$ClassName: \ Class_09.2bp-27$

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>470000</u> InS: <u>279413</u> Rate: <u>0.594</u> UB: <u>47</u> LB0: <u>47</u>

 $\begin{array}{c} \overline{\text{LBWithCut: } \underline{\mathbf{47}}} \\ \text{NodeCut: } \mathbf{0} \end{array}$

LB: **47**

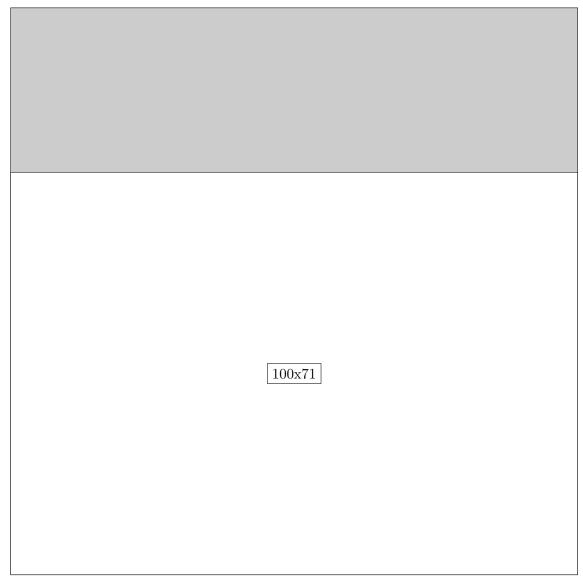
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{47}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

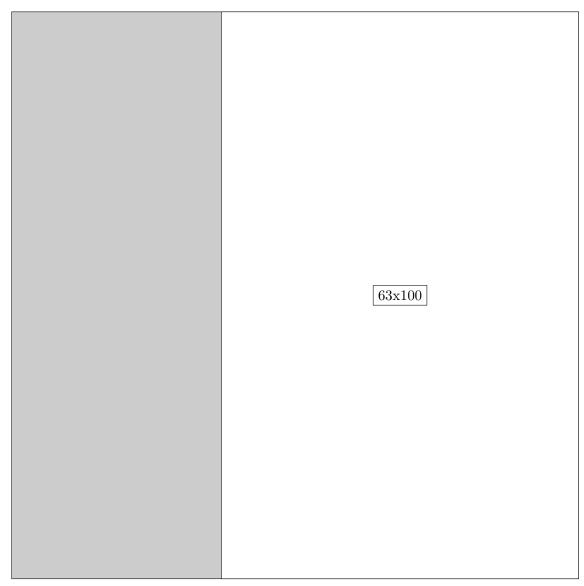
isOpt: $\underline{\mathbf{true}}$

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

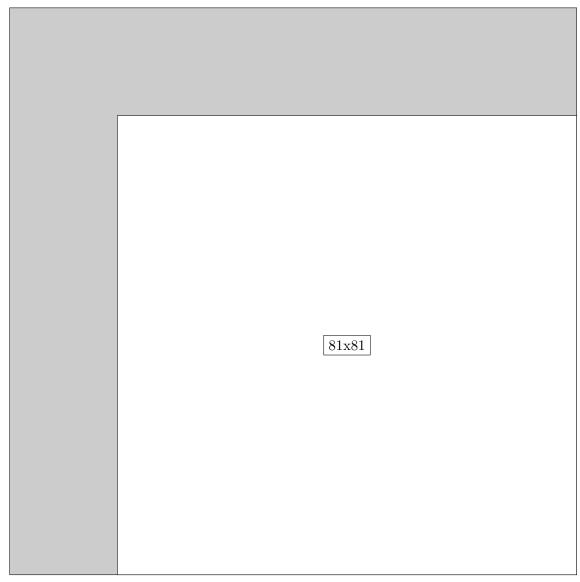
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 600.359 s



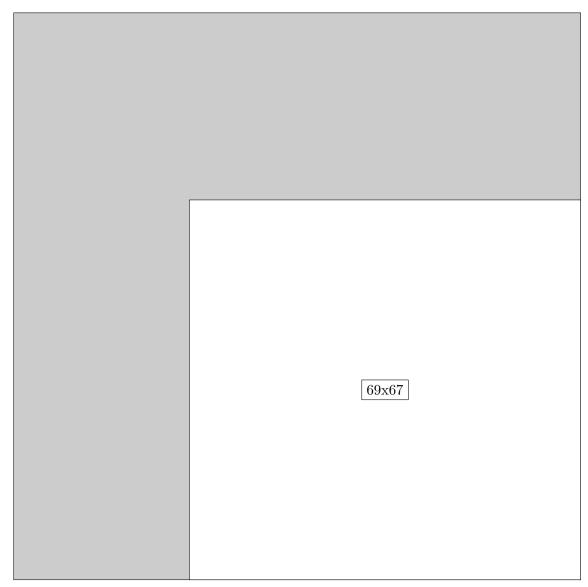
 $\le =100$, h =71 , x =0 , y =0 , v =7100



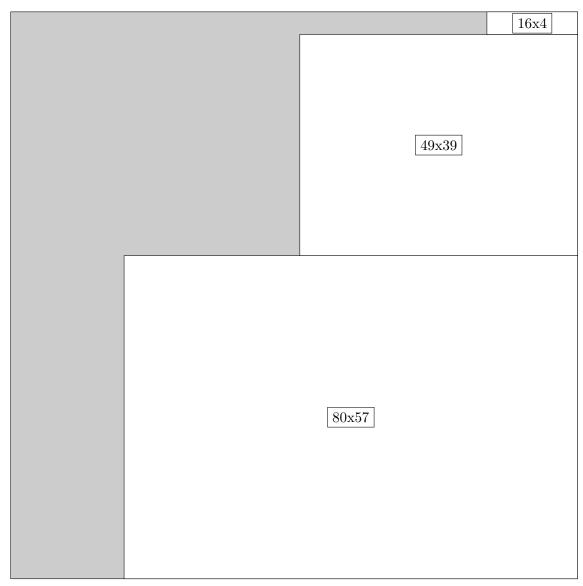
 $\le =63$, h = 100 , x = 37 , y = 0 , v = 6300



