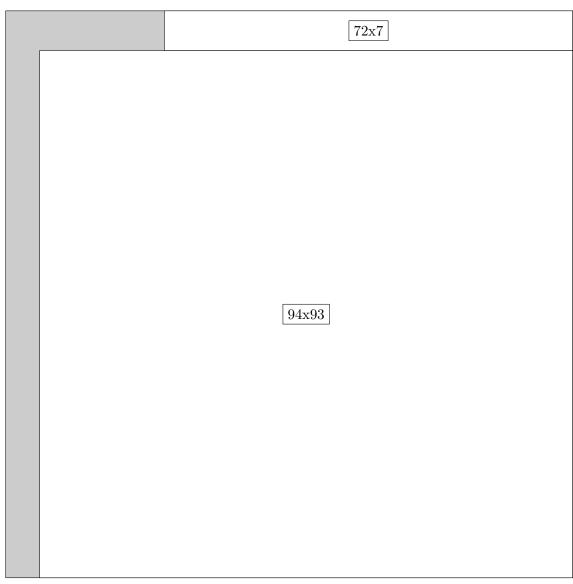
 $\le =97$  , h =73 , x =3 , y =0 , v =7081



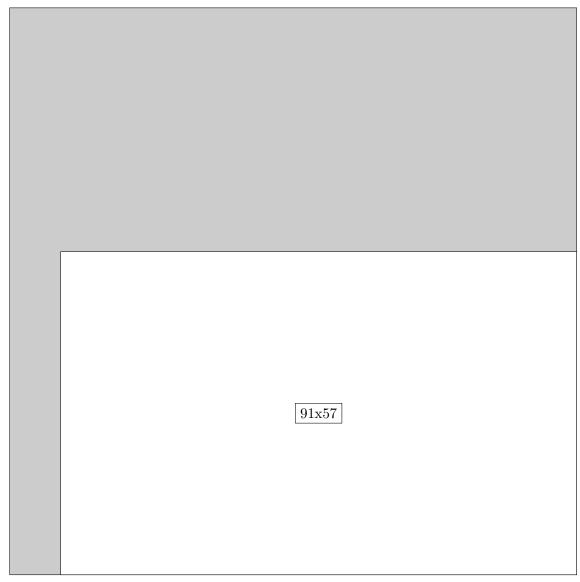
 $\le =84$  , h=87 , x=16 , y=0 , v=7308



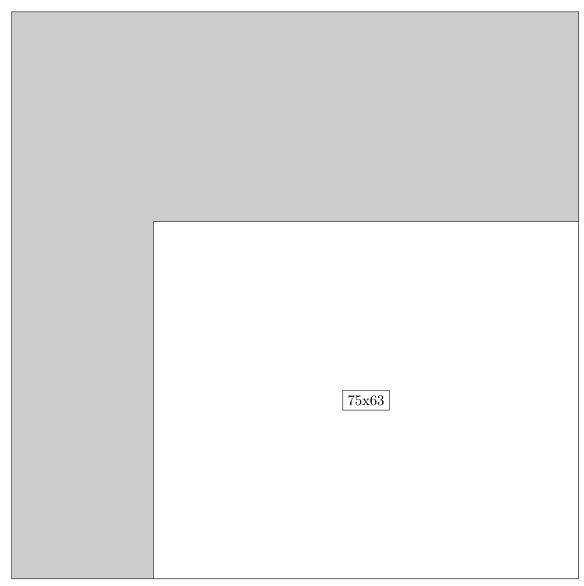
 $\le =94$  , h =83 , x =6 , y =0 , v =7802



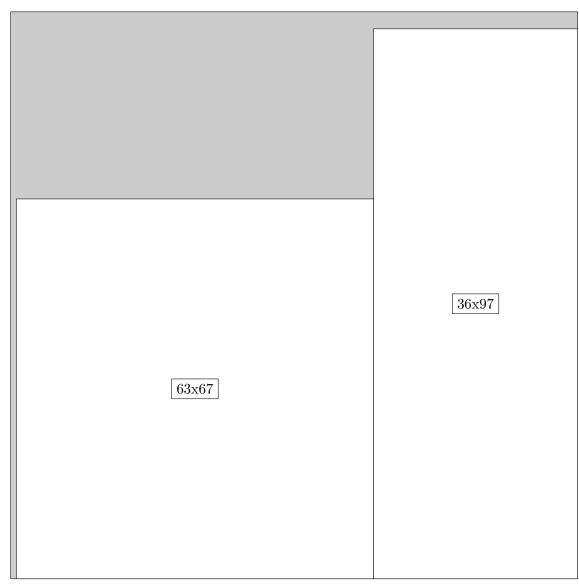
$$\begin{array}{l} w = 94 \; , \; h = 93 \; , \; x = 6 \; , \; y = 0 \; , \; v = 8742 \\ w = 72 \; , \; h = 7 \; , \; x = 28 \; , \; y = 93 \; , \; v = 504 \end{array}$$



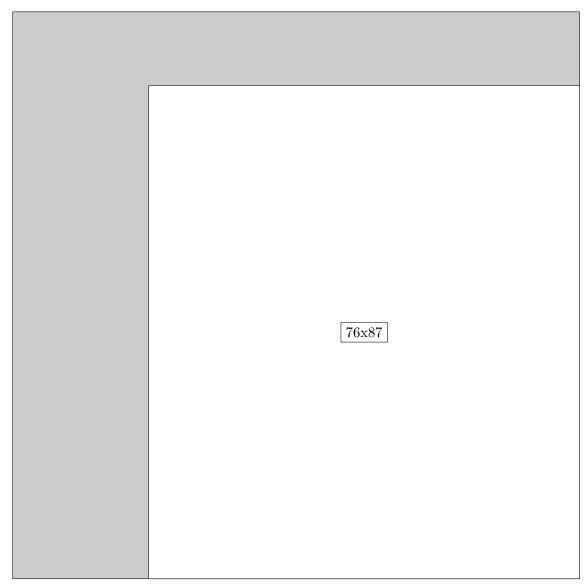
 $\le =91$  , h=57 , x=9 , y=0 , v=5187



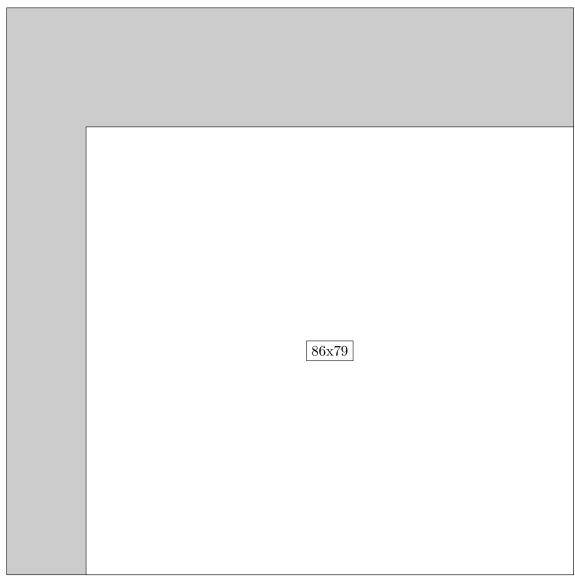
 $\le =75$  , h =63 , x =25 , y =0 , v =4725



