$ClassName: \ Class_09.2bp-22$

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>460000</u> InS: <u>296526</u> Rate: <u>0.645</u> UB: <u>46</u> LB0: <u>46</u>

LB: $\underline{\mathbf{46}}$ LBWithCut: $\underline{\mathbf{46}}$ NodeCut: $\underline{\mathbf{0}}$

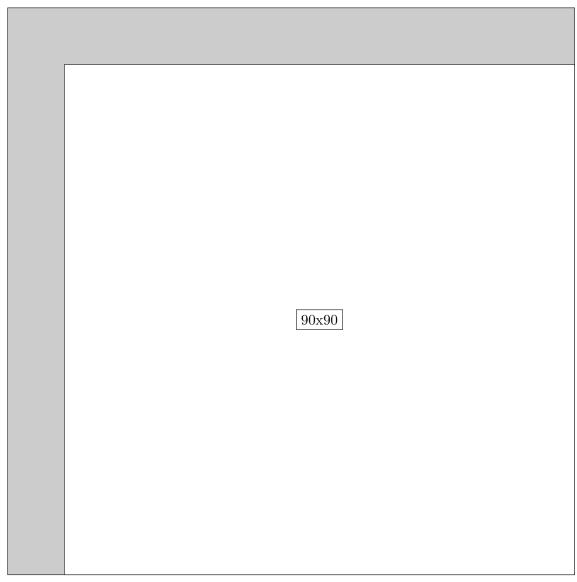
 $\operatorname{ExtendedNodeCnt}$: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{46}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

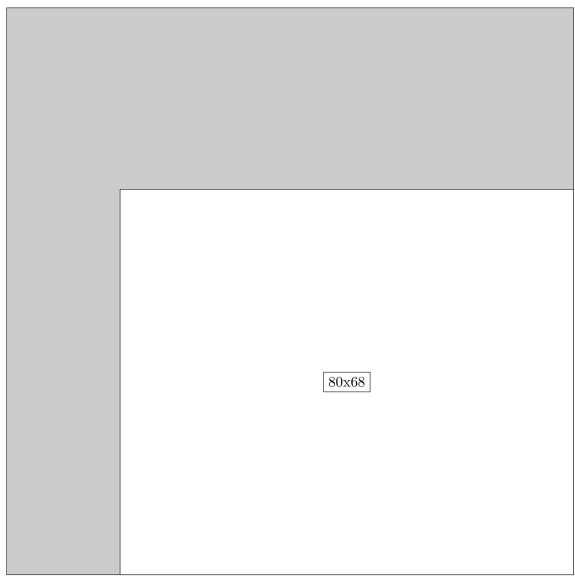
isOpt: $\underline{\mathbf{true}}$

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

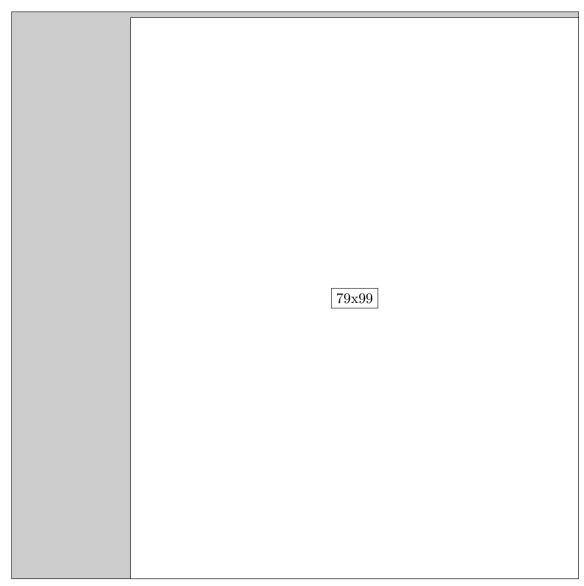
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.328 s



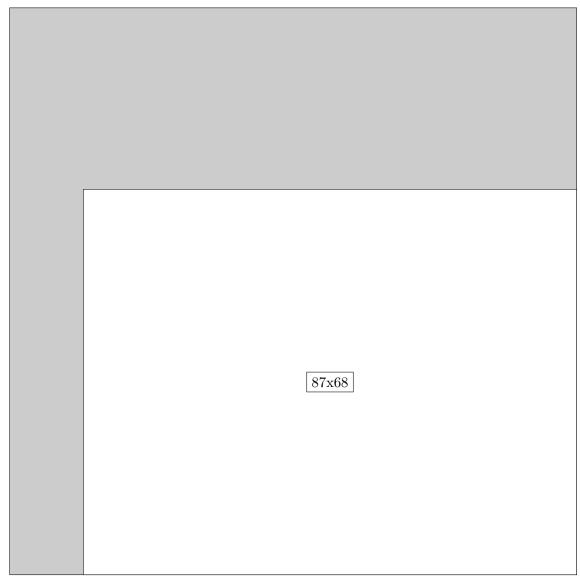
 $\le =90$, h=90 , $x=\!10$, $y=\!0$, $v=\!8100$



