$ClassName: \ Class_09.2bp-35$

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

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>620000</u> InS: <u>372850</u> Rate: <u>0.601</u> UB: <u>62</u> LB0: <u>62</u>

LBWithCut: $\underline{\mathbf{62}}$ NodeCut: $\underline{\mathbf{0}}$

LB: **62**

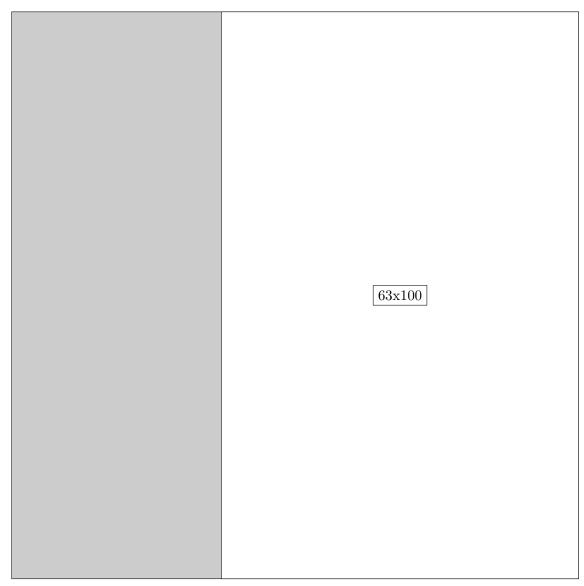
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{62}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

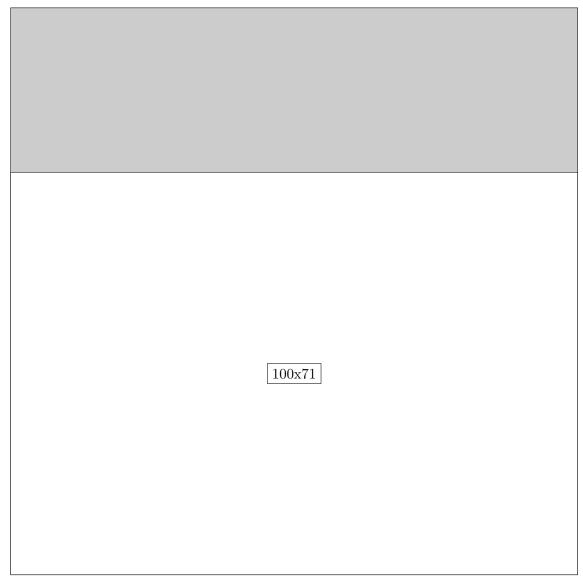
isOpt: $\underline{\mathbf{true}}$

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

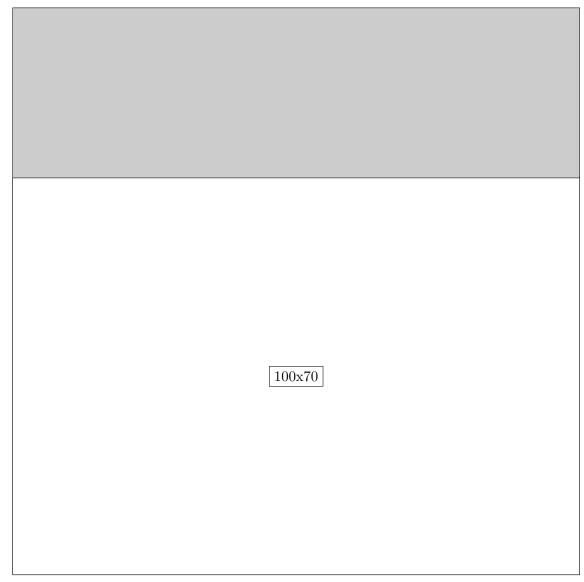
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.312 s



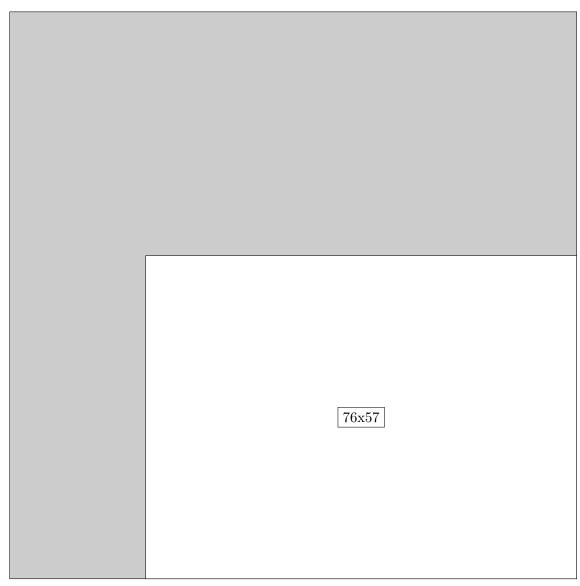
 $\le =63$, h = 100 , x = 37 , y = 0 , v = 6300



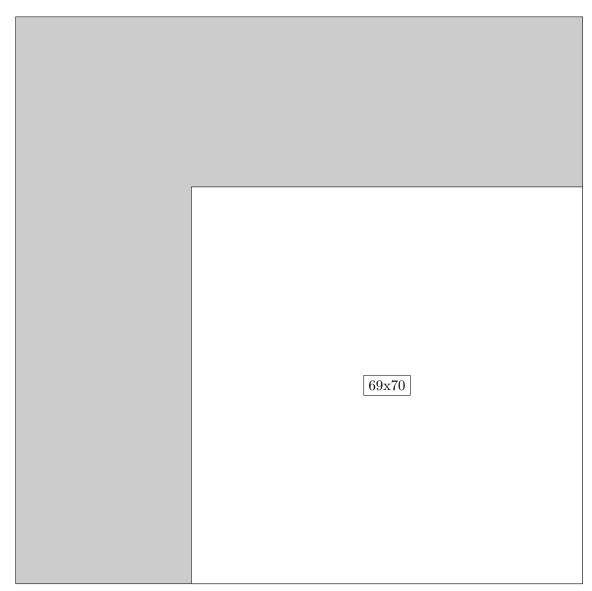
 $\le =100$, h =71 , x =0 , y =0 , v =7100



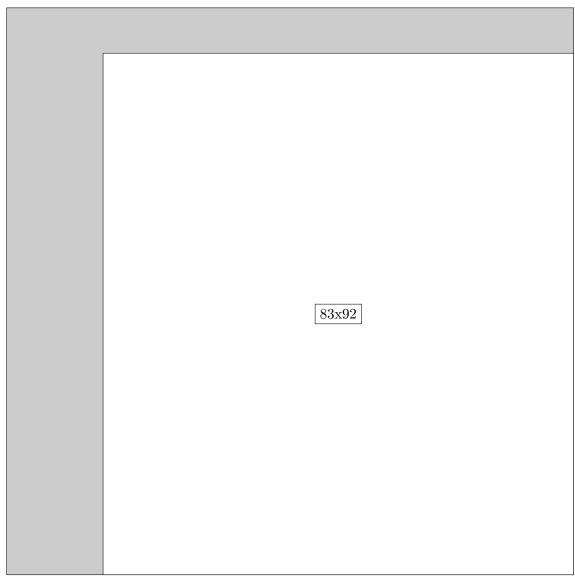
 $\le =100$, h =70 , x =0 , y =0 , v =7000



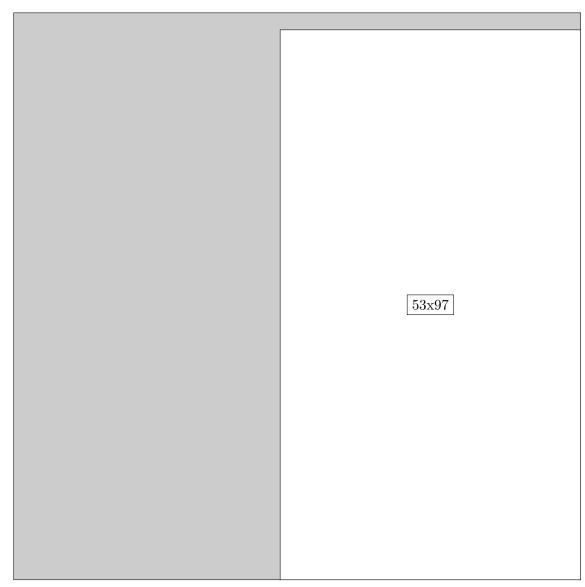
 $\le =76$, h =57 , x =24 , y =0 , v =4332