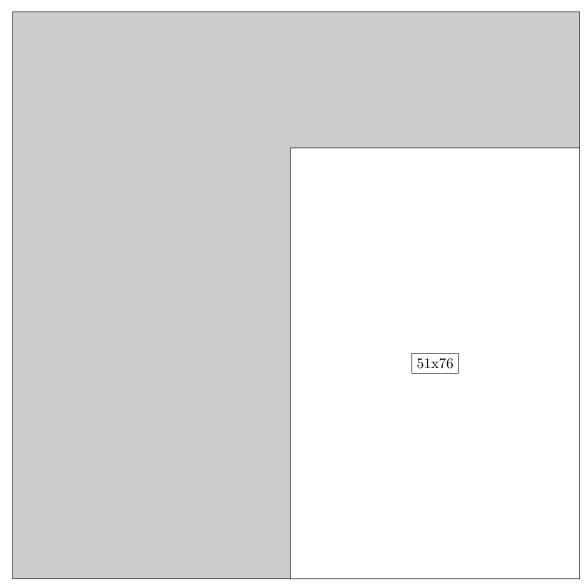
$$\begin{array}{l} w = \! 36 \ , \ h = \! 97 \ , \ x = \! 64 \ , \ y = \! 0 \ , \ v = \! 3492 \\ w = \! 63 \ , \ h = \! 67 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 4221 \end{array}$$



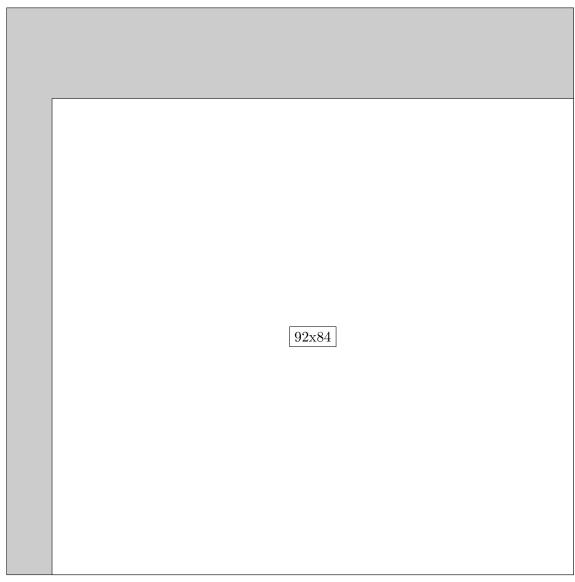
 $\le =76$  , h =87 , x =24 , y =0 , v =6612



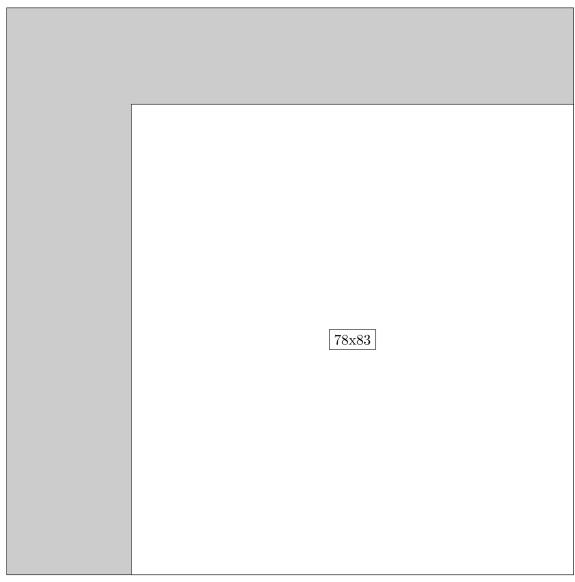
 $\le =86$  , h =79 , x =14 , y =0 , v =6794



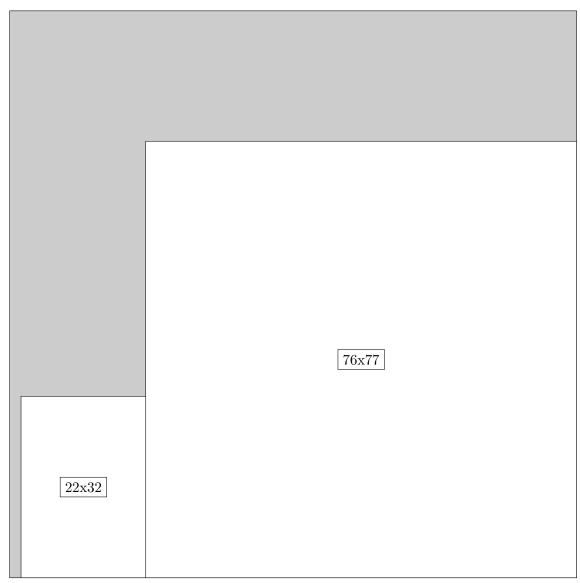
 $\le =51$  , h =76 , x =49 , y =0 , v =3876