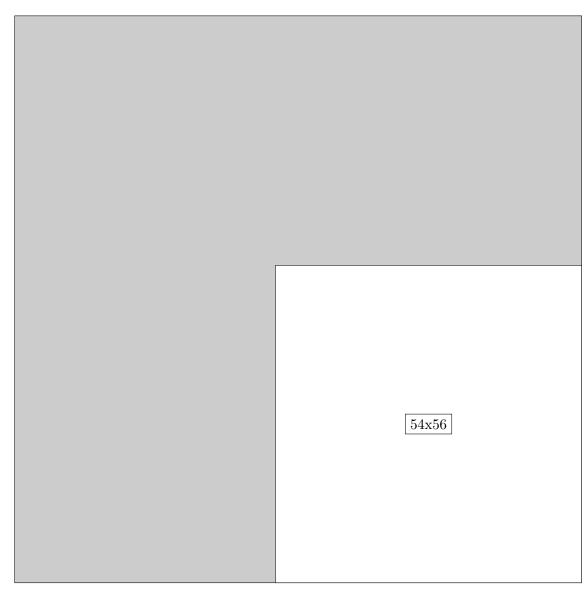
 $\le =80$, h=68 , x=20 , y=0 , v=5440



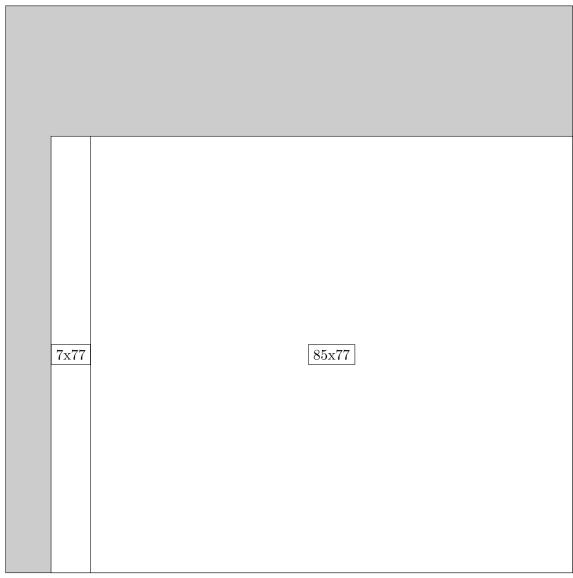
 $\le =79$, h =99 , x =21 , y =0 , v =7821



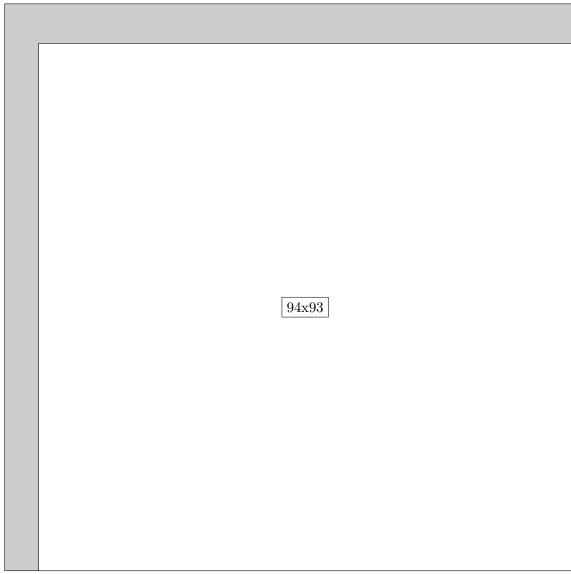
 $\le =87$, h =68 , x =13 , y =0 , v =5916