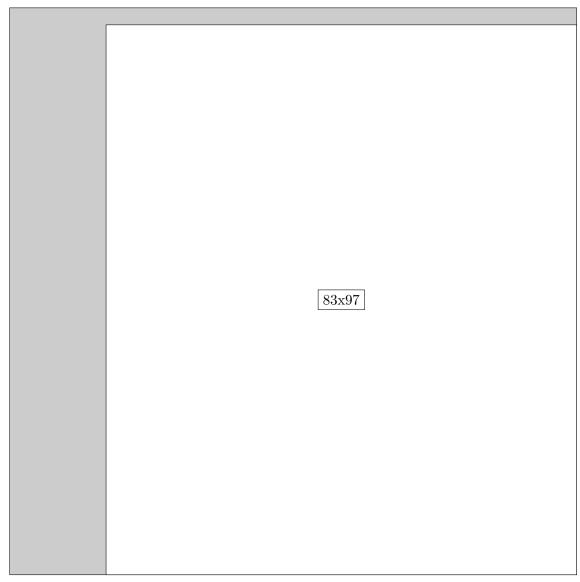
 $\le =69$, h =70 , x =31 , y =0 , v =4830



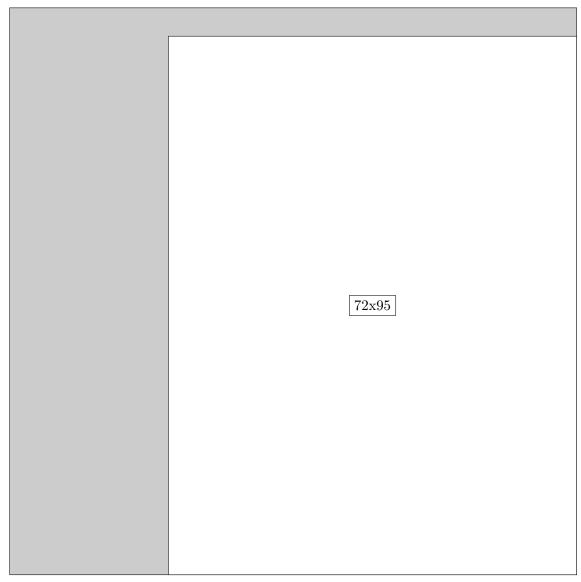
 $\le =83$, h =92 , x =17 , y =0 , v =7636



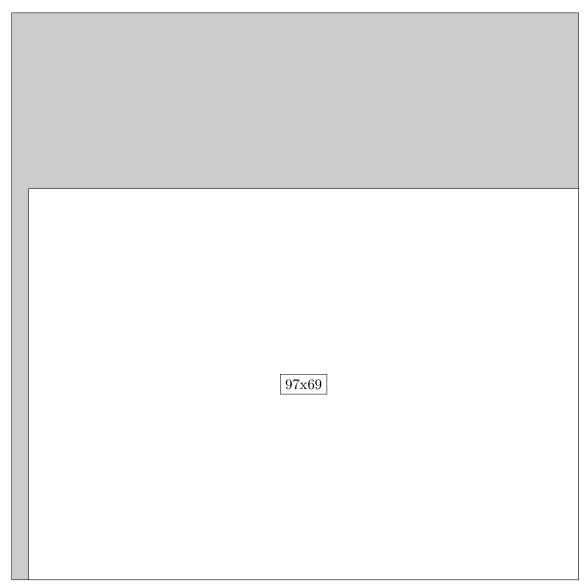
 $\le =53$, h =97 , x =47 , y =0 , v =5141



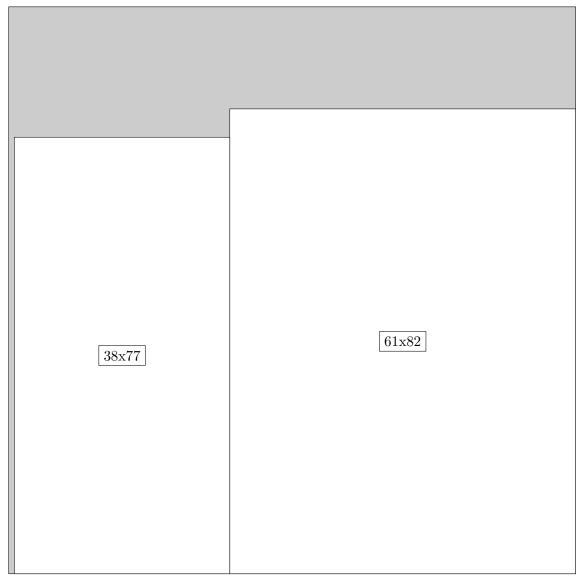
 $\le =83$, h =97 , x =17 , y =0 , v =8051



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

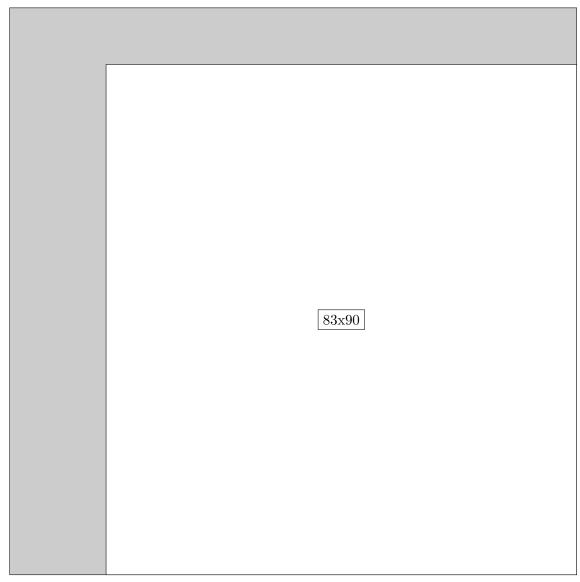


 $\le =97$, h =69 , x =3 , y =0 , v =6693

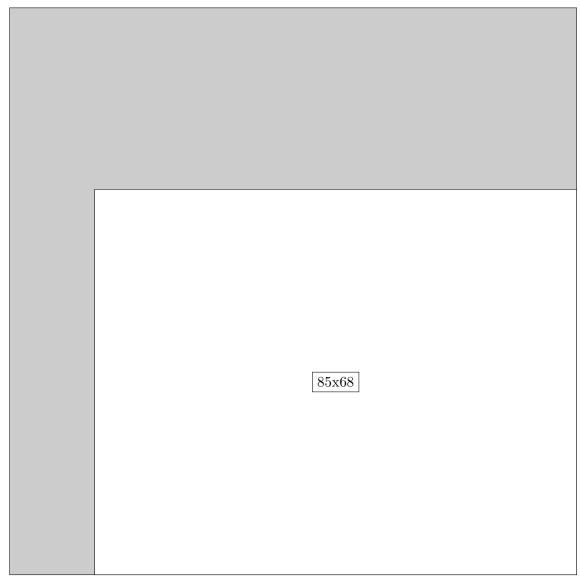


$$\begin{array}{l} w = \! 61 \ , \ h = \! 82 \ , \ x = \! 39 \ , \ y = \! 0 \ , \ v = \! 5002 \\ w = \! 38 \ , \ h = \! 77 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 2926 \end{array}$$

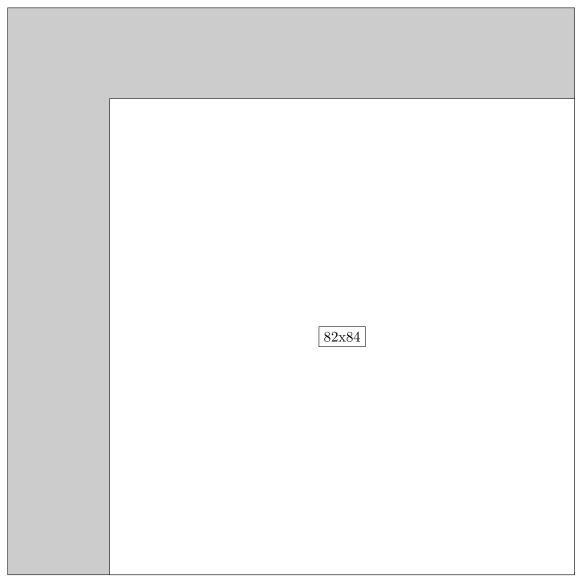




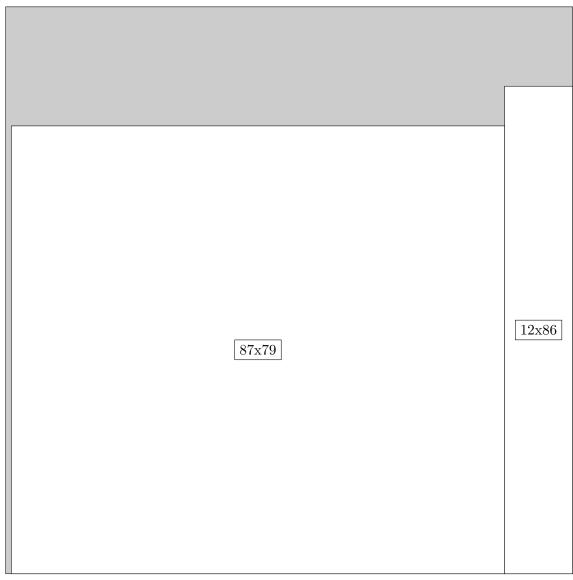
 $\le =83$, h =90 , x =17 , y =0 , v =7470