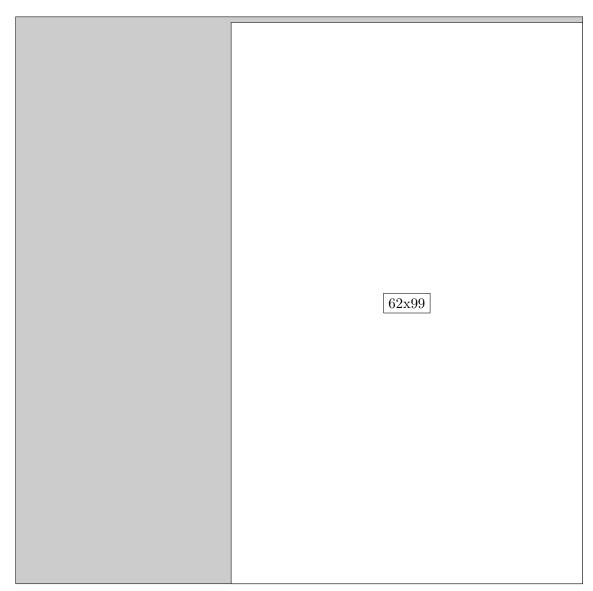


 $\le =92$  , h =84 , x =8 , y =0 , v =7728

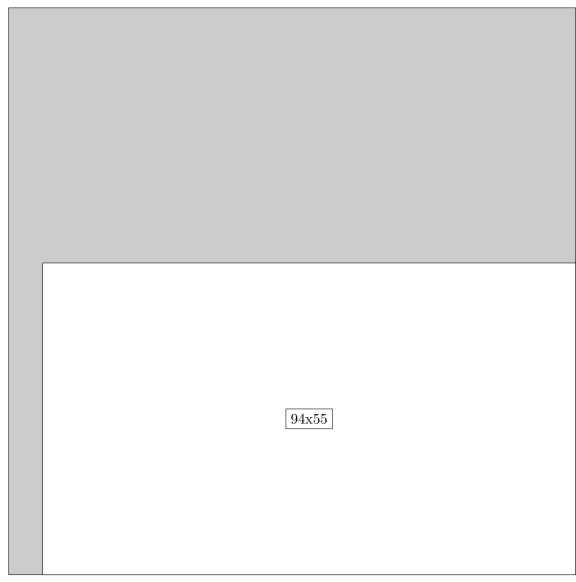


 $\le =78$  , h =83 , x =22 , y =0 , v =6474

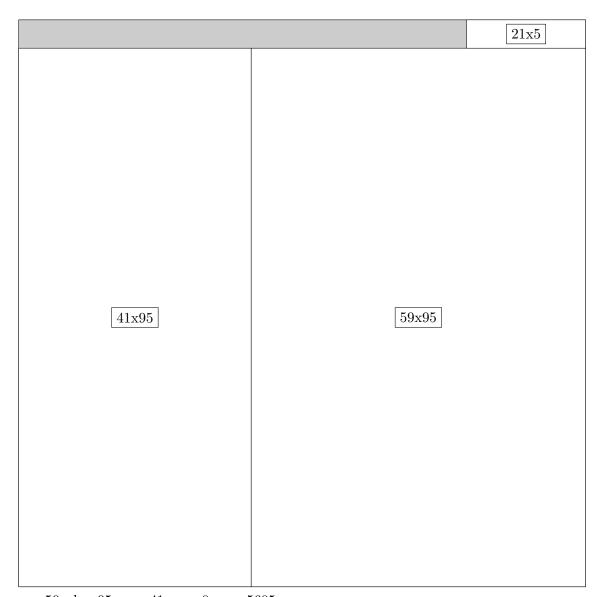




 $\le =62$  , h =99 , x =38 , y =0 , v =6138



 $\le =94$  , h =55 , x =6 , y =0 , v =5170



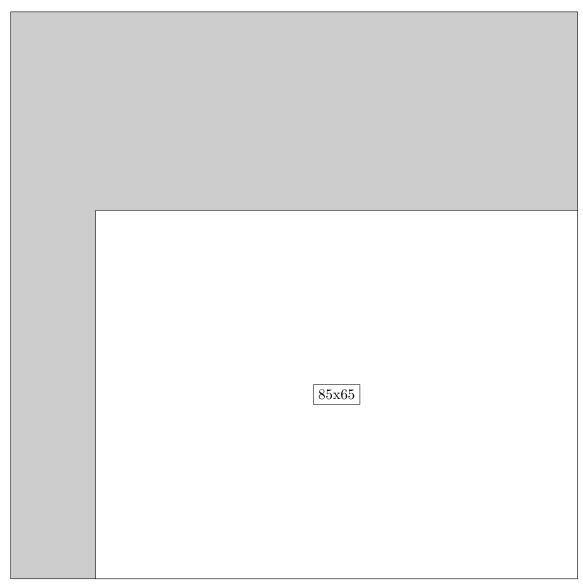
 $\le =59$  , h =95 , x =41 , y =0 , v = 5605

 $\le =21$  , h =5 , x =79 , y =95 , v =105

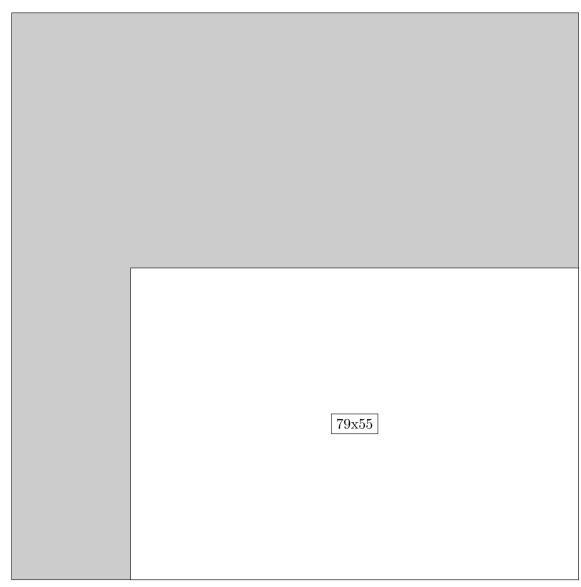
 $\mathbf{w}$  =41 , h =95 , x =0 , y =0 , v =3895



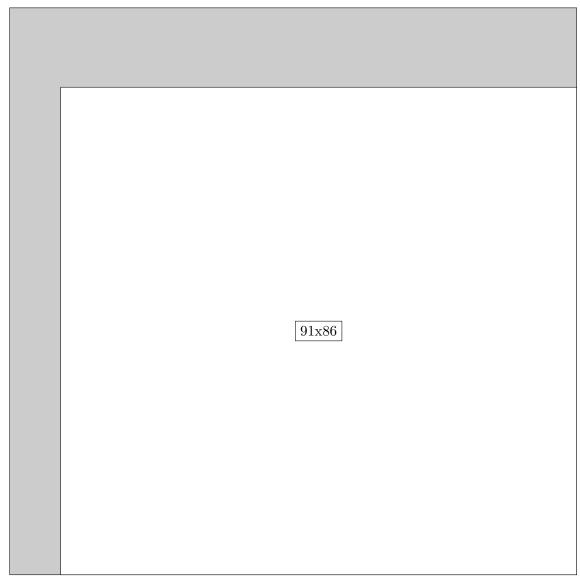
$$\begin{array}{l} w = \! 91 \; , \; h = \! 55 \; , \; x = \! 9 \; , \; y = \! 0 \; , \; v = \! 5005 \\ w = \! 80 \; , \; h = \! 38 \; , \; x = \! 20 \; , \; y = \! 55 \; , \; v = \! 3040 \\ \end{array}$$



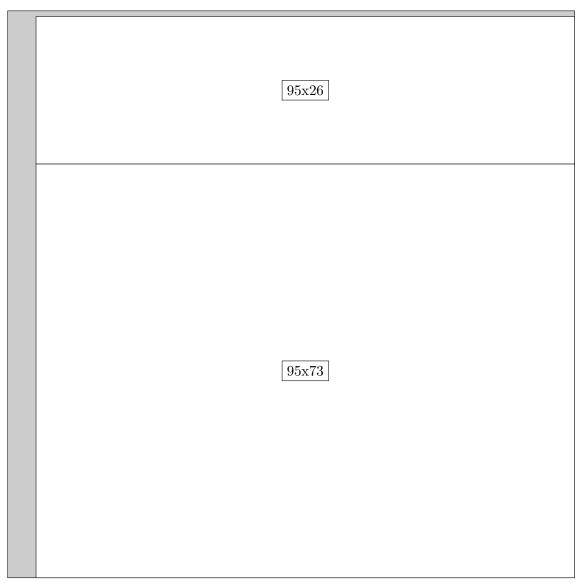
 $\le =85$  , h=65 , x=15 , y=0 , v=5525



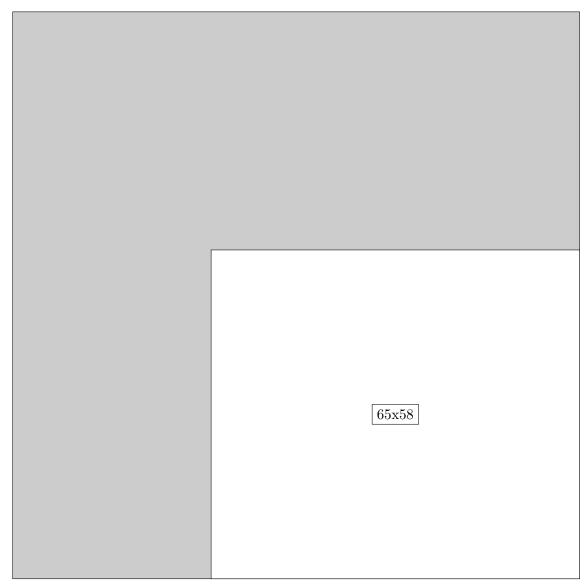
 $\le =79$  , h =55 , x =21 , y =0 , v =4345