 $\le =81$, h=81 , x=19 , y=0 , v=6561



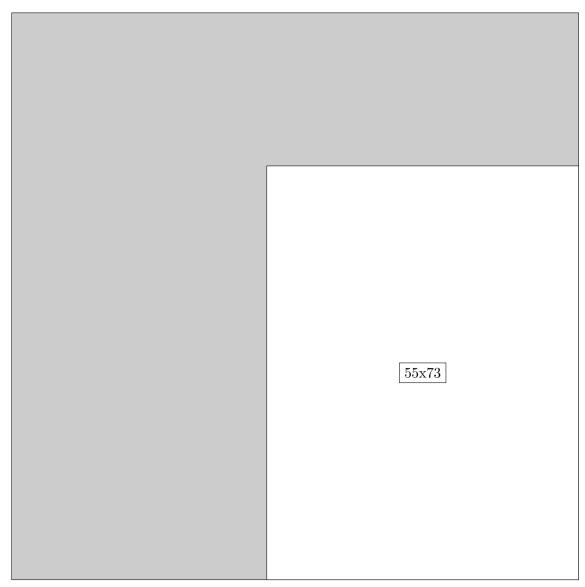
 $\le =69$, h=67 , x=31 , y=0 , v=4623



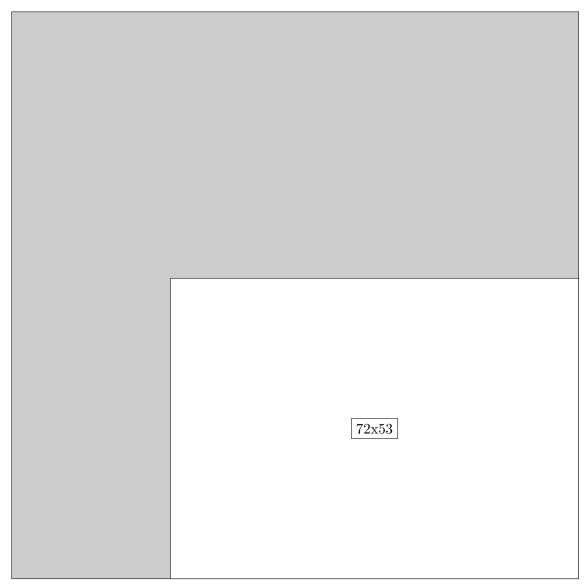
$$w = 80$$
, $h = 57$, $x = 20$, $y = 0$, $v = 4560$

$$\le =49$$
 , h =39 , x =51 , y =57 , v =1911

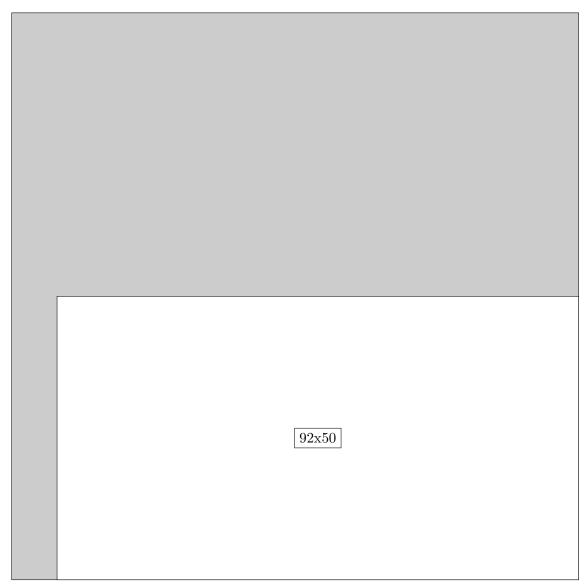
$$\le =16$$
 , h =4 , x =84 , y =96 , v =64



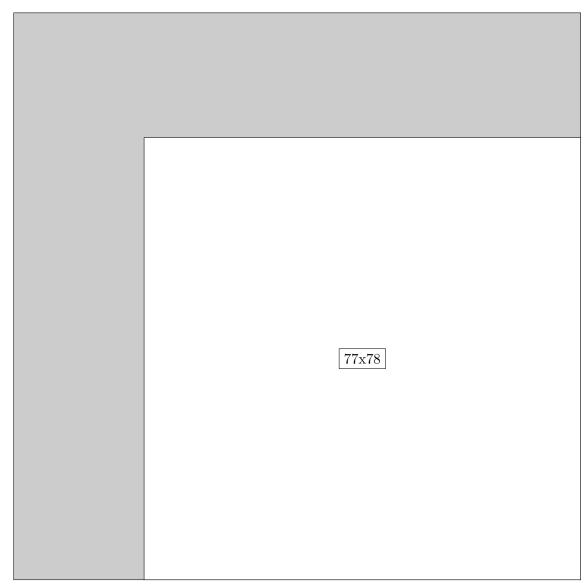
 ≤ -55 , h = 73 , x = 45 , y = 0 , v = 4015



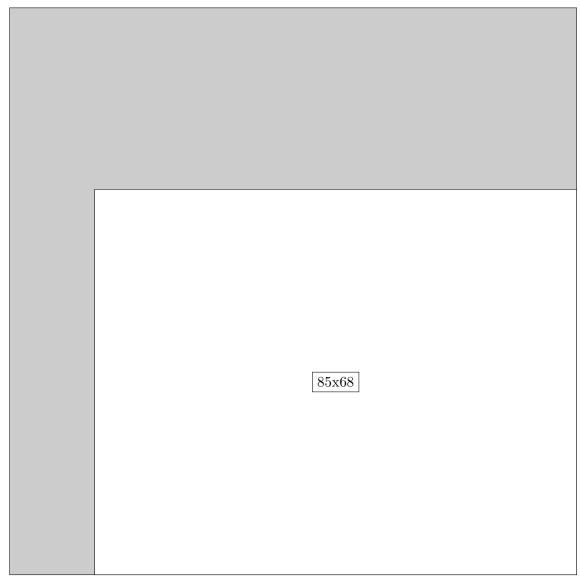
 $\le =72$, h =53 , x =28 , y =0 , v =3816



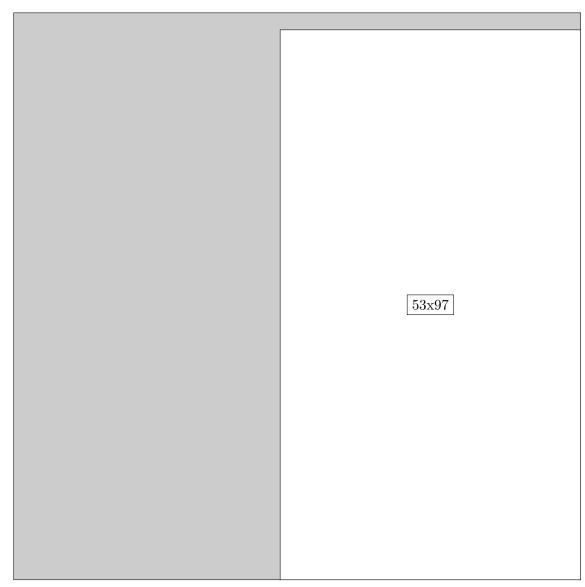
 $\le =92$, h =50 , x =8 , y =0 , v =4600