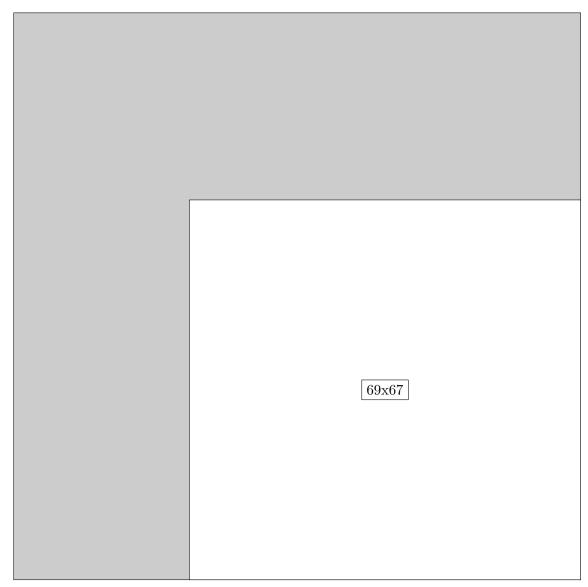


 $\le =85$, h=68 , x=15 , y=0 , v=5780

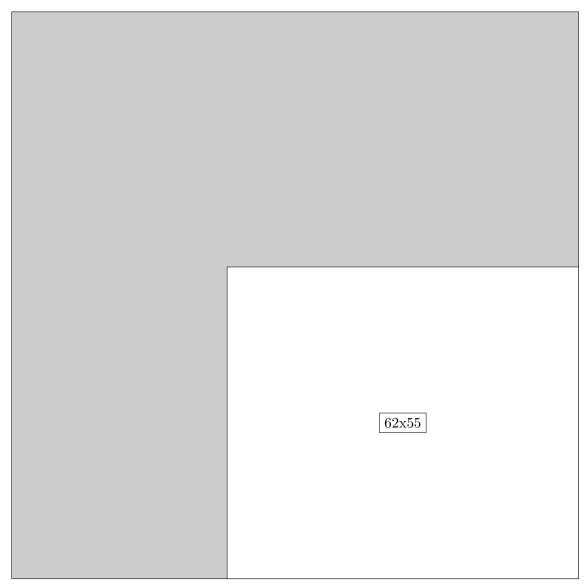


 $\le =82$, h=84 , x=18 , y=0 , v=6888

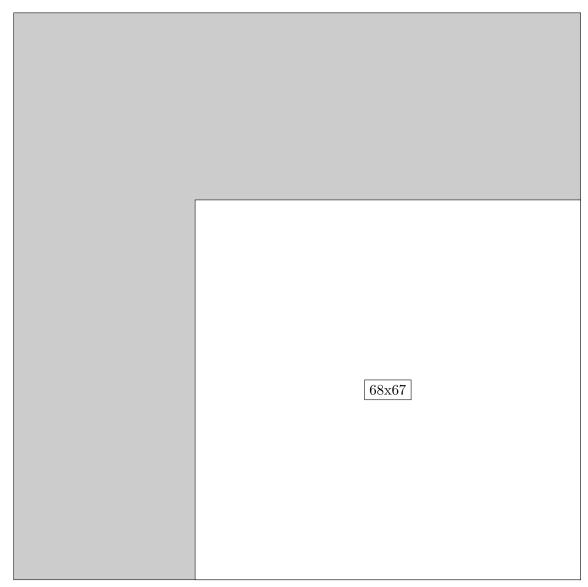




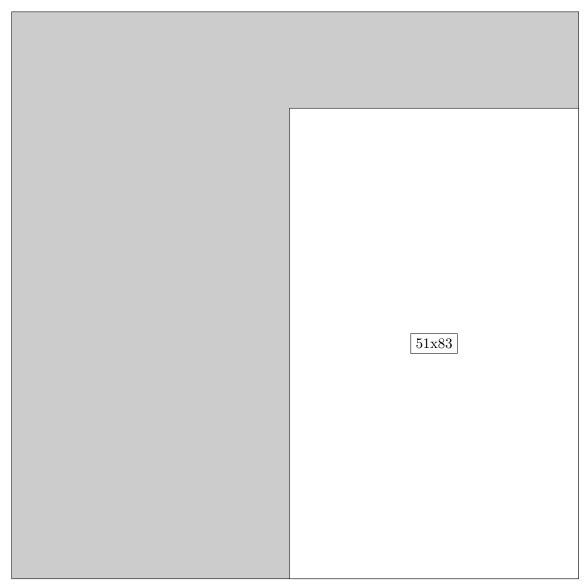
 $\le =69$, h =67 , x =31 , y =0 , v =4623



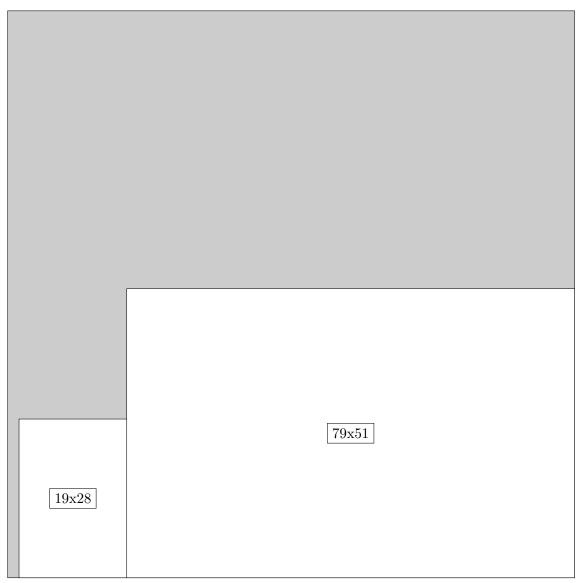
 $\le =62$, h =55 , x =38 , y =0 , v =3410



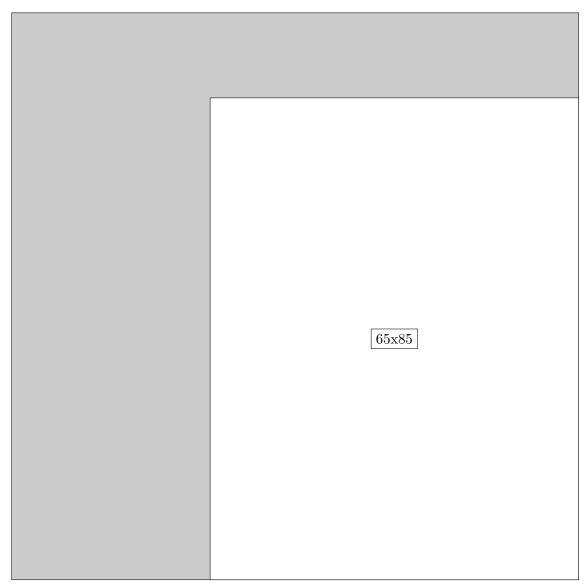
 $\le =68$, h=67 , x=32 , y=0 , v=4556



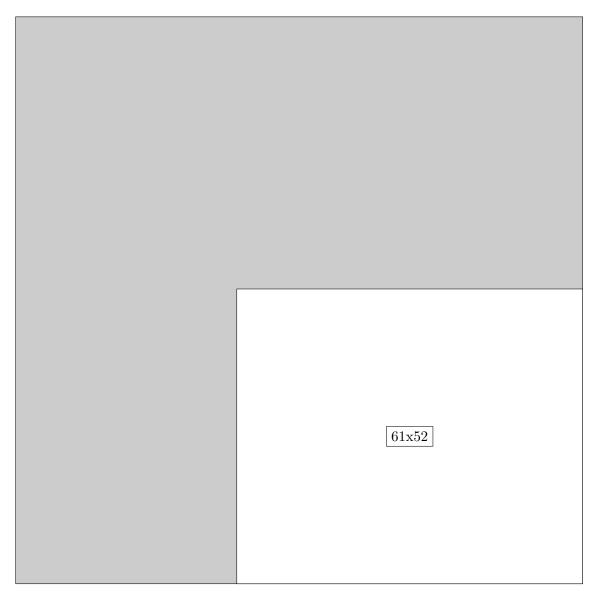
 $\le =51$, h =83 , x =49 , y =0 , v =4233