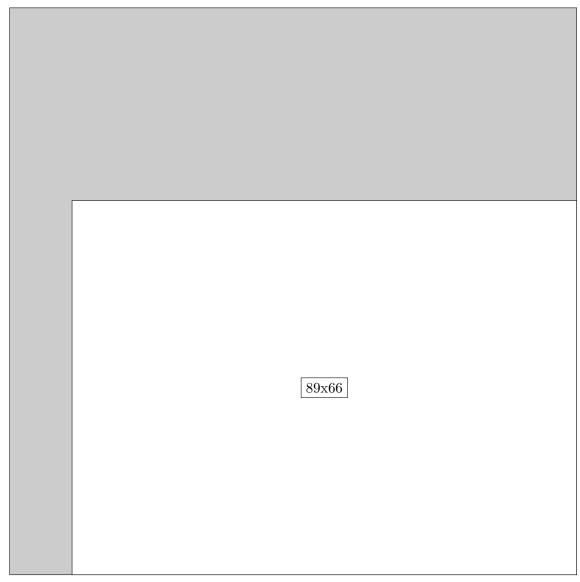
 $\le =91$  , h =86 , x =9 , y =0 , v =7826



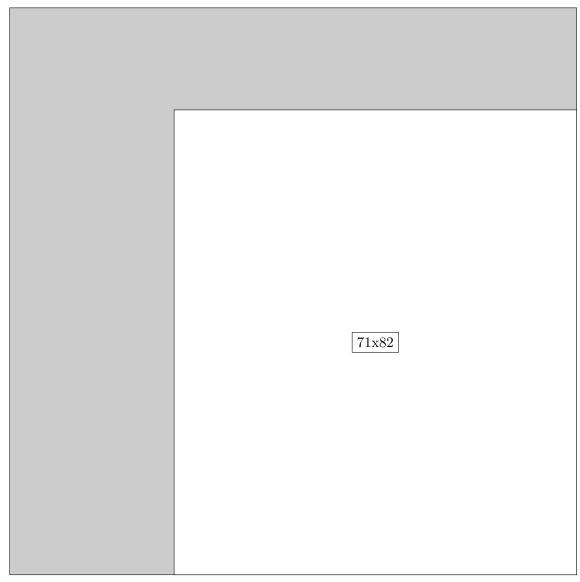
$$\begin{array}{l} w = \! 95 \ , \ h = \! 73 \ , \ x = \! 5 \ , \ y = \! 0 \ , \ v = \! 6935 \\ w = \! 95 \ , \ h = \! 26 \ , \ x = \! 5 \ , \ y = \! 73 \ , \ v = \! 2470 \end{array}$$



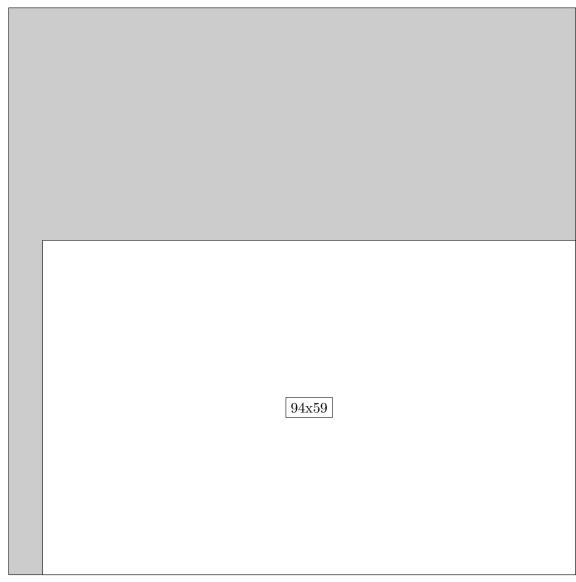
 $\le =65$  , h =58 , x =35 , y =0 , v =3770



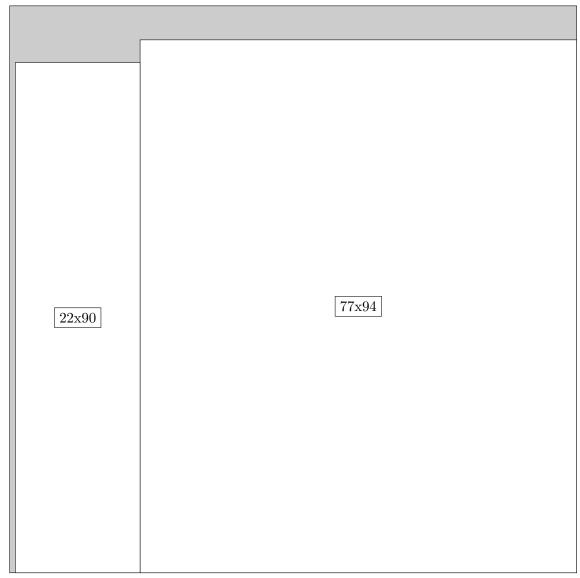
 $\le =89$  , h =66 , x =11 , y =0 , v =5874