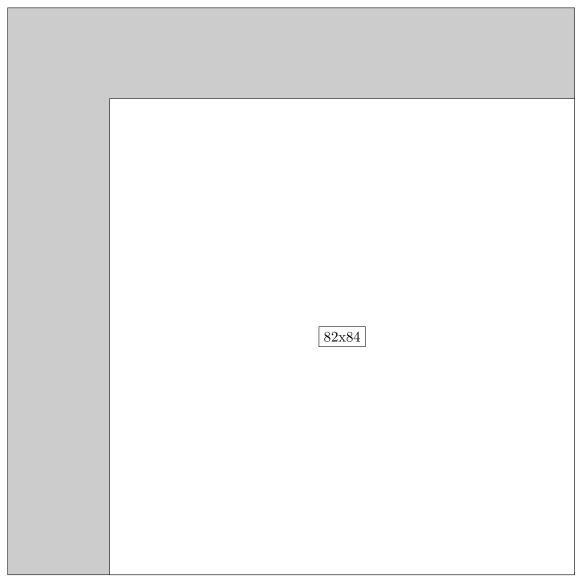
 $\le =77$, h =78 , x =23 , y =0 , v =6006



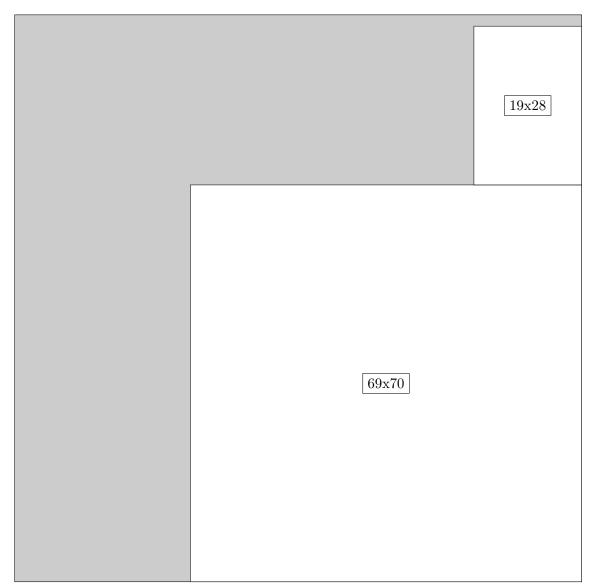
 $\le =85$, h=68 , x=15 , y=0 , v=5780



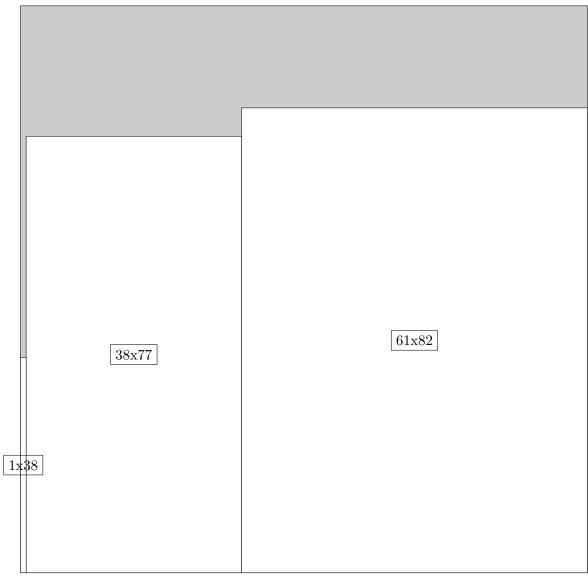
 $\le =53$, h =97 , x =47 , y =0 , v =5141



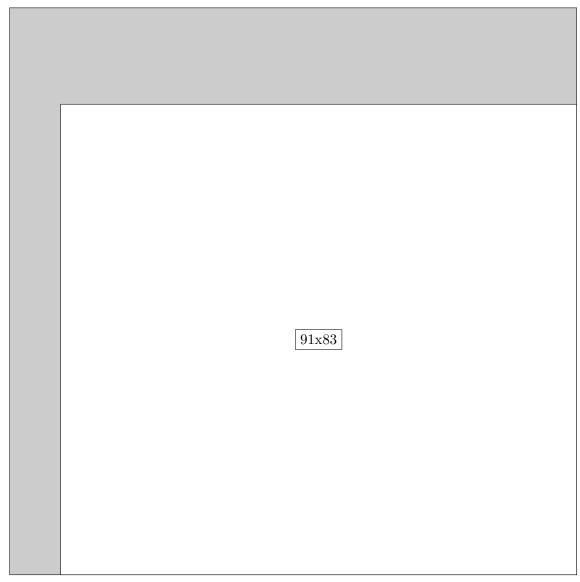
 $\le =82$, h=84 , x=18 , y=0 , v=6888



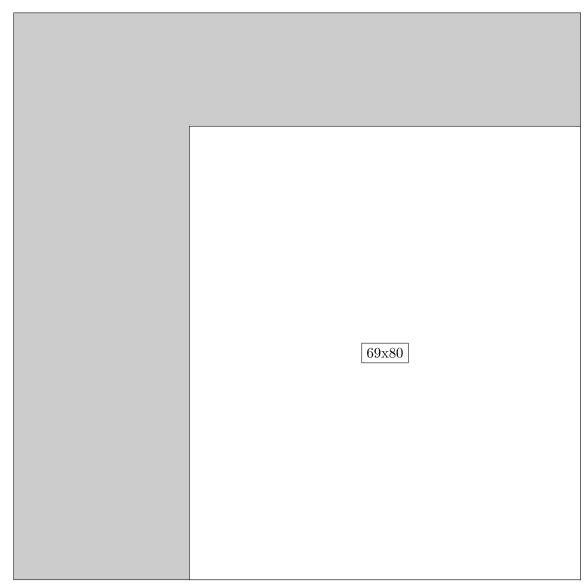
$$\begin{array}{l} w = \!69 \ , \ h = \!70 \ , \ x = \!31 \ , \ y = \!0 \ , \ v = \!4830 \\ w = \!19 \ , \ h = \!28 \ , \ x = \!81 \ , \ y = \!70 \ , \ v = \!532 \end{array}$$



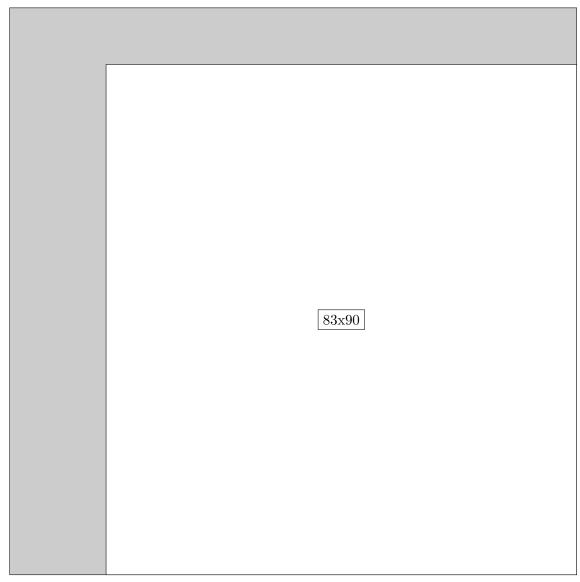
 $\begin{array}{l} w = \! 61 \; , \; h = \! 82 \; , \; x = \! 39 \; , \; y = \! 0 \; , \; v = \! 5002 \\ w = \! 38 \; , \; h = \! 77 \; , \; x = \! 1 \; , \; y = \! 0 \; , \; v = \! 2926 \\ w = \! 1 \; , \; h = \! 38 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 38 \end{array}$