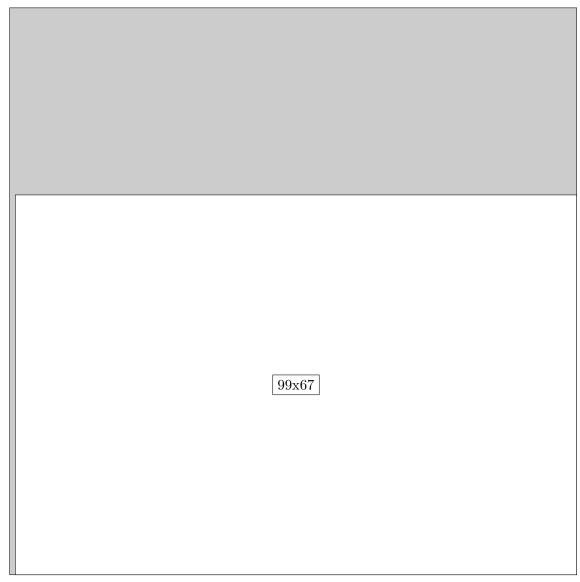
$$\begin{array}{l} w = 79 \ , \ h = \! 51 \ , \ x = \! 21 \ , \ y = \! 0 \ , \ v = \! 4029 \\ w = \! 19 \ , \ h = \! 28 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 532 \end{array}$$



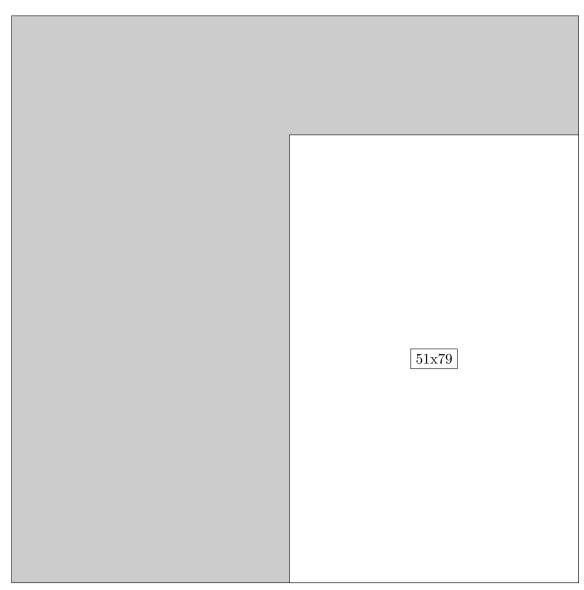
 $\le =65$, h =85 , x =35 , y =0 , v =5525



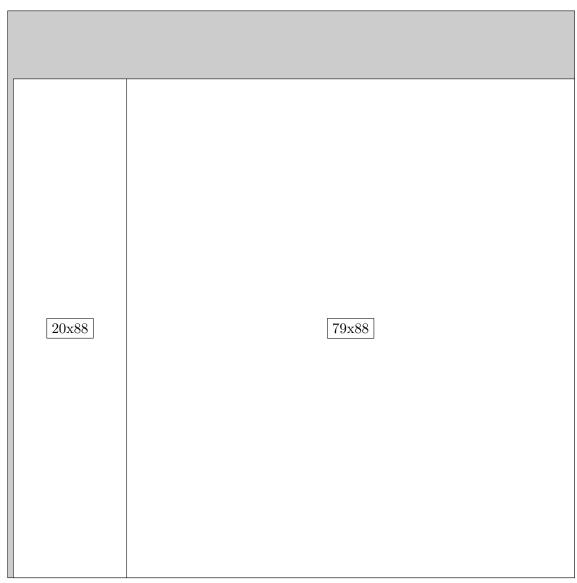
 $\le =61$, h=52 , x=39 , y=0 , v=3172



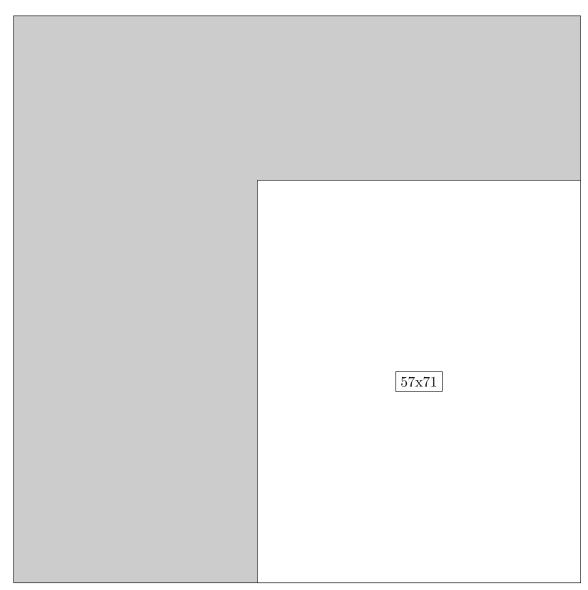
 $\le =99$, h =67 , x =1 , y =0 , v =6633



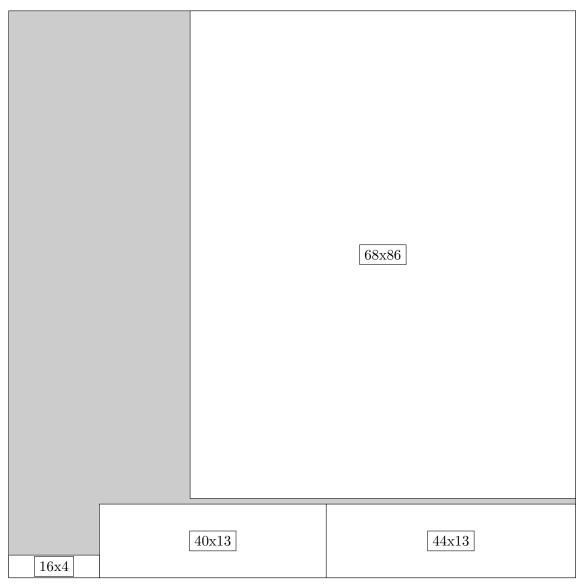
 $\le =51$, h =79 , x =49 , y =0 , v =4029



w =79 , h =88 , x =21 , y =0 , v =6952 w =20 , h =88 , x =1 , y =0 , v =1760



 ≤ 57 , h = 71 , x = 43 , y = 0 , v = 4047

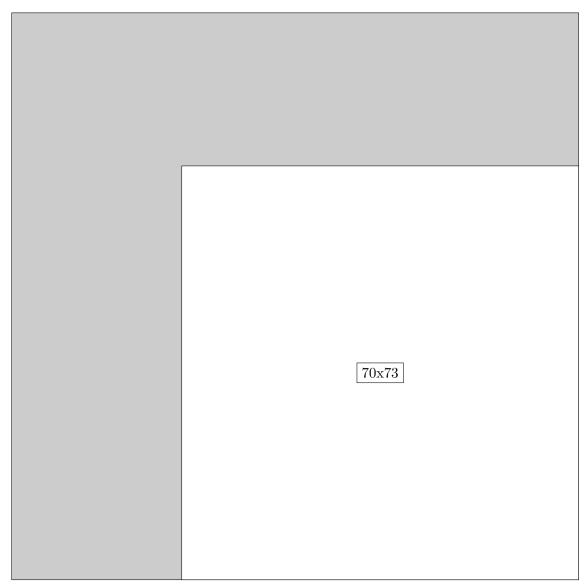


$$\le =44$$
 , h =13 , x =56 , y =0 , v =572

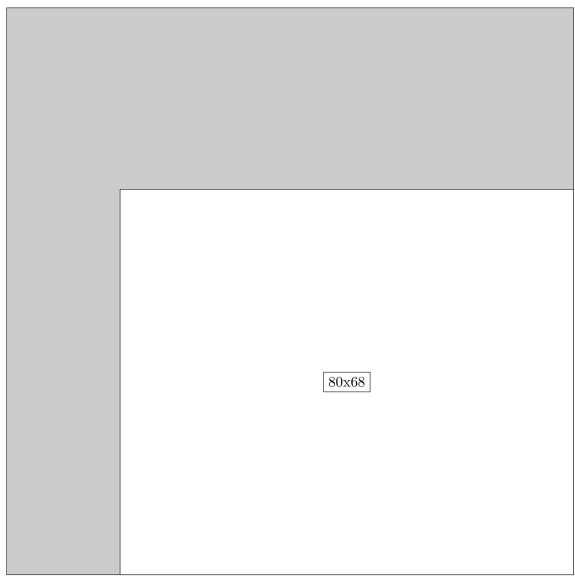
$$\le =40$$
 , $h=13$, $x=16$, $y=0$, $v=520$

$$\mathbf{w}$$
 =16 , h =4 , x =0 , y =0 , v =64

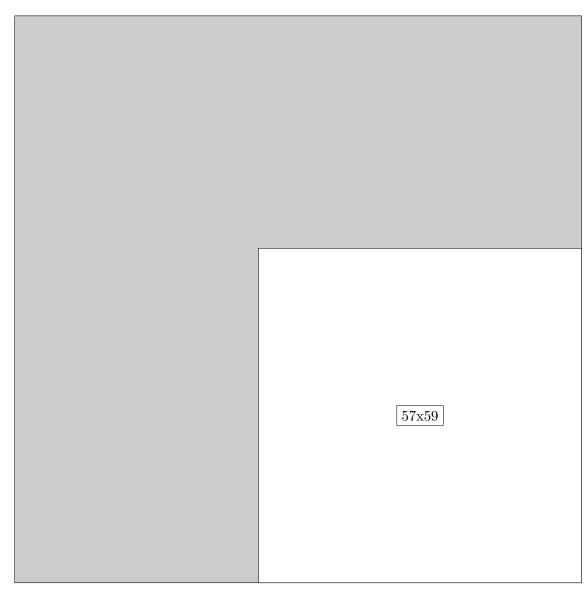
$$\mathbf{w}$$
 =68 , h =86 , x =32 , y =14 , v =5848