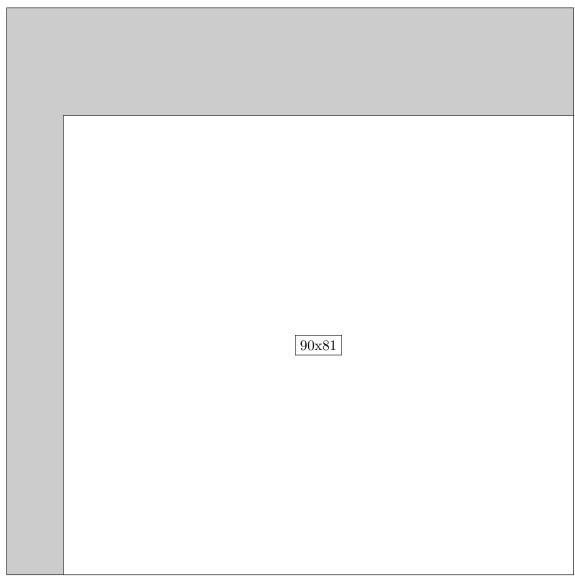
 $\le =54$, h=56 , x=46 , y=0 , v=3024



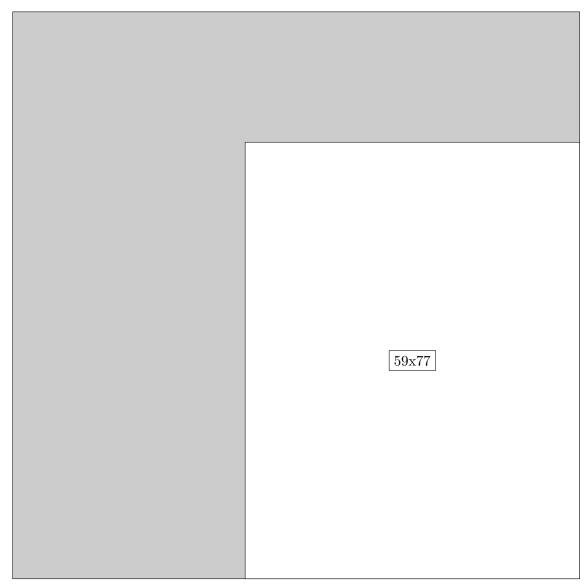
 $\begin{array}{l} w = \! 85 \ , \ h = \! 77 \ , \ x = \! 15 \ , \ y = \! 0 \ , \ v = \! 6545 \\ w = \! 7 \ , \ h = \! 77 \ , \ x = \! 8 \ , \ y = \! 0 \ , \ v = \! 539 \end{array}$



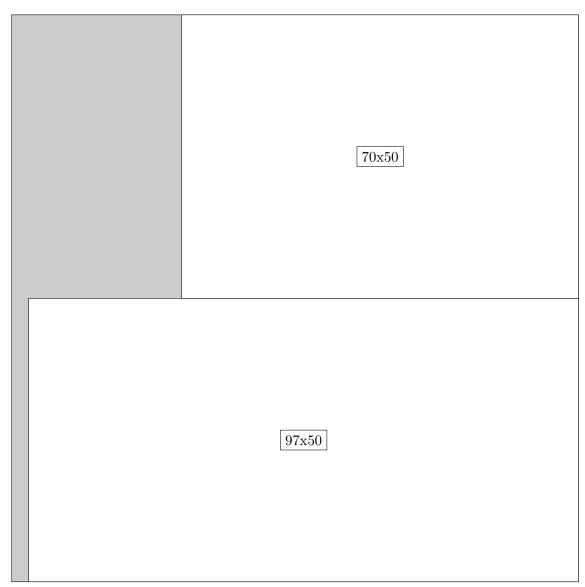
 $\le =94$, h =93 , x =6 , y =0 , v =8742



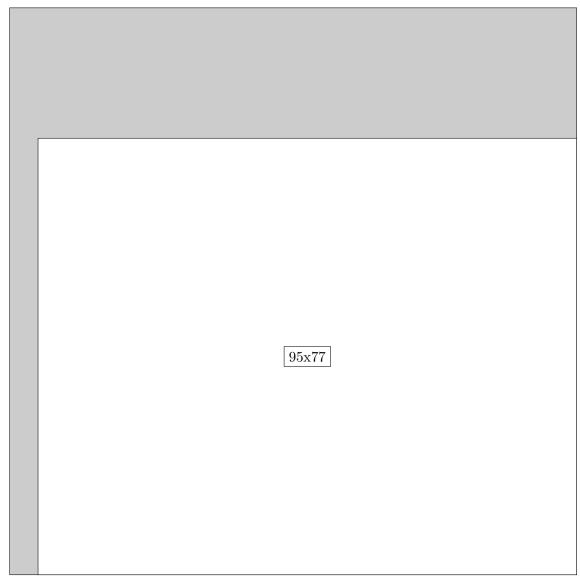
 $\le =90$, h =81 , x =10 , y =0 , v =7290



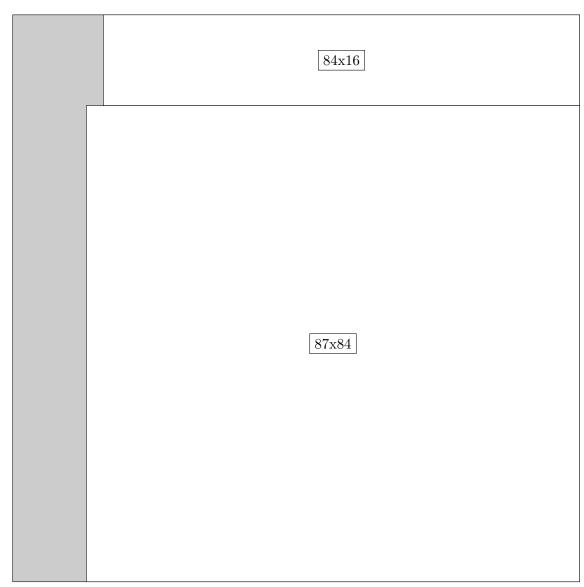
 $\le =59$, h =77 , x =41 , y =0 , v =4543