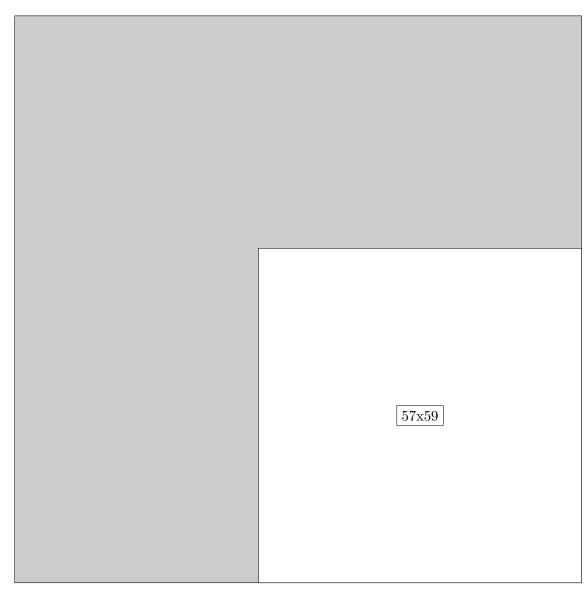
 $\le =91$, h =83 , x =9 , y =0 , v =7553



 $\le =69$, h =80 , x =31 , y =0 , v =5520

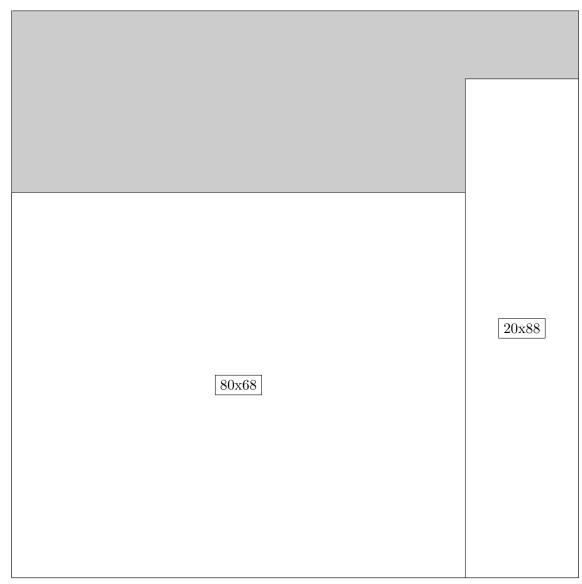


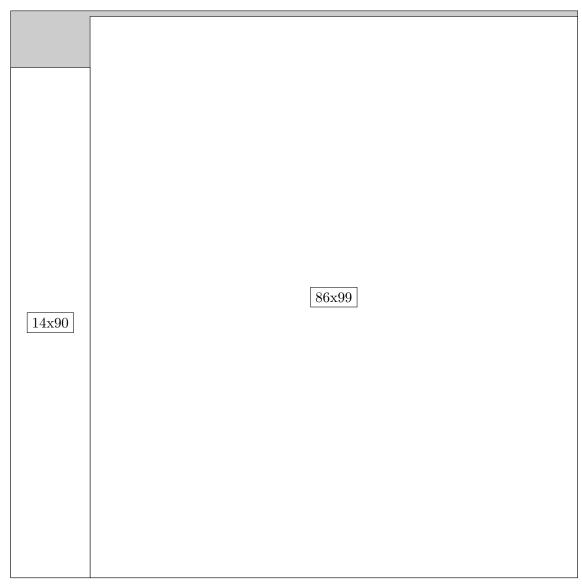
 $\le =83$, h =90 , x =17 , y =0 , v =7470



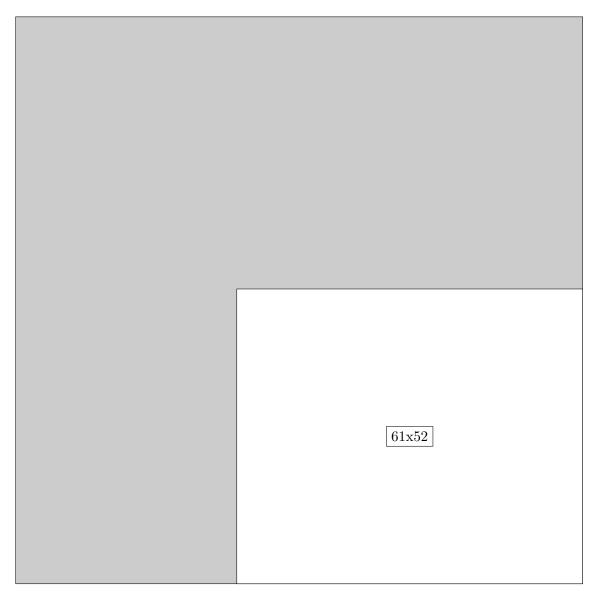
 $\le =57$, h =59 , x =43 , y =0 , v =3363



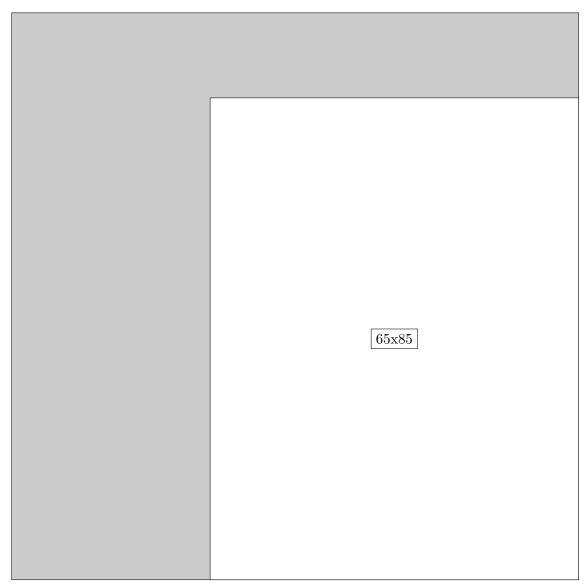




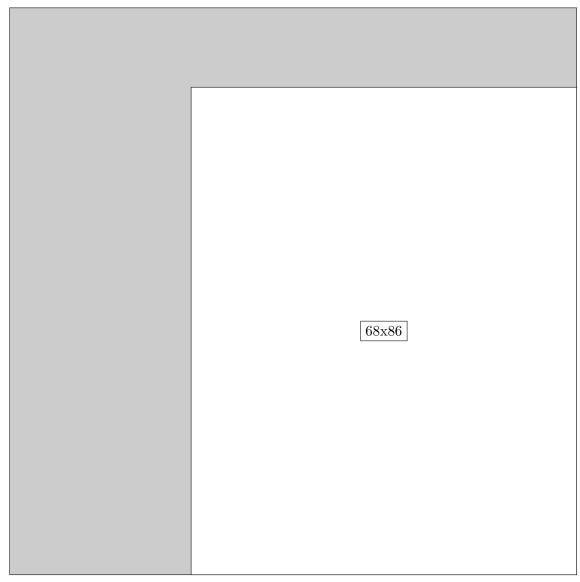
$$\begin{array}{l} w = \! 86 \ , \ h = \! 99 \ , \ x = \! 14 \ , \ y = \! 0 \ , \ v = \! 8514 \\ w = \! 14 \ , \ h = \! 90 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1260 \end{array}$$