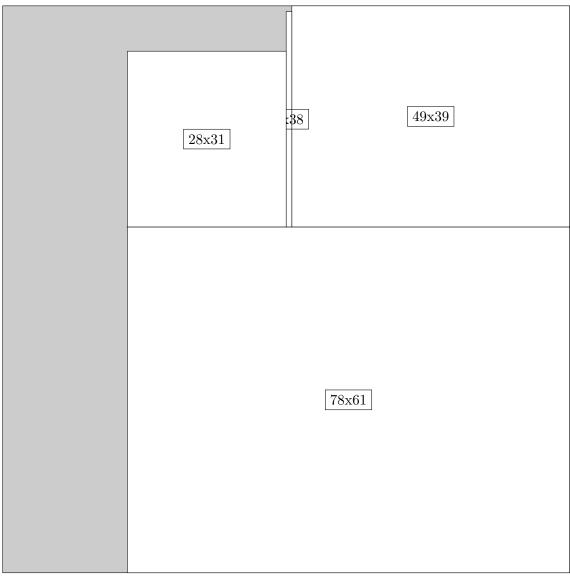
 $\le =70$, h=73 , x=30 , y=0 , v=5110



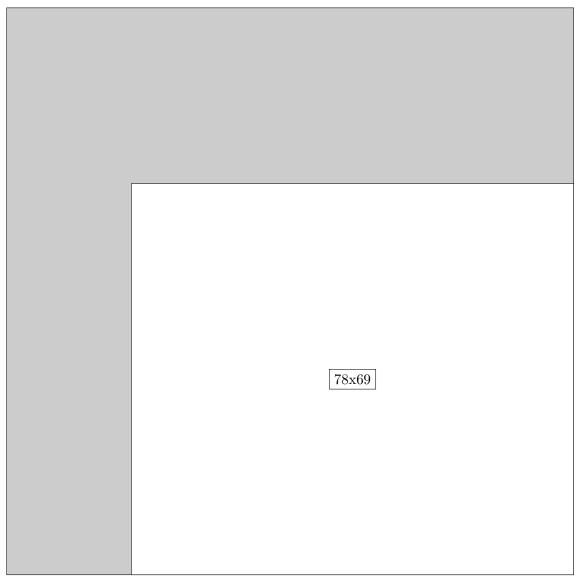
 $\le =80$, h=68 , x=20 , y=0 , v=5440



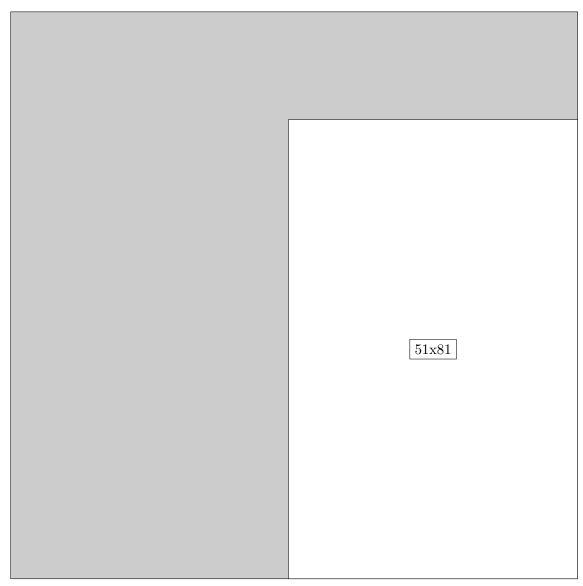
 $\le =57$, h =59 , x =43 , y =0 , v =3363



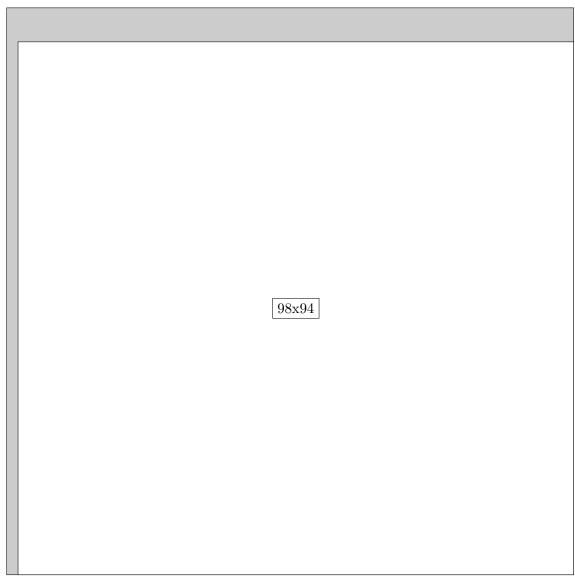
 $\begin{array}{l} w = \!\! 78 \ , \ h = \!\! 61 \ , \ x = \!\! 22 \ , \ y = \!\! 0 \ , \ v = \!\! 4758 \\ w = \!\! 49 \ , \ h = \!\! 39 \ , \ x = \!\! 51 \ , \ y = \!\! 61 \ , \ v = \!\! 1911 \\ w = \!\! 1 \ , \ h = \!\! 38 \ , \ x = \!\! 50 \ , \ y = \!\! 61 \ , \ v = \!\! 38 \\ w = \!\! 28 \ , \ h = \!\! 31 \ , \ x = \!\! 22 \ , \ y = \!\! 61 \ , \ v = \!\! 868 \end{array}$



 ≤ -78 , h =69 , x =22 , y =0 , v =5382



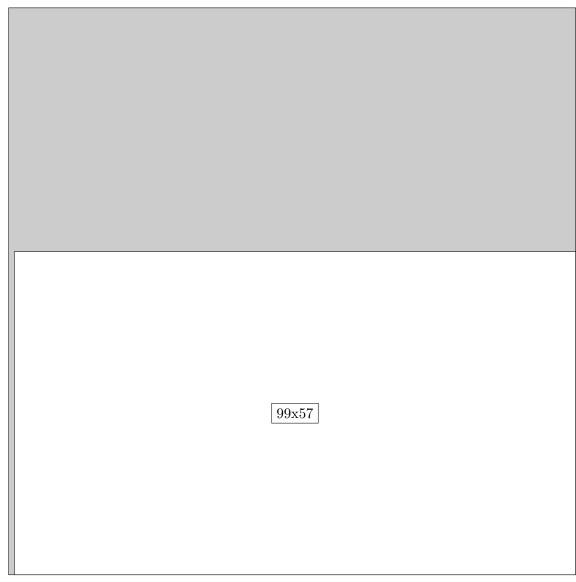
 $\le =51$, h =81 , x =49 , y =0 , v =4131



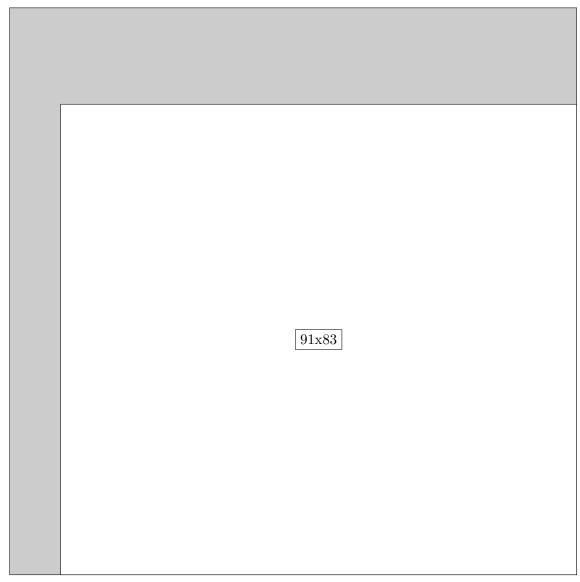
 $\le =98$, h =94 , x =2 , y =0 , v =9212