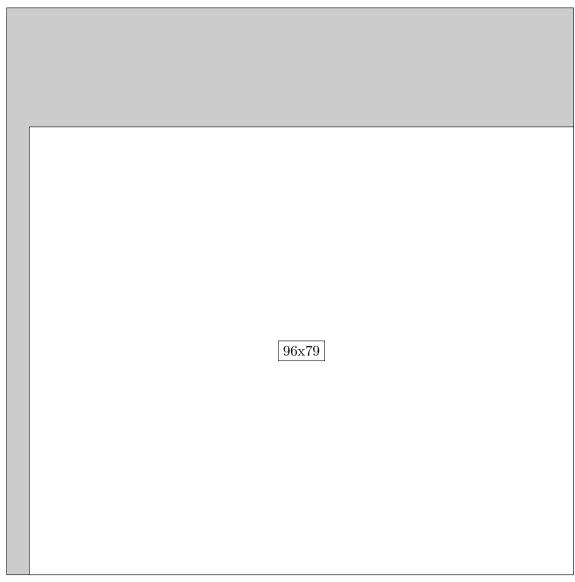
$$\begin{array}{c} w = \! 97 \; , \; h = \! 50 \; , \; x = \! 3 \; , \; y = \! 0 \; , \; v = \! 4850 \\ w = \! 70 \; , \; h = \! 50 \; , \; x = \! 30 \; , \; y = \! 50 \; , \; v = \! 3500 \\ \end{array}$$



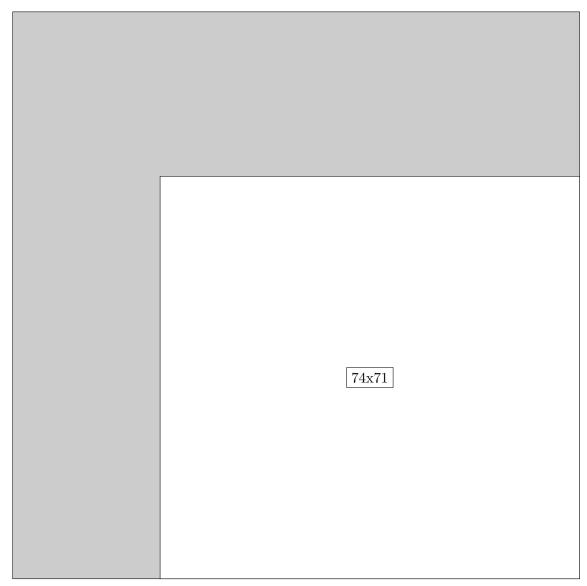
 $\le =95$, ==77 , ==5 , ==7315



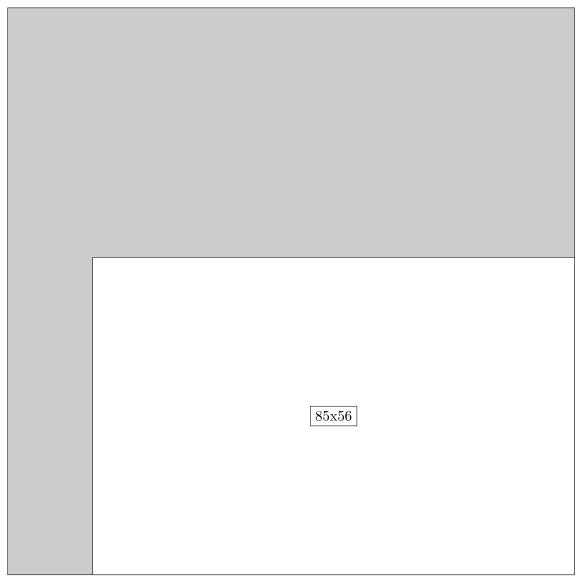
$$\begin{array}{l} w = \! 87 \; , \; h = \! 84 \; , \; x = \! 13 \; , \; y = \! 0 \; , \; v = \! 7308 \\ w = \! 84 \; , \; h = \! 16 \; , \; x = \! 16 \; , \; y = \! 84 \; , \; v = \! 1344 \end{array}$$



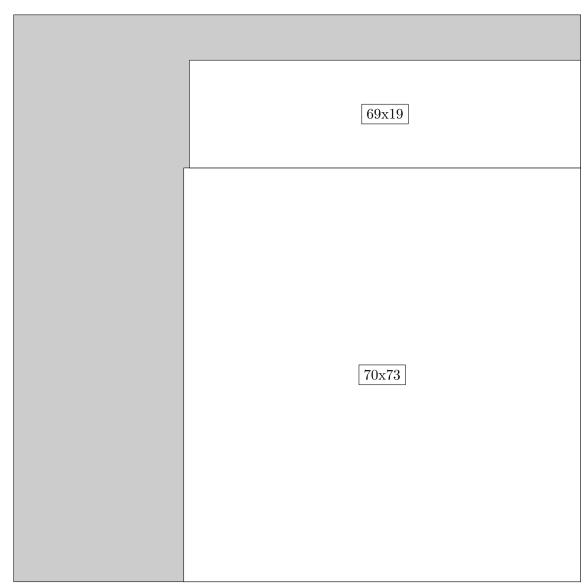
 $\le =96$, h =79 , x =4 , y =0 , v =7584