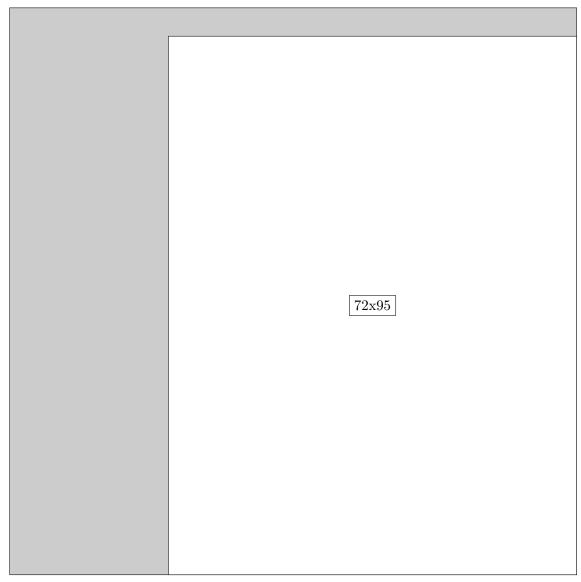
 $\le =61$, h=52 , x=39 , y=0 , v=3172



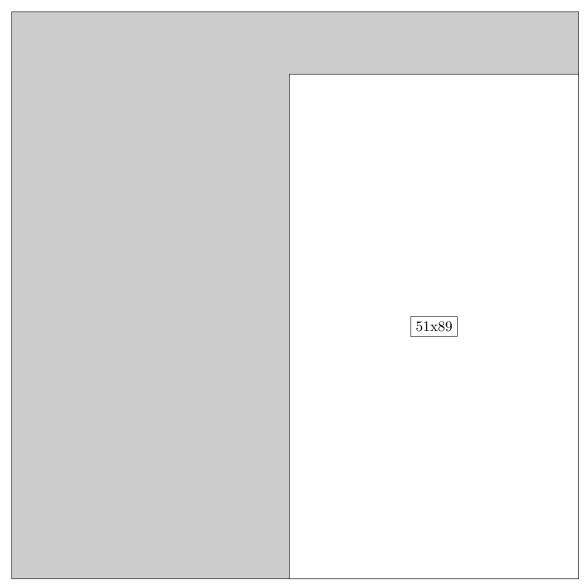
 $\le =65$, h =85 , x =35 , y =0 , v =5525



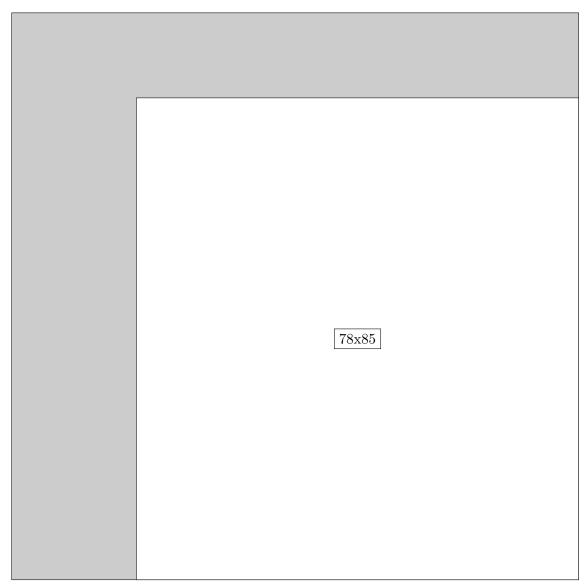
 $\le =68$, h =86 , x =32 , y =0 , v =5848



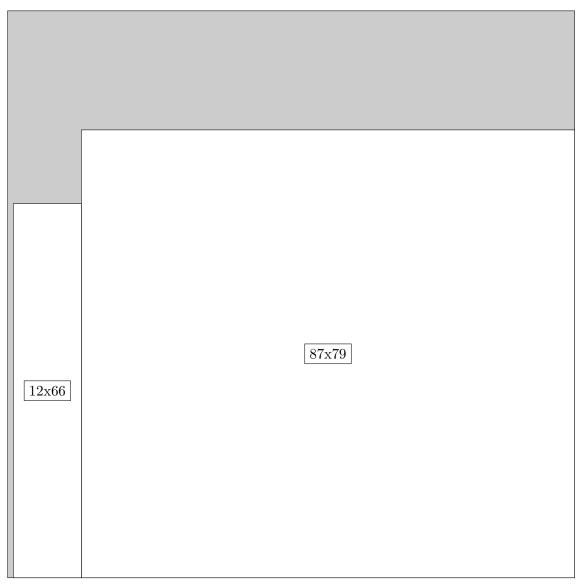
 $\le =72$, h =95 , x =28 , y =0 , v =6840