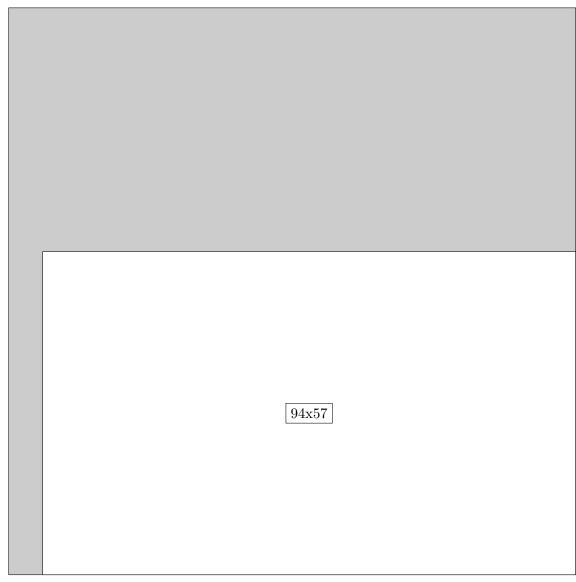


 $\le =71$  , h =82 , x =29 , y =0 , v =5822

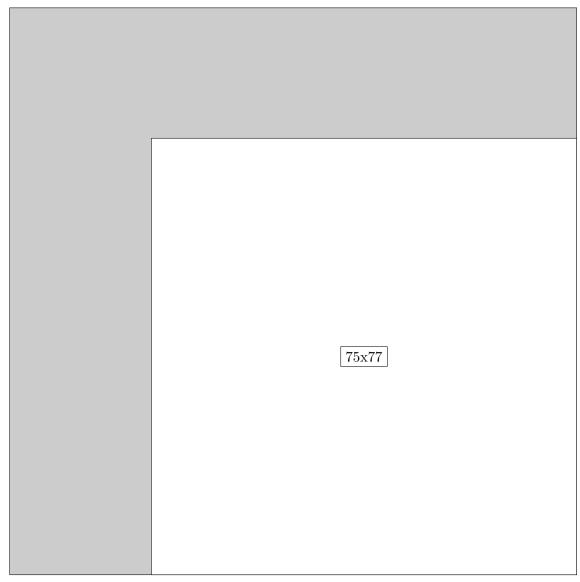


 $\le =94$  , h =59 , x =6 , y =0 , v =5546

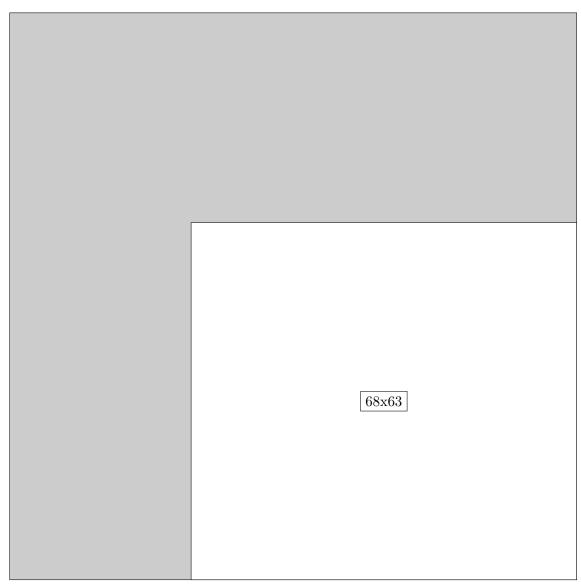




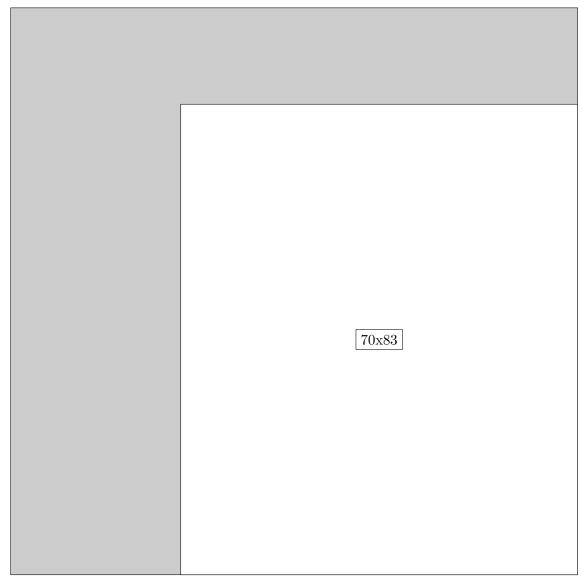
 $\le =94$  , h =57 , x =6 , y =0 , v =5358



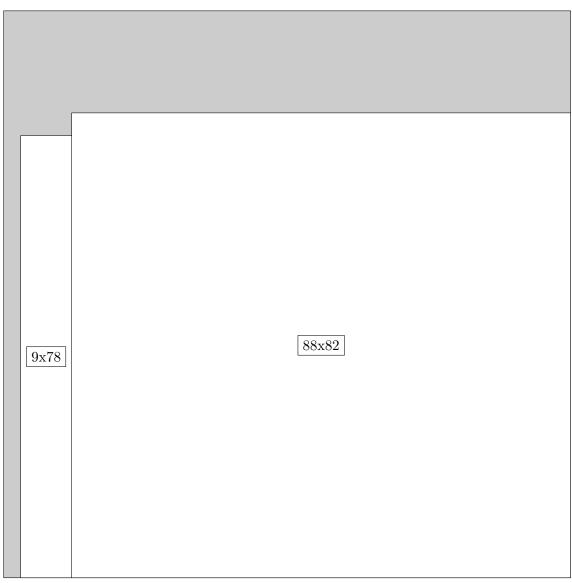
 $\le =75$  , h =77 , x =25 , y =0 , v =5775



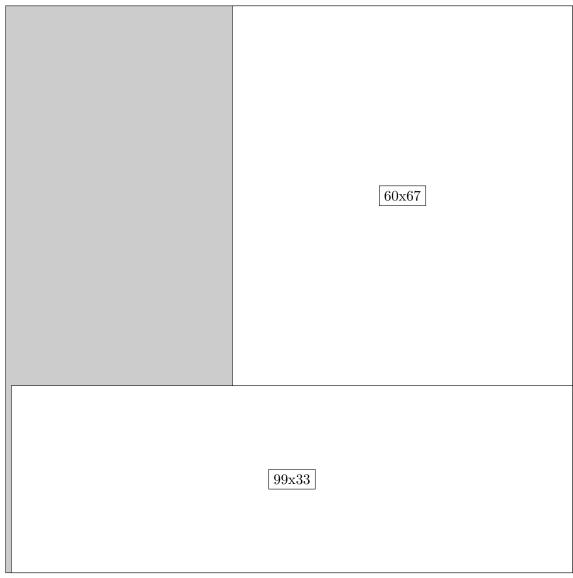
 $\le =68$  , h=63 , x=32 , y=0 , v=4284



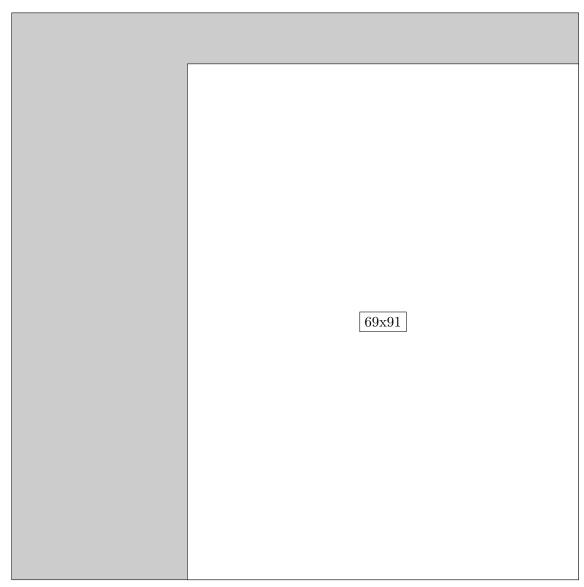
 $\le =70$  , h =83 , x =30 , y =0 , v =5810



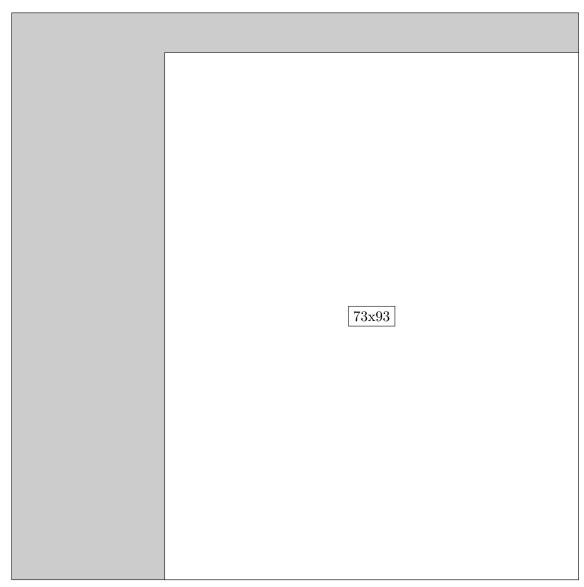
w =88 , h =82 , x =12 , y =0 , v =7216 w =9 , h =78 , x =3 , y =0 , v =702



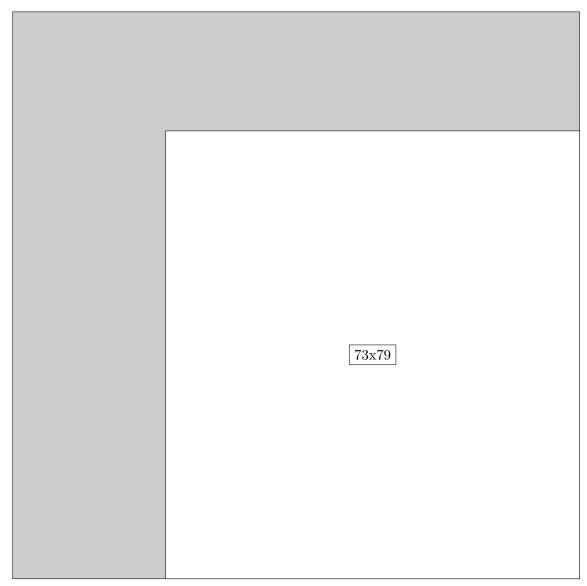
$$\begin{array}{l} w = 99 \ , \ h = 33 \ , \ x = 1 \ , \ y = 0 \ , \ v = 3267 \\ w = 60 \ , \ h = 67 \ , \ x = 40 \ , \ y = 33 \ , \ v = 4020 \end{array}$$