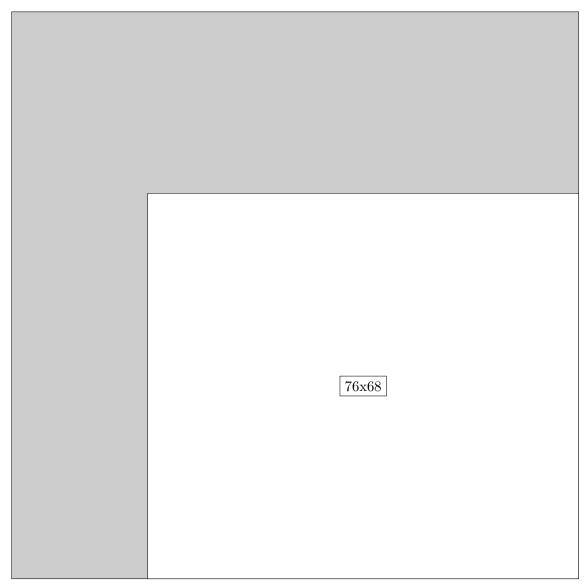
 $\le =74$, h =71 , x =26 , y =0 , v =5254



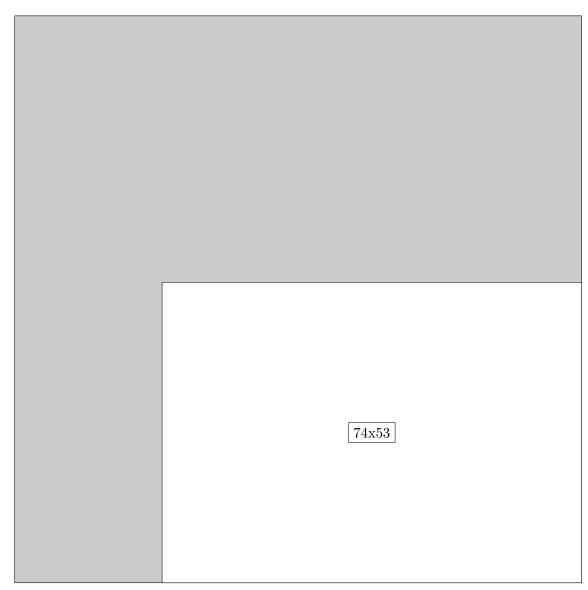
 $\le =85$, h = 56 , x = 15 , y = 0 , v = 4760



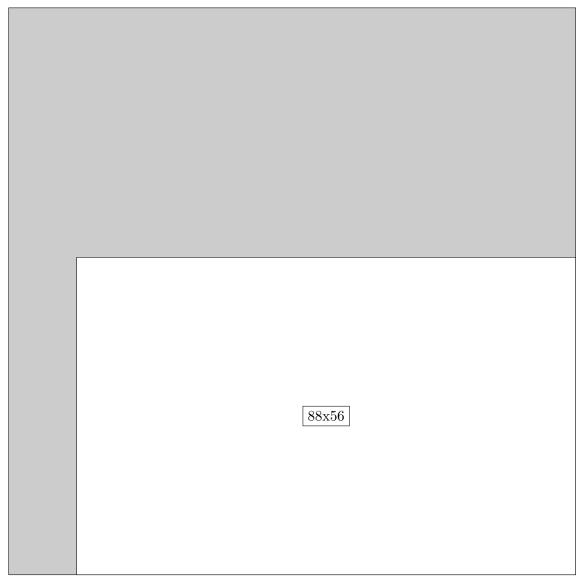
$$\begin{array}{l} w = \! 70 \ , \, h = \! 73 \ , \, x = \! 30 \ , \, y = \! 0 \ , \, v = \! 5110 \\ w = \! 69 \ , \, h = \! 19 \ , \, x = \! 31 \ , \, y = \! 73 \ , \, v = \! 1311 \end{array}$$