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



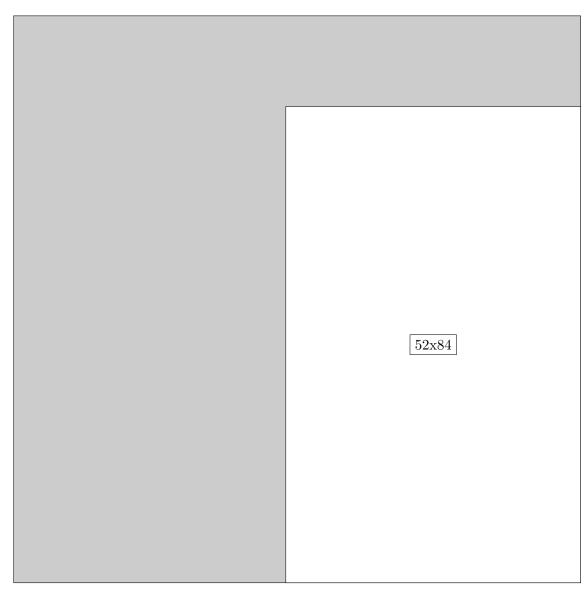
 $\le =99$, h =57 , x =1 , y =0 , v = 5643



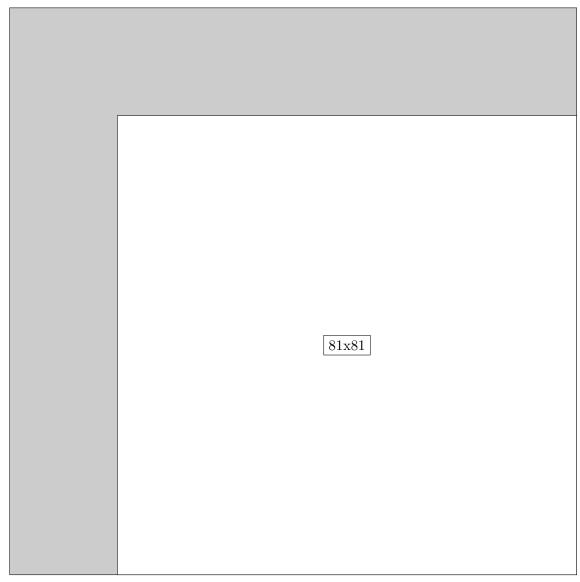
 $\le =91$, h =83 , x =9 , y =0 , v =7553



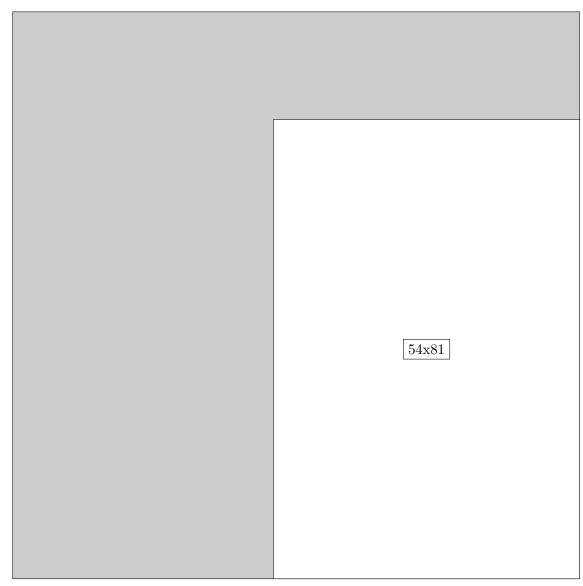
$$\begin{array}{l} w = \! 98 \ , \ h = \! 60 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 5880 \\ w = \! 91 \ , \ h = \! 36 \ , \ x = \! 9 \ , \ y = \! 60 \ , \ v = \! 3276 \end{array}$$



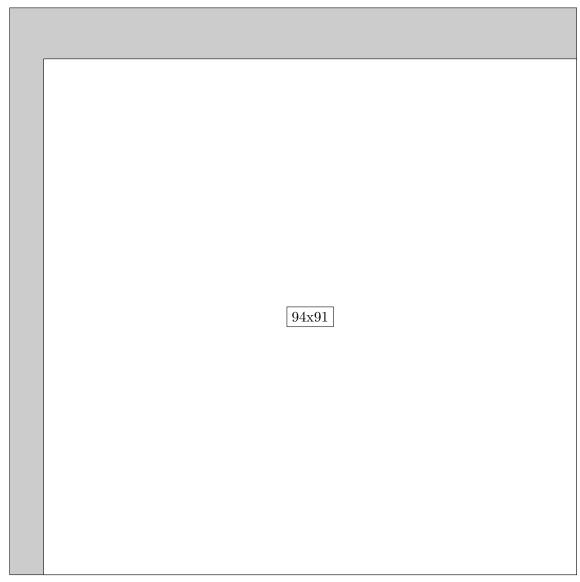
 $\le =52$, h =84 , x =48 , y =0 , v =4368



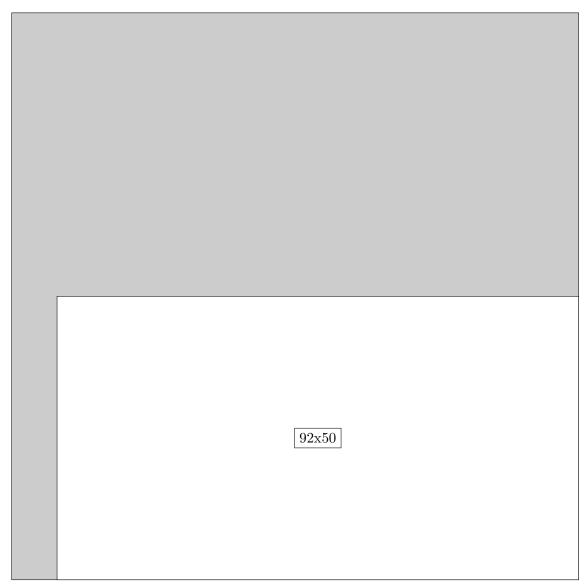
 $\le =81$, $h=\!81$, $x=\!19$, $y=\!0$, $v=\!6561$



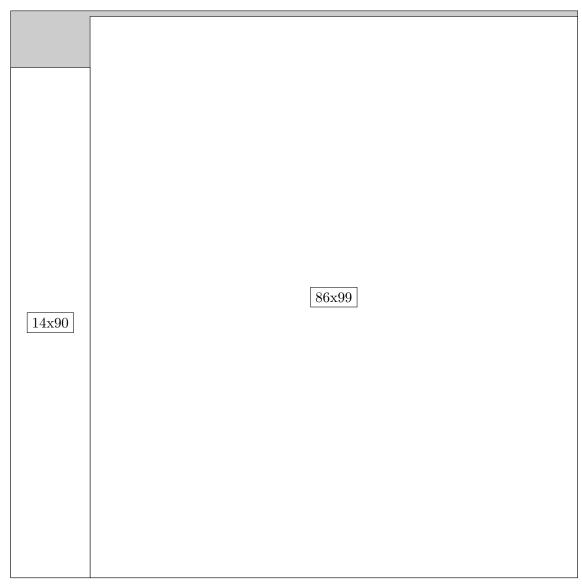
 $\le =54$, $h=\!81$, $x=\!46$, $y=\!0$, $v=\!4374$



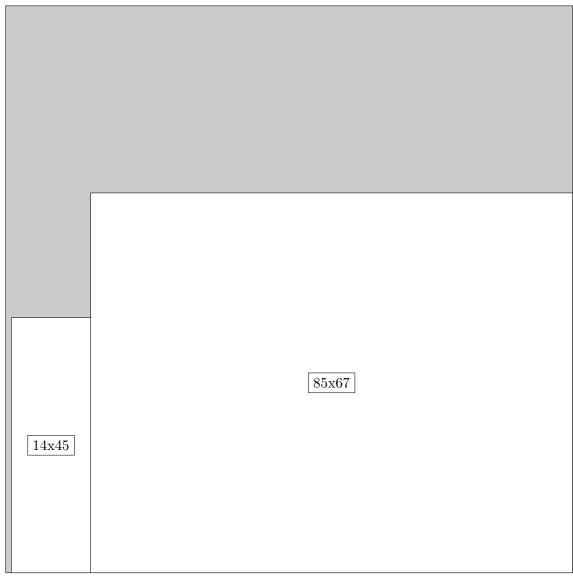
 $\le =94$, h =91 , x =6 , y =0 , v =8554



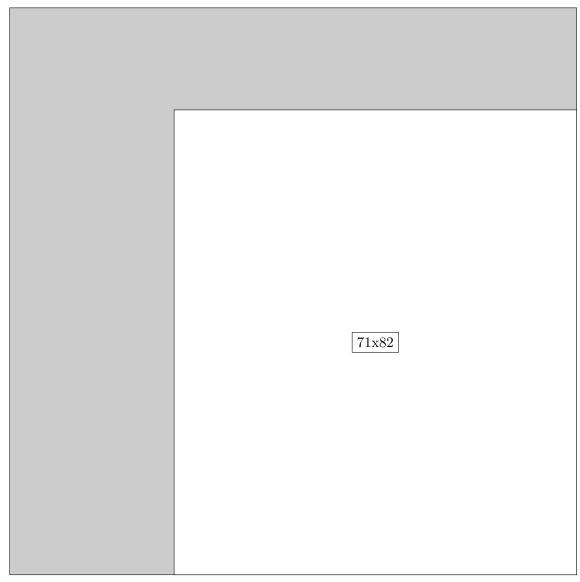
 $\le =92$, h =50 , x =8 , y =0 , v =4600