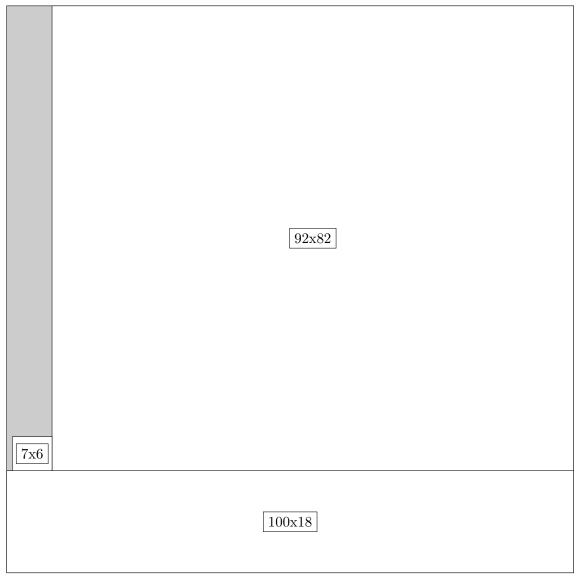
 $\le =69$  , h =91 , x =31 , y =0 , v =6279



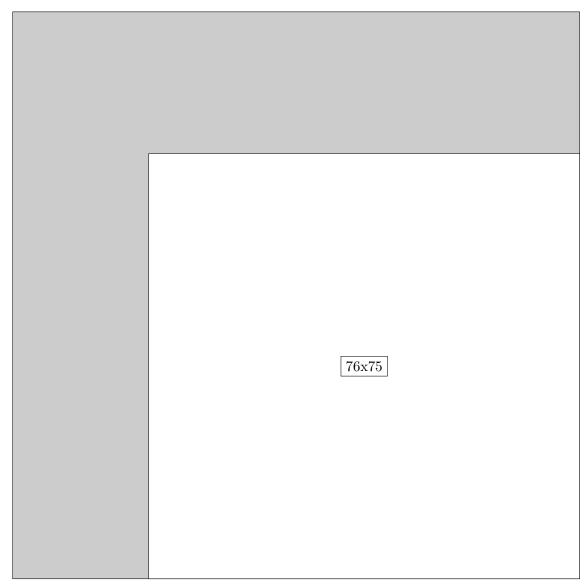
 $\le =73$  , h =93 , x =27 , y =0 , v =6789



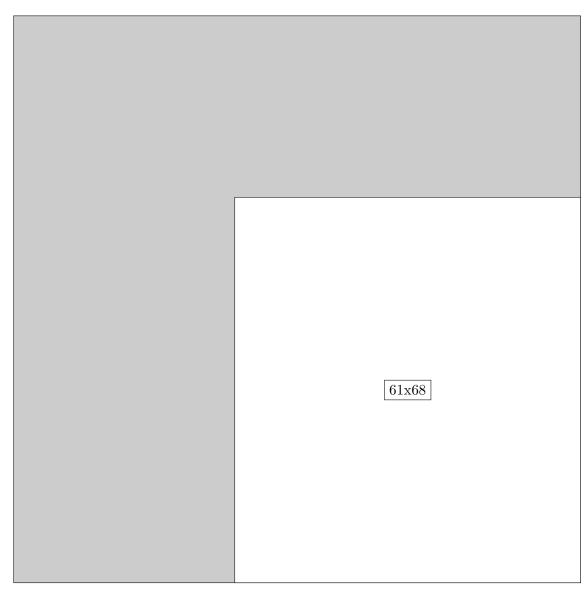
 $\le =73$  , h =79 , x =27 , y =0 , v =5767



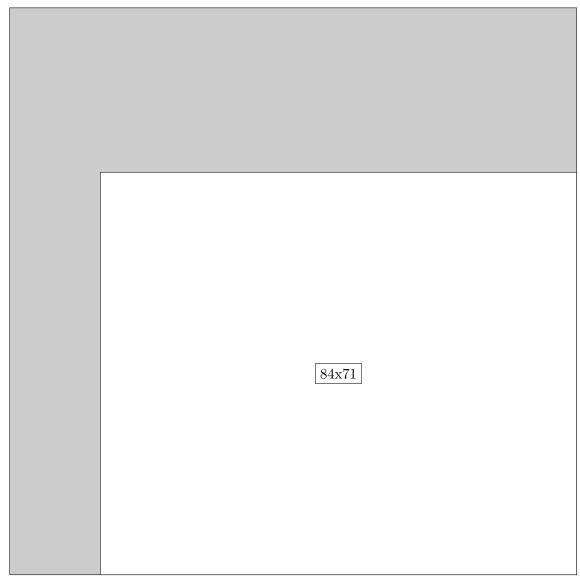
$$\begin{array}{l} w = \! 100 \; , \; h = \! 18 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 1800 \\ w = \! 92 \; , \; h = \! 82 \; , \; x = \! 8 \; , \; y = \! 18 \; , \; v = \! 7544 \\ w = \! 7 \; , \; h = \! 6 \; , \; x = \! 1 \; , \; y = \! 18 \; , \; v = \! 42 \end{array}$$



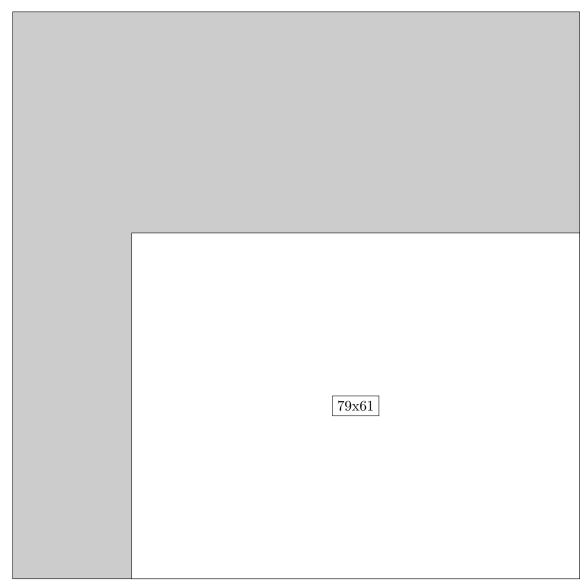
 $\le =76$  , h =75 , x =24 , y =0 , v =5700