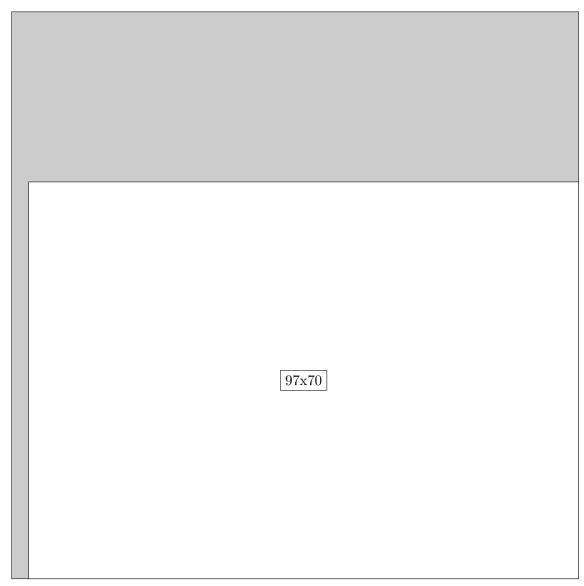
 $\le =76$, h =68 , x =24 , y =0 , v =5168



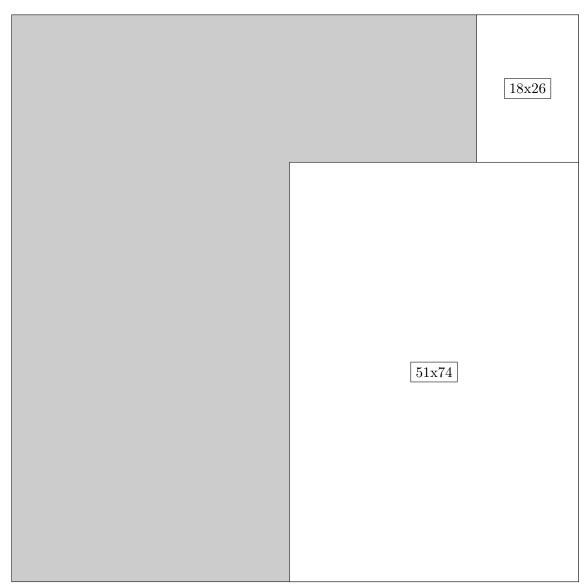
 $\le =74$, h =53 , x =26 , y =0 , v =3922



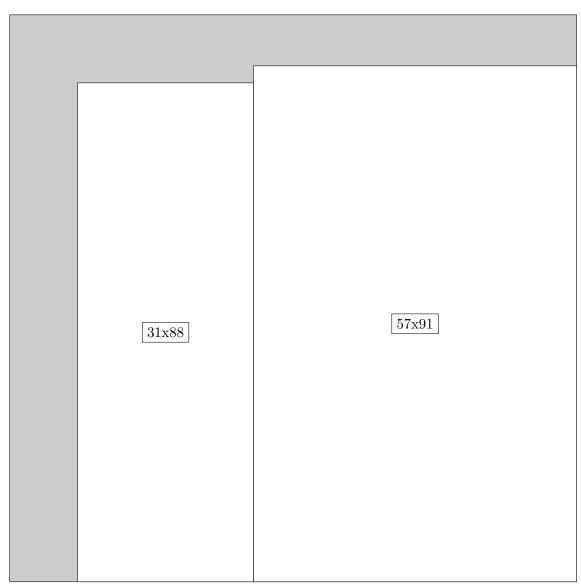
 $\le =88$, h = 56 , x = 12 , y = 0 , v = 4928



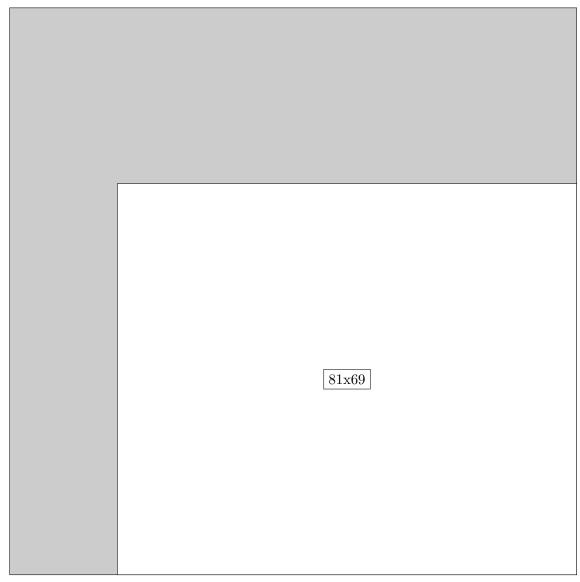
 $\le =97$, h =70 , x =3 , y =0 , v =6790