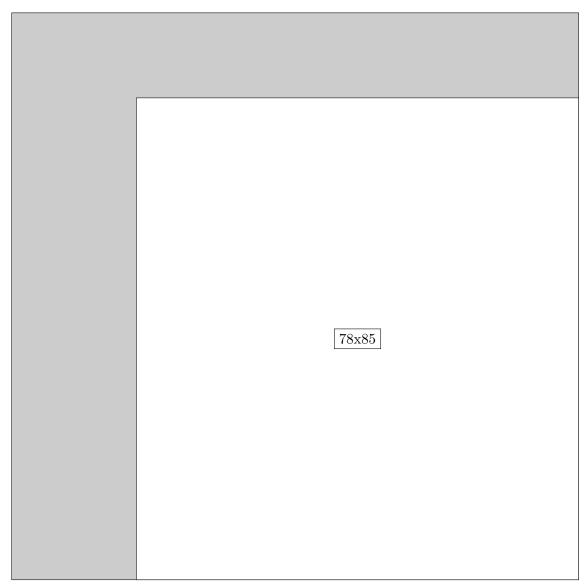
$$\begin{array}{l} w = \! 86 \ , \ h = \! 99 \ , \ x = \! 14 \ , \ y = \! 0 \ , \ v = \! 8514 \\ w = \! 14 \ , \ h = \! 90 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1260 \end{array}$$



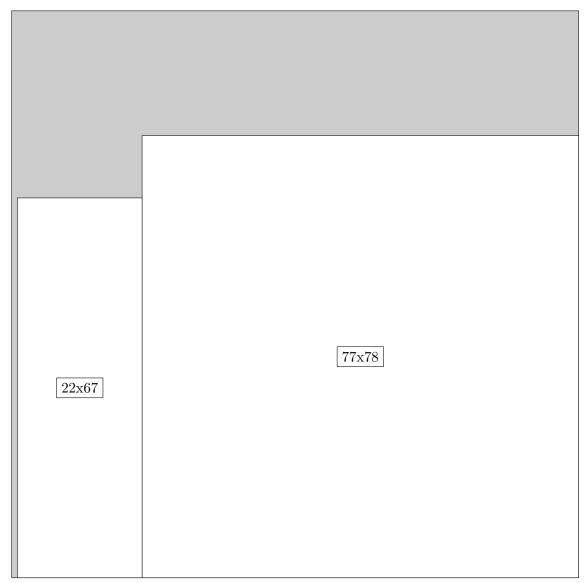
$$\begin{array}{l} w = \! 85 \ , \ h = \! 67 \ , \ x = \! 15 \ , \ y = \! 0 \ , \ v = \! 5695 \\ w = \! 14 \ , \ h = \! 45 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 630 \end{array}$$



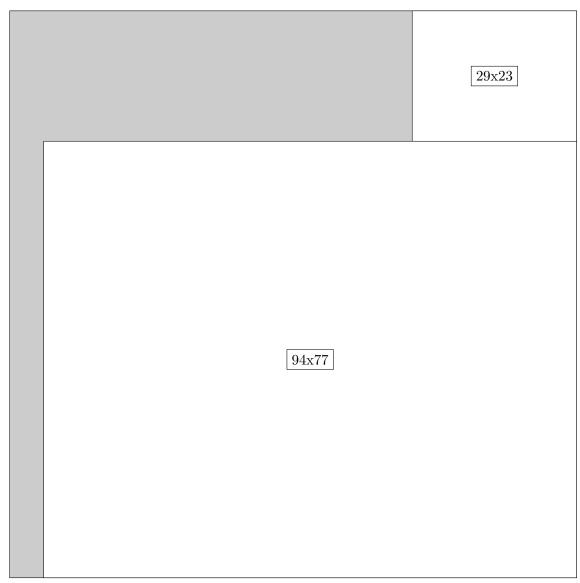
 $\le =71$, h =82 , x =29 , y =0 , v =5822



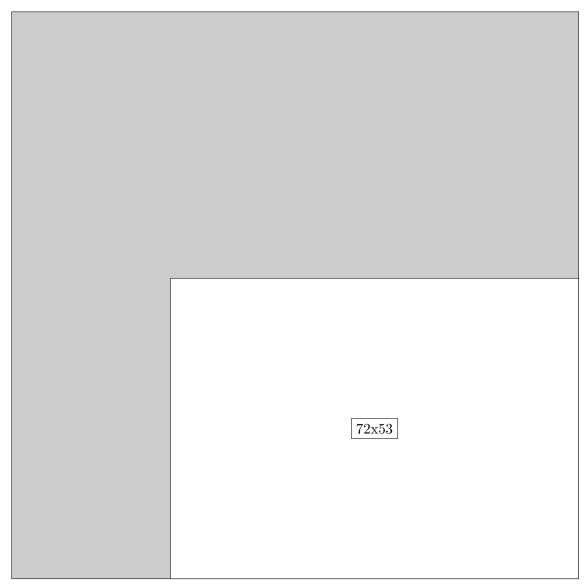
 $\le =78$, h =85 , x =22 , y =0 , v =6630



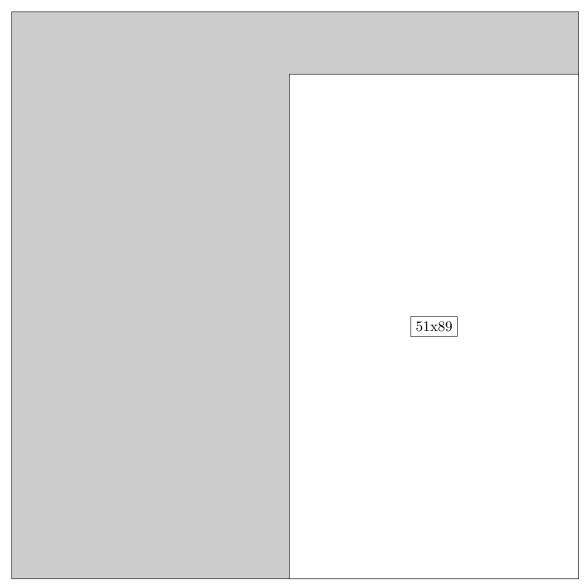
$$w$$
 =77 , h =78 , x =23 , y =0 , v =6006 w =22 , h =67 , x =1 , y =0 , v =1474



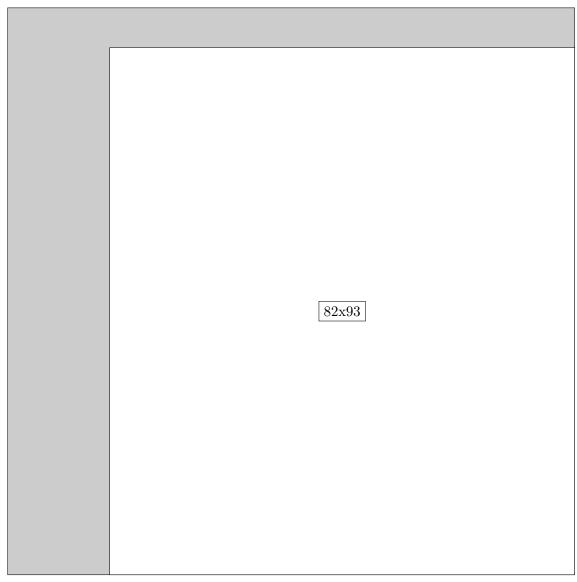
$$\begin{array}{l} w = \! 94 \ , \ h = \! 77 \ , \ x = \! 6 \ , \ y = \! 0 \ , \ v = \! 7238 \\ w = \! 29 \ , \ h = \! 23 \ , \ x = \! 71 \ , \ y = \! 77 \ , \ v = \! 667 \end{array}$$



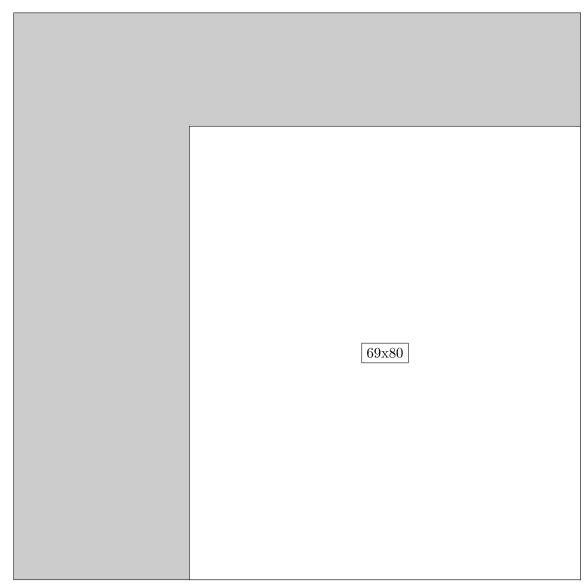
 $\le =72$, h =53 , x =28 , y =0 , v =3816