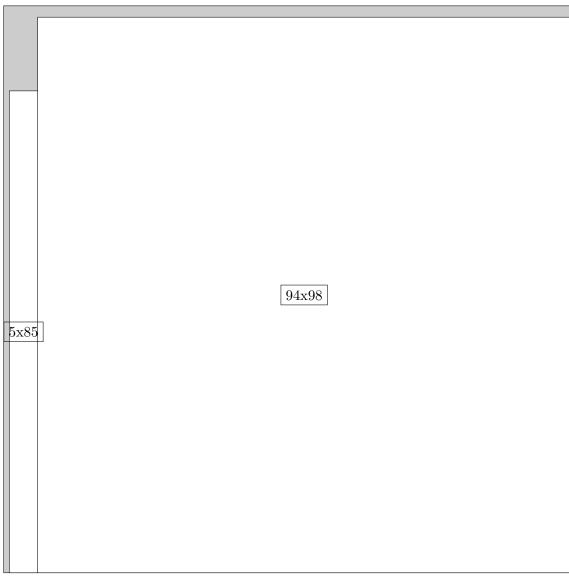
 $\le =61$  , h=68 , x=39 , y=0 , v=4148



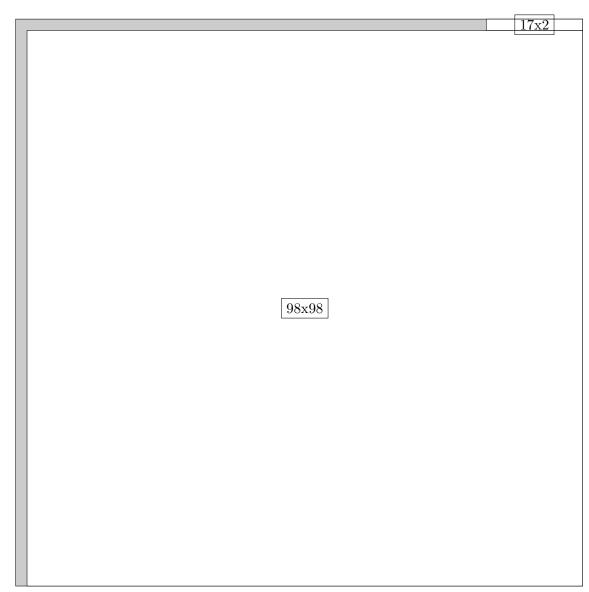
 $\le =84$  , h =71 , x =16 , y =0 , v =5964



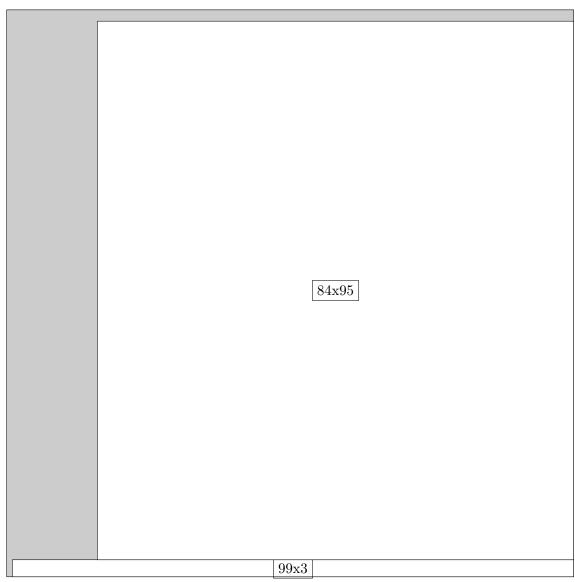
 $\le =79$  , h =61 , x =21 , y =0 , v =4819



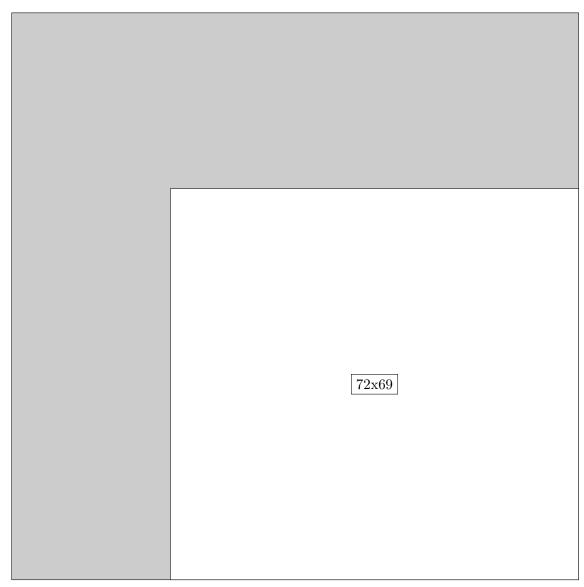
 $\begin{array}{l} w = \! 94 \ , \, h = \! 98 \ , \, x = \! 6 \ , \, y = \! 0 \ , \, v = \! 9212 \\ w = \! 5 \ , \, h = \! 85 \ , \, x = \! 1 \ , \, y = \! 0 \ , \, v = \! 425 \end{array}$ 



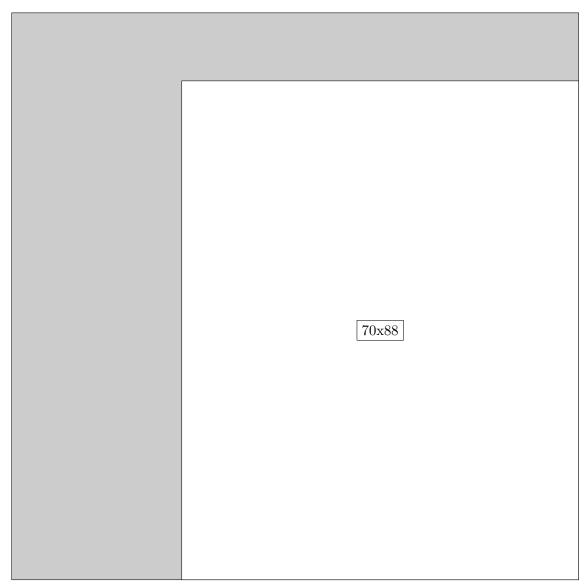
 $\begin{array}{l} w = \! 98 \; , \; h = \! 98 \; , \; x = \! 2 \; , \; y = \! 0 \; , \; v = \! 9604 \\ w = \! 17 \; , \; h = \! 2 \; , \; x = \! 83 \; , \; y = \! 98 \; , \; v = \! 34 \end{array}$ 



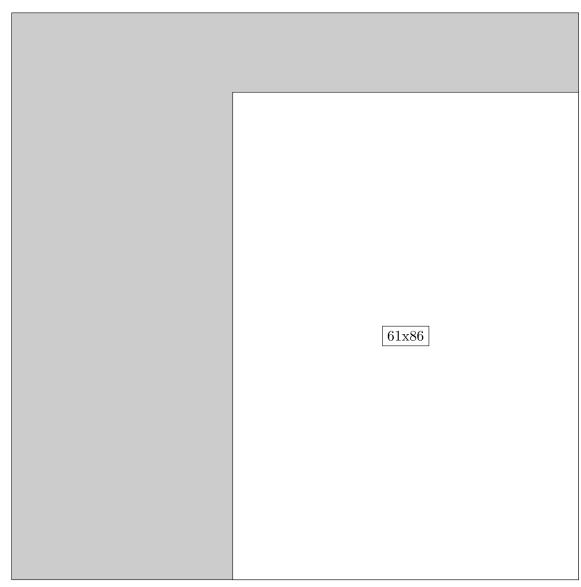
 $\begin{array}{l} w = \! 99 \ , \ h = \! 3 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 297 \\ w = \! 84 \ , \ h = \! 95 \ , \ x = \! 16 \ , \ y = \! 3 \ , \ v = \! 7980 \end{array}$ 