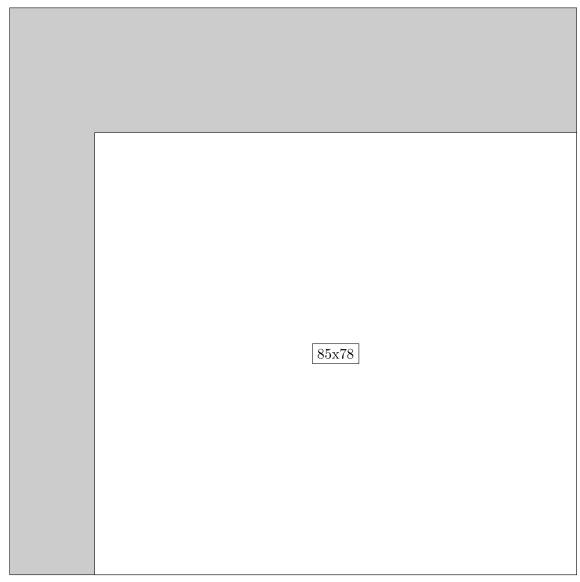
 $\begin{array}{l} w = \! 51 \ , \ h = \! 74 \ , \ x = \! 49 \ , \ y = \! 0 \ , \ v = \! 3774 \\ w = \! 18 \ , \ h = \! 26 \ , \ x = \! 82 \ , \ y = \! 74 \ , \ v = \! 468 \end{array}$



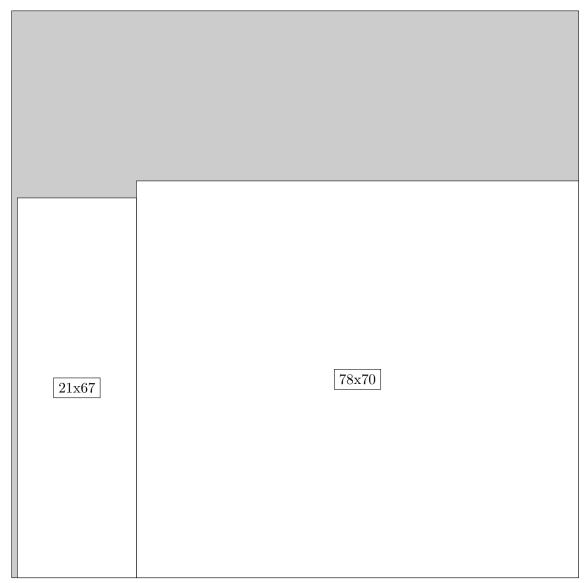
$$\begin{array}{l} w = \! 57 \ , \ h = \! 91 \ , \ x = \! 43 \ , \ y = \! 0 \ , \ v = \! 5187 \\ w = \! 31 \ , \ h = \! 88 \ , \ x = \! 12 \ , \ y = \! 0 \ , \ v = \! 2728 \end{array}$$