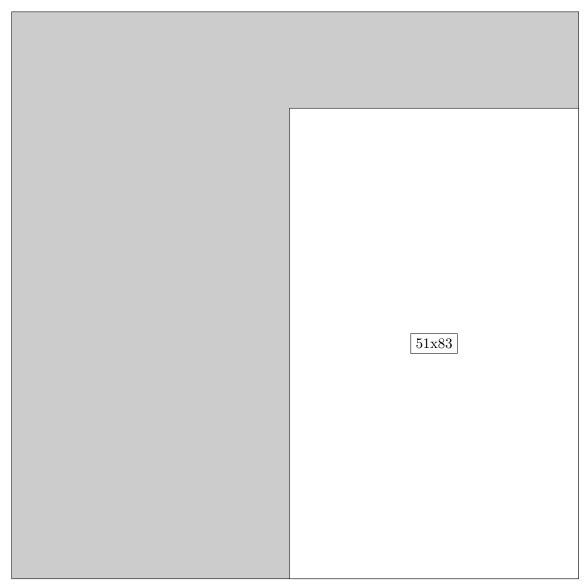


 $\le =51$, h =89 , x =49 , y =0 , v =4539



 $\le =78$, h =85 , x =22 , y =0 , v =6630

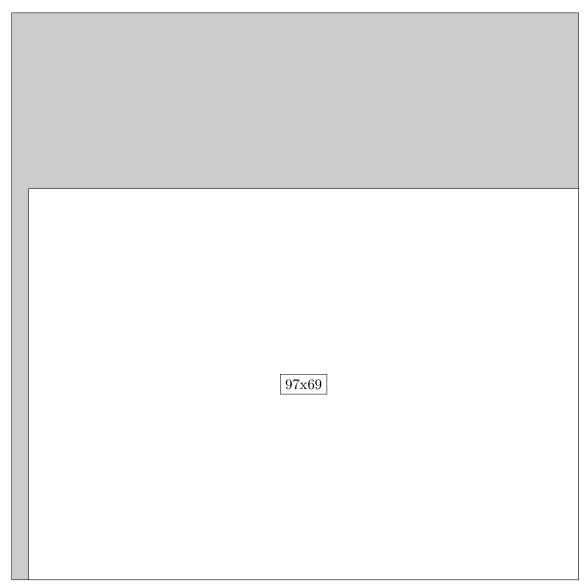




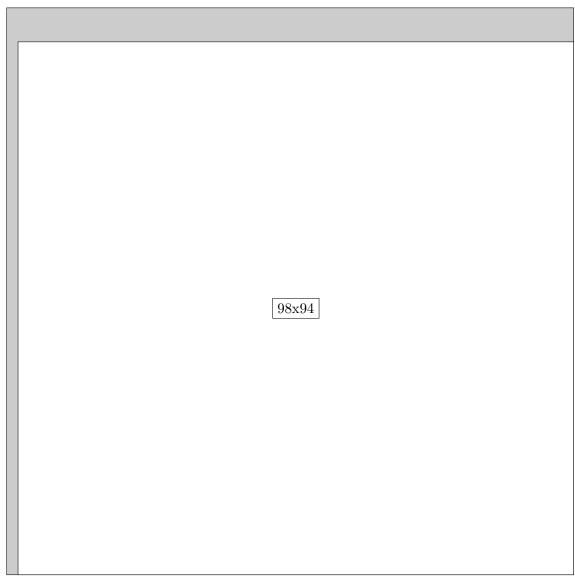
 $\le =51$, h =83 , x =49 , y =0 , v =4233



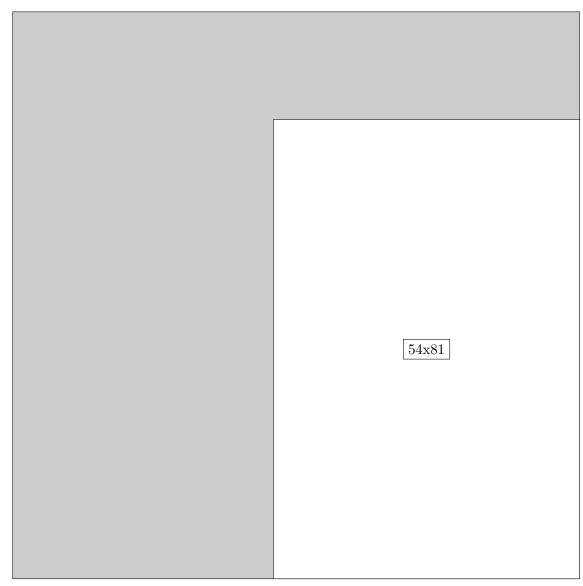
 $\le =87$, h =59 , x =13 , y =0 , v =5133



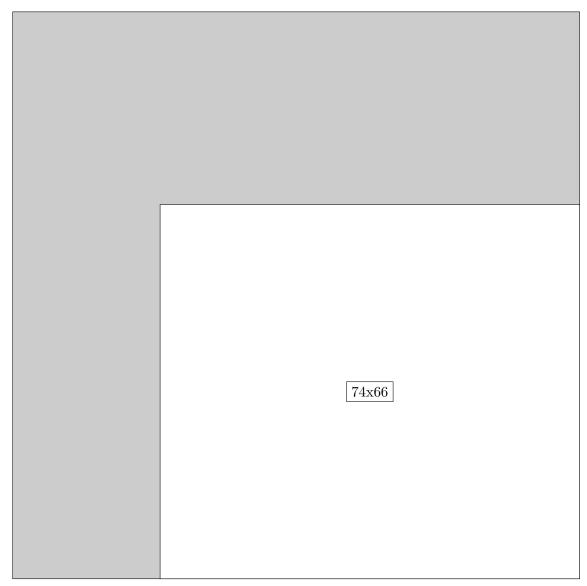
 $\le =97$, h =69 , x =3 , y =0 , v =6693



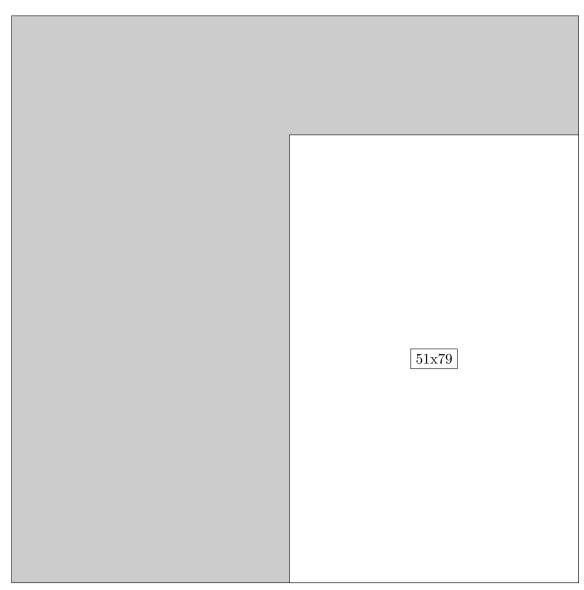
 $\le =98$, h =94 , x =2 , y =0 , v =9212



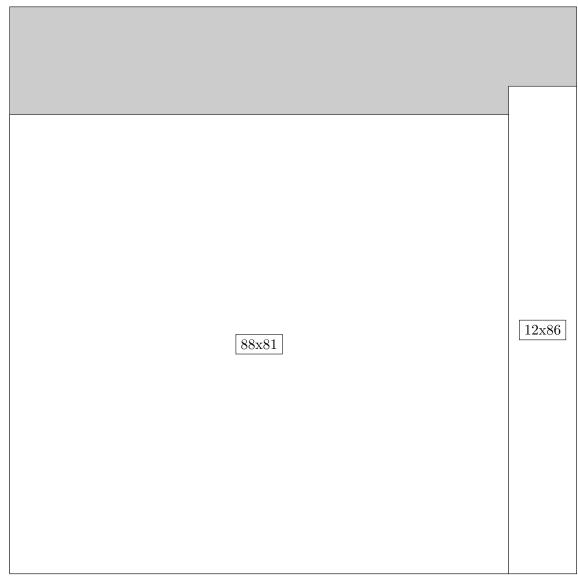
 $\le =54$, $h=\!81$, $x=\!46$, $y=\!0$, $v=\!4374$