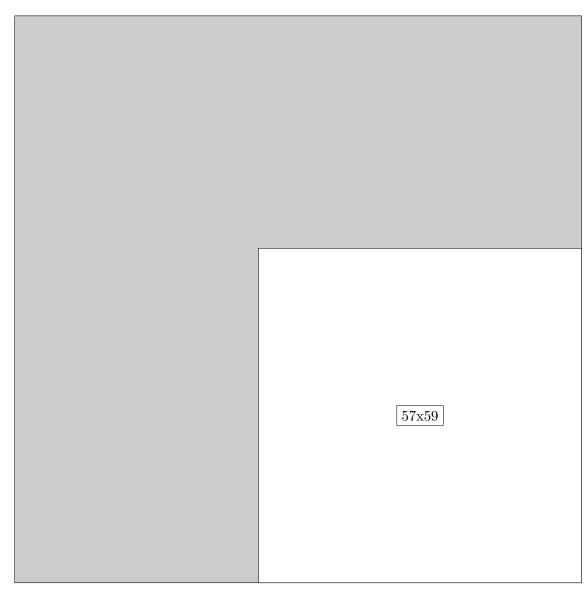
 $\le =72$  , h =69 , x =28 , y =0 , v =4968



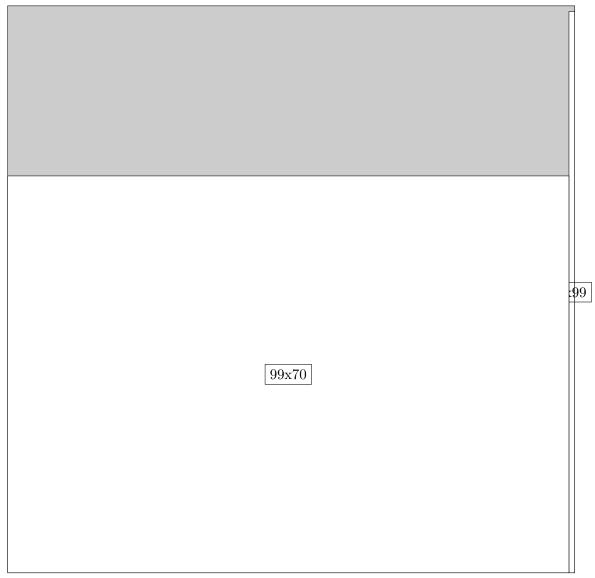
 $\le =70$  , h =88 , x =30 , y =0 , v =6160



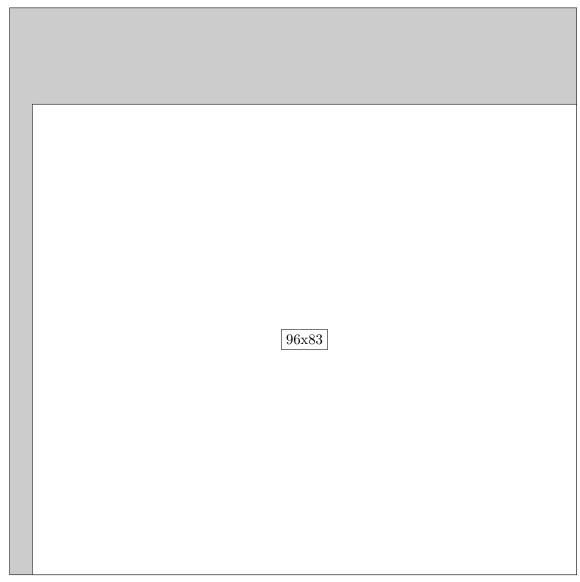
 $\le =61$  , h =86 , x =39 , y =0 , v =5246



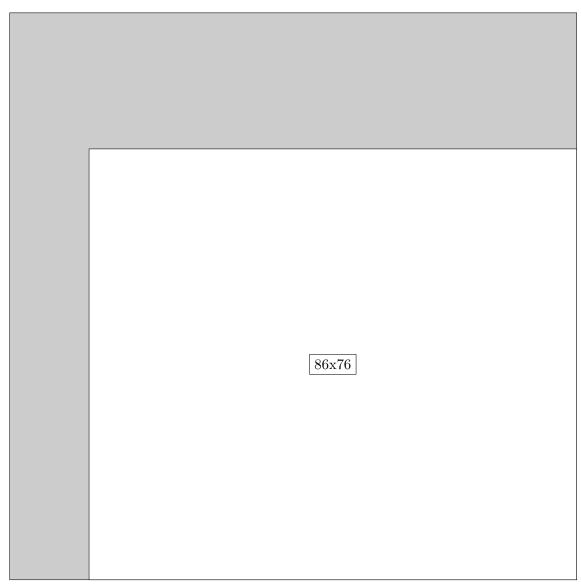
 $\le =57$  , h =59 , x =43 , y =0 , v =3363



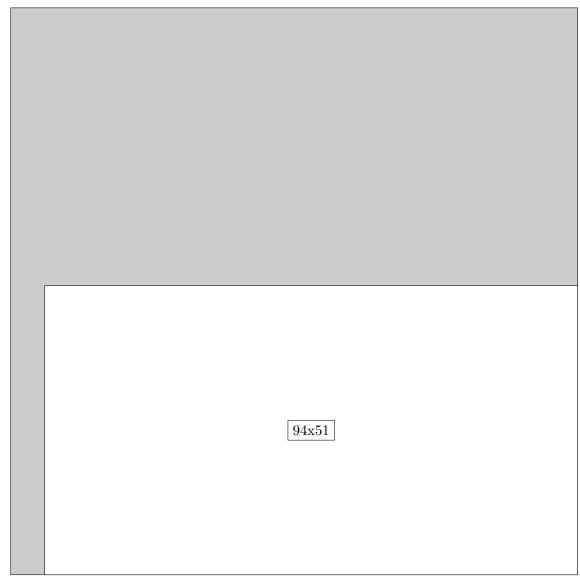
$$w = 1$$
,  $h = 99$ ,  $x = 99$ ,  $y = 0$ ,  $v = 99$   
 $w = 99$ ,  $h = 70$ ,  $x = 0$ ,  $y = 0$ ,  $v = 6930$ 



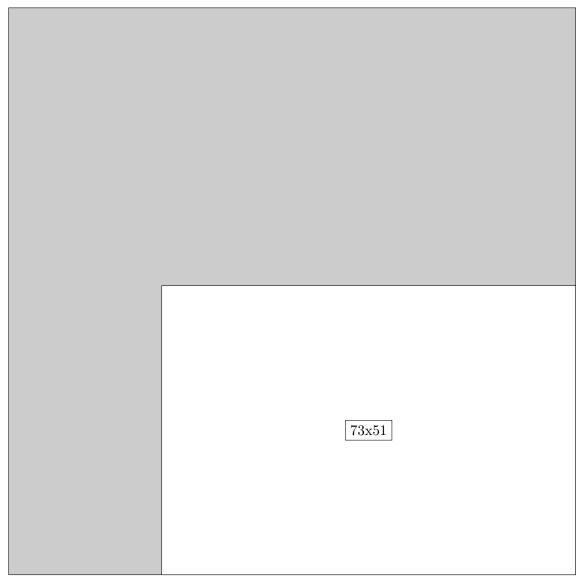
 $\le =96$  , h =83 , x =4 , y =0 , v =7968



 $\le =86$  , h =76 , x =14 , y =0 , v =6536



 $\le =94$  , h =51 , x =6 , y =0 , v =4794



 $\le =73$  , h =51 , x =27 , y =0 , v =3723