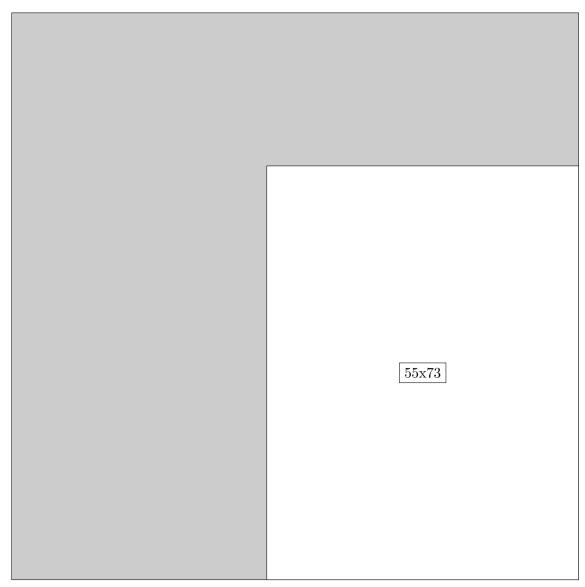
 $\le =51$, h =89 , x =49 , y =0 , v =4539



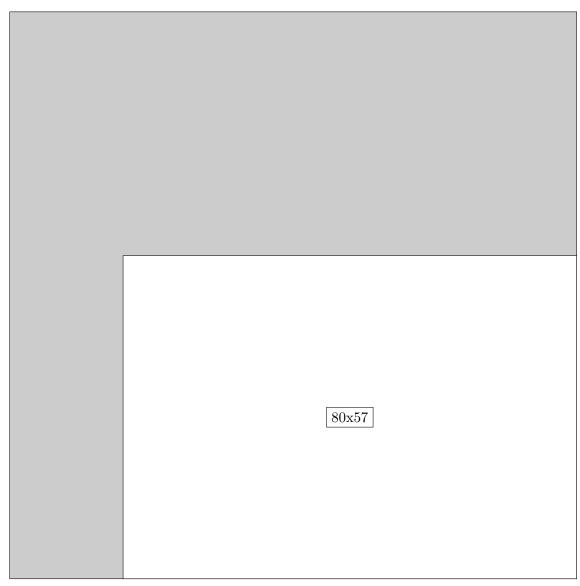
 $\le =82$, h =93 , x =18 , y =0 , v =7626



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

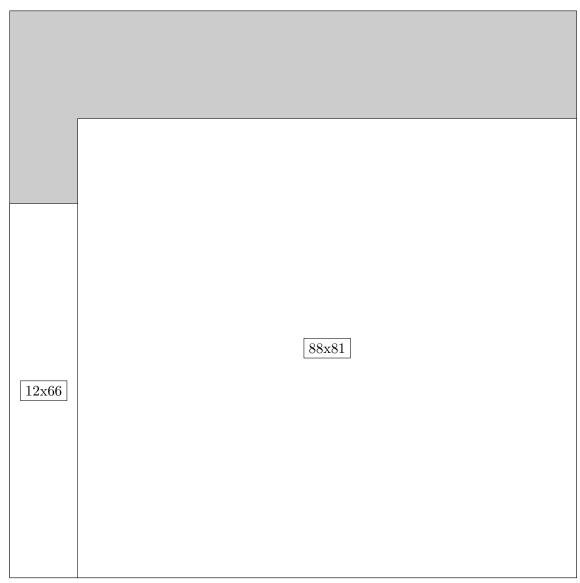


 $\le =55$, h =73 , x =45 , y =0 , v =4015

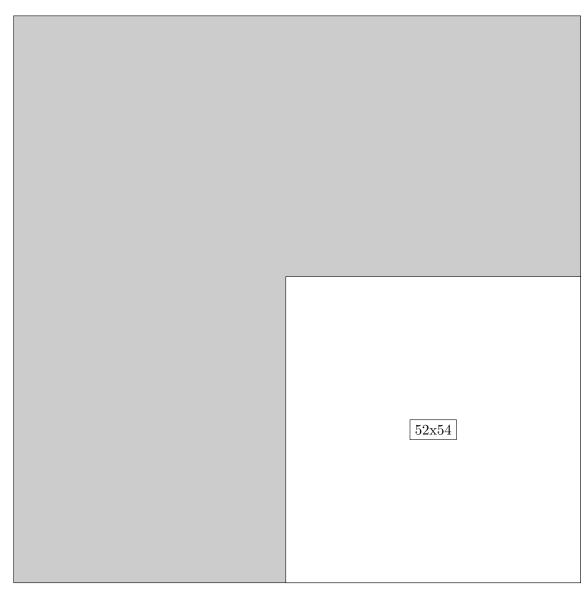


 $\le =80$, h =57 , x =20 , y =0 , v =4560

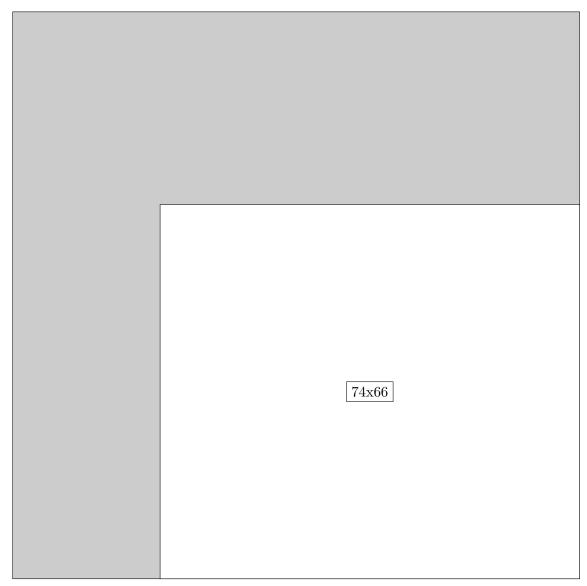




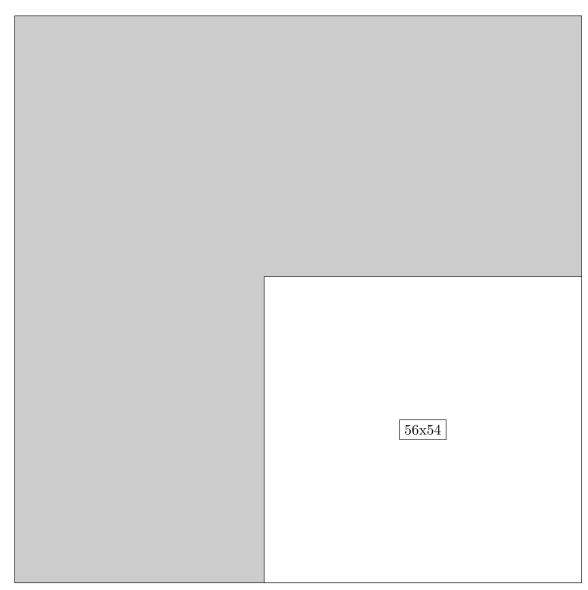
$$\begin{array}{l} w = \! 88 \ , \ h = \! 81 \ , \ x = \! 12 \ , \ y = \! 0 \ , \ v = \! 7128 \\ w = \! 12 \ , \ h = \! 66 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 792 \end{array}$$



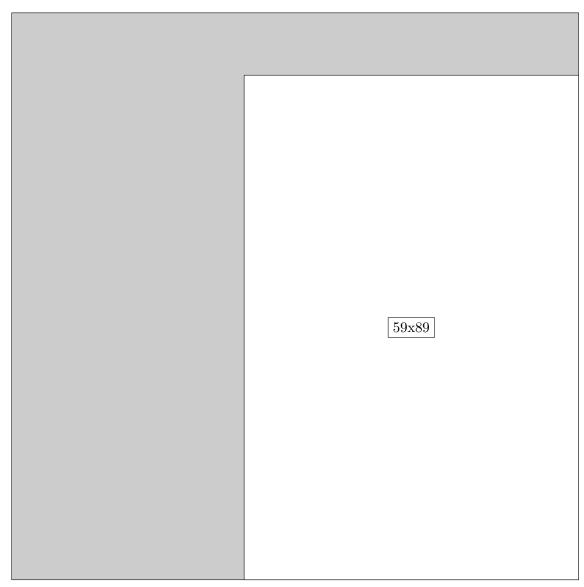
 ≤ 52 , h = 54 , x = 48 , y = 0 , v = 2808



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



 $\le =56$, h =54 , x =44 , y =0 , v =3024



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