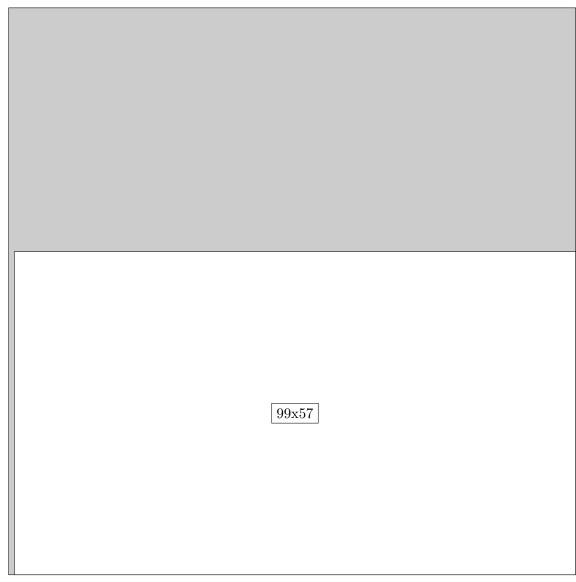
 $\le =74$, h=66 , x=26 , y=0 , v=4884



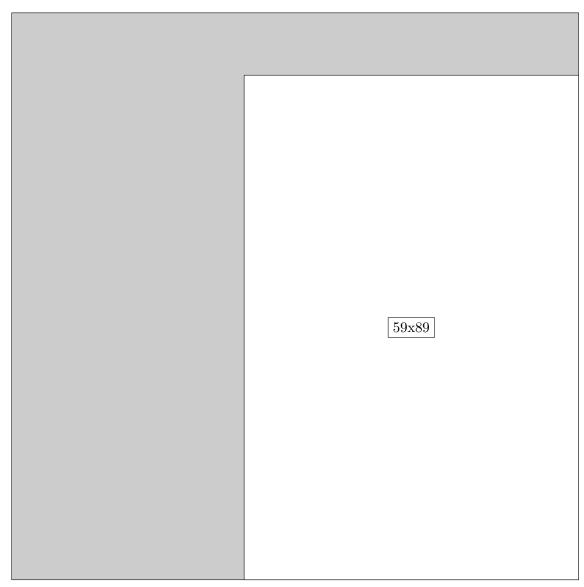
 $\le =51$, h =79 , x =49 , y =0 , v =4029



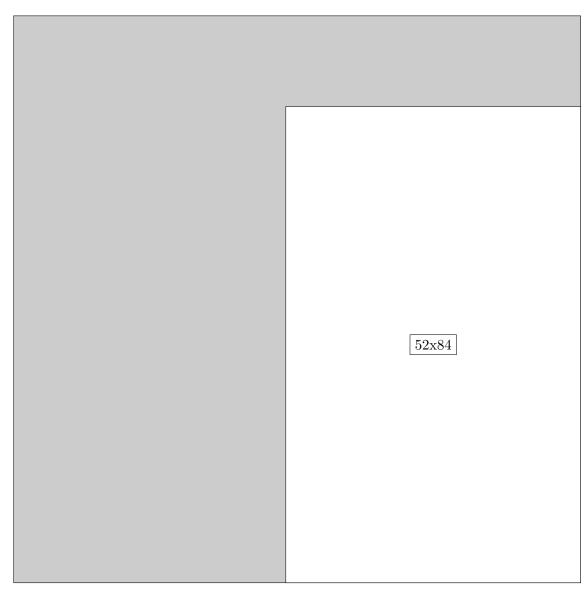
$$\begin{array}{l} w = \! 12 \ , \ h = \! 86 \ , \ x = \! 88 \ , \ y = \! 0 \ , \ v = \! 1032 \\ w = \! 88 \ , \ h = \! 81 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7128 \end{array}$$



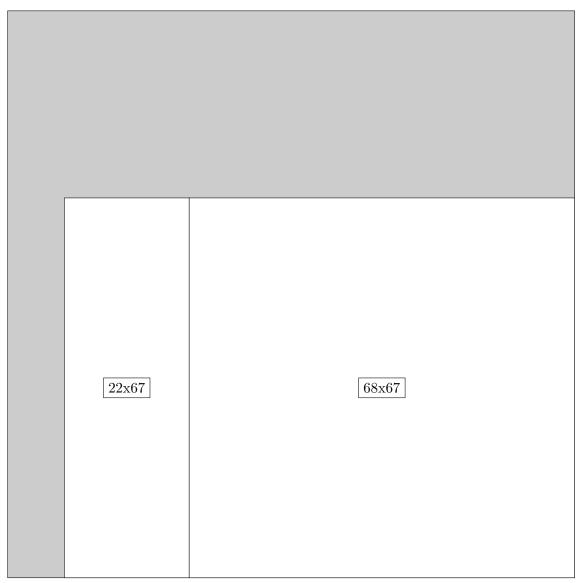
 $\le =99$, h =57 , x =1 , y =0 , v = 5643



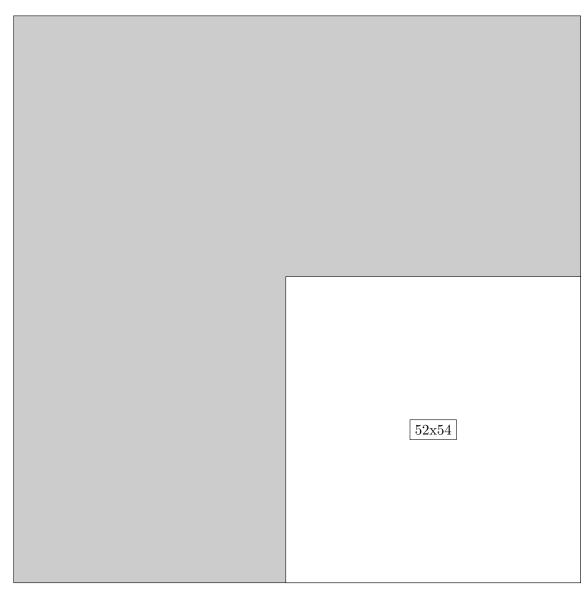
 $\le =59$, h =89 , x =41 , y =0 , v =5251



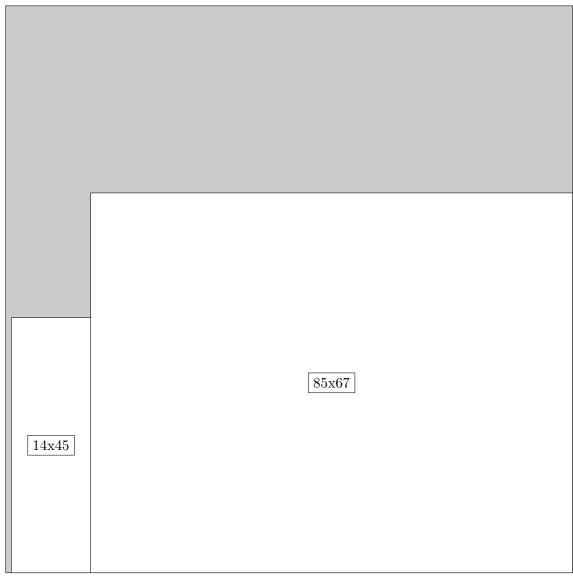
 $\le =52$, h =84 , x =48 , y =0 , v =4368



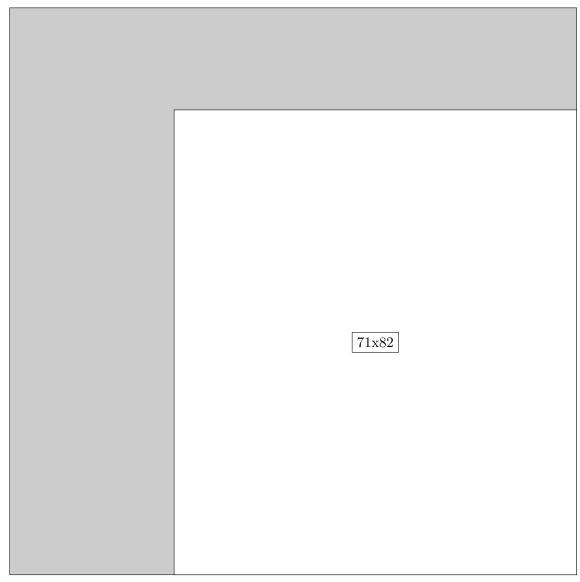
$$\begin{array}{l} w = \!68 \; , \; h = \!\!67 \; , \; x = \!\!32 \; , \; y = \!\!0 \; , \; v = \!\!4556 \\ w = \!\!22 \; , \; h = \!\!67 \; , \; x = \!\!10 \; , \; y = \!\!0 \; , \; v = \!\!1474 \end{array}$$



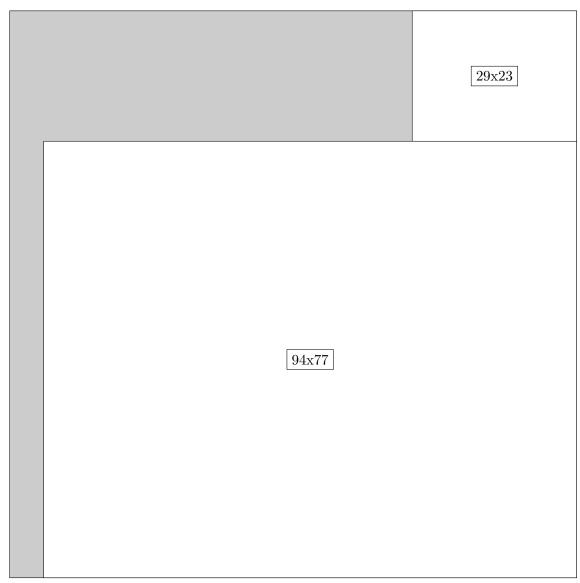
 ≤ 52 , h = 54 , x = 48 , y = 0 , v = 2808



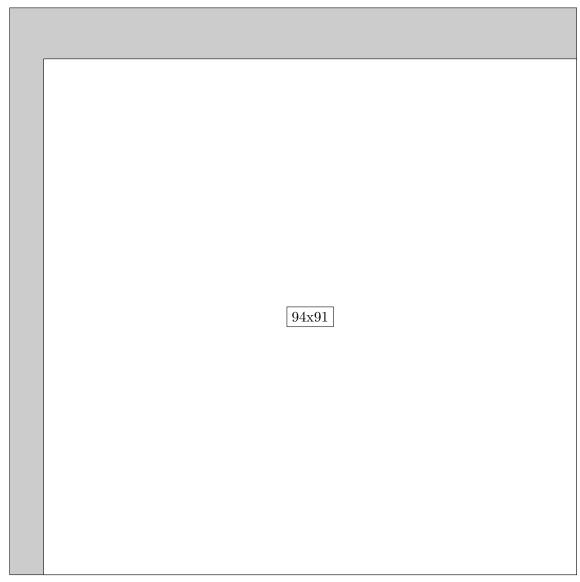
$$\begin{array}{l} w = \! 85 \ , \ h = \! 67 \ , \ x = \! 15 \ , \ y = \! 0 \ , \ v = \! 5695 \\ w = \! 14 \ , \ h = \! 45 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 630 \end{array}$$



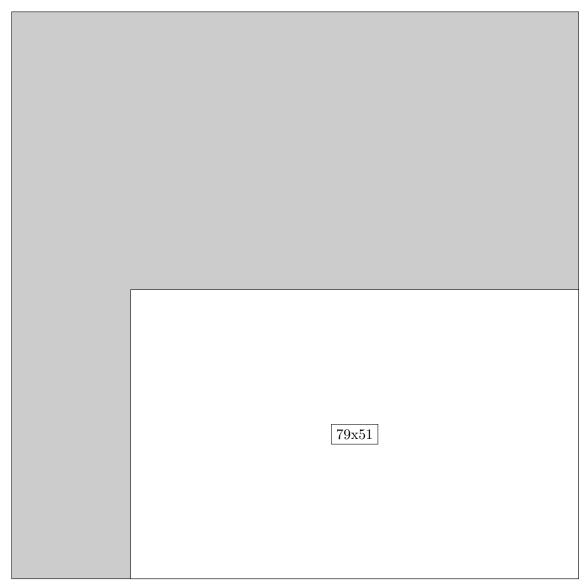
 $\le =71$, h =82 , x =29 , y =0 , v =5822



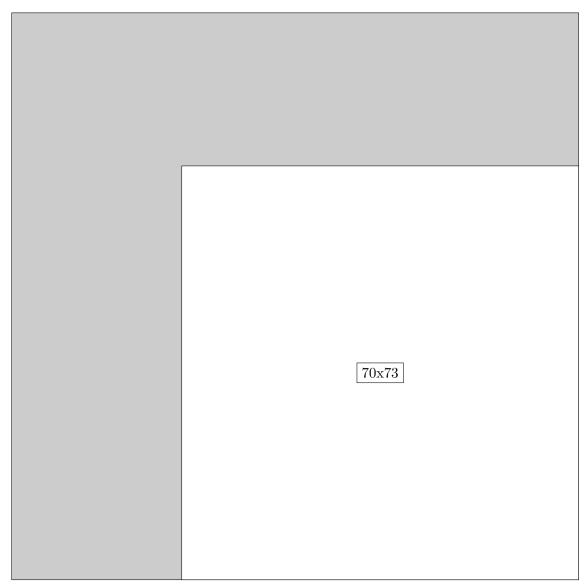
$$\begin{array}{l} w = \! 94 \ , \ h = \! 77 \ , \ x = \! 6 \ , \ y = \! 0 \ , \ v = \! 7238 \\ w = \! 29 \ , \ h = \! 23 \ , \ x = \! 71 \ , \ y = \! 77 \ , \ v = \! 667 \end{array}$$



 $\le =94$, h =91 , x =6 , y =0 , v =8554



 $\le =79$, h =51 , x =21 , y =0 , v =4029



 $\le =70$, h=73 , x=30 , y=0 , v=5110