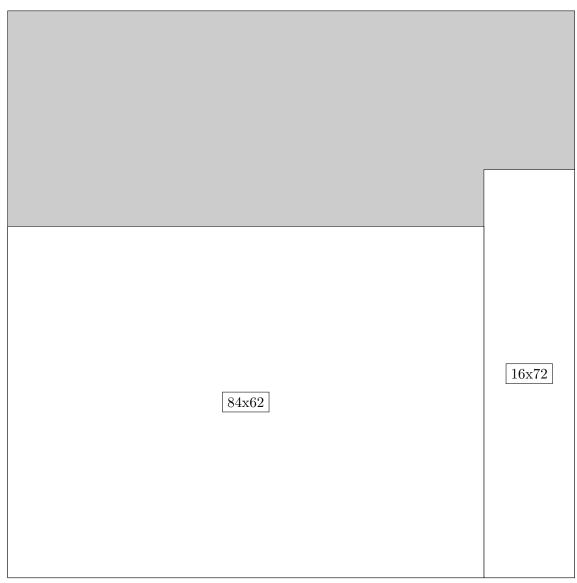
 $\le =81$, h=69 , x=19 , y=0 , v=5589

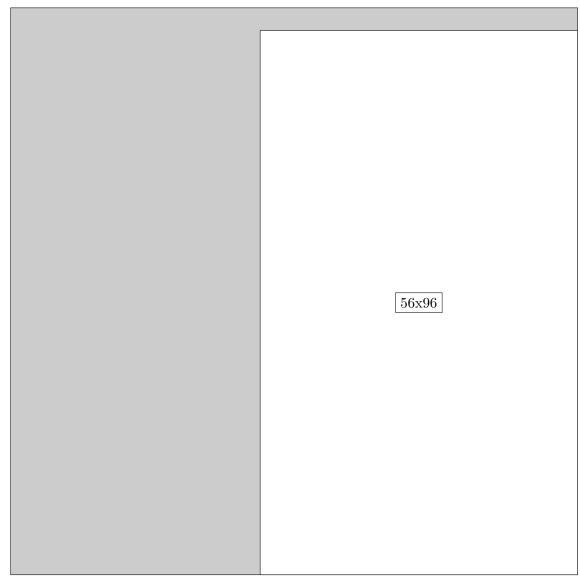


 $\le =85$, h =78 , x =15 , y =0 , v =6630

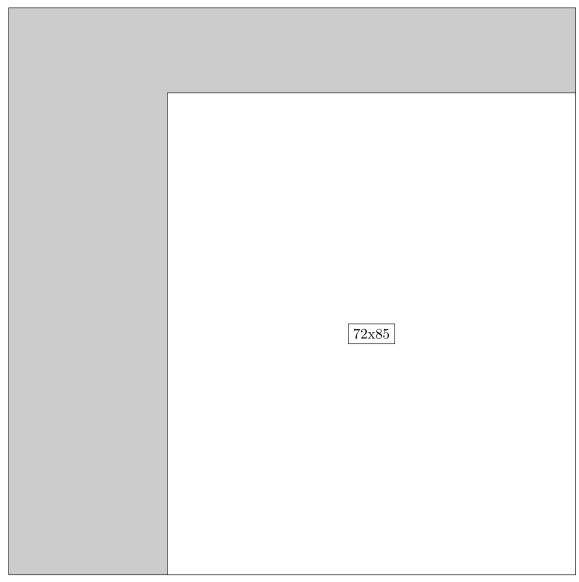


$$\begin{array}{l} w = \!\! 78 \ , \ h = \!\! 70 \ , \ x = \!\! 22 \ , \ y = \!\! 0 \ , \ v = \!\! 5460 \\ w = \!\! 21 \ , \ h = \!\! 67 \ , \ x = \!\! 1 \ , \ y = \!\! 0 \ , \ v = \!\! 1407 \end{array}$$

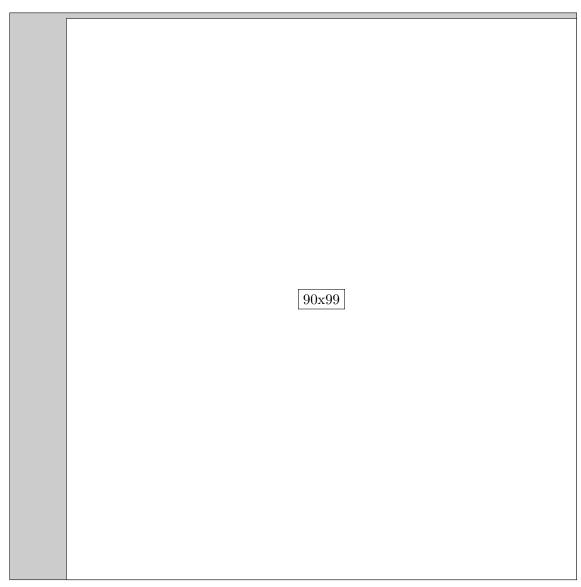




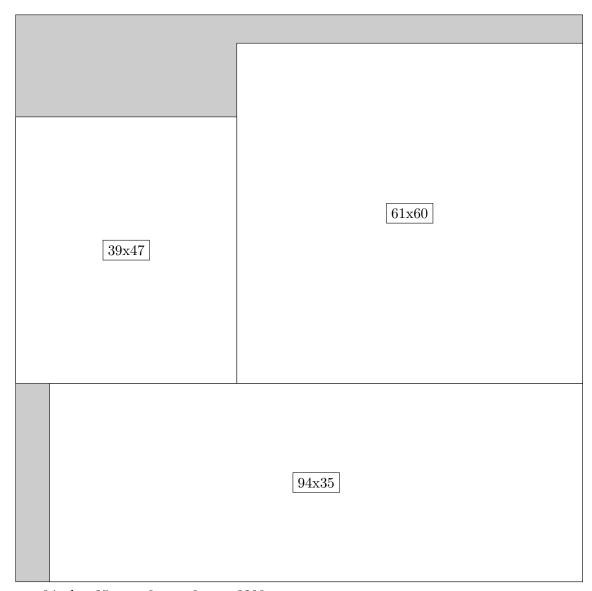
 $\le =56$, h=96 , x=44 , y=0 , v=5376



 $\le =72$, h =85 , x =28 , y =0 , v =6120



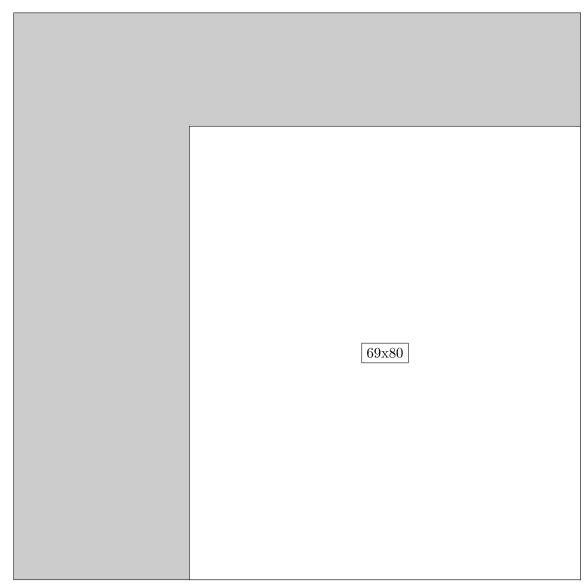
 $\le =90$, h =99 , x =10 , y =0 , v =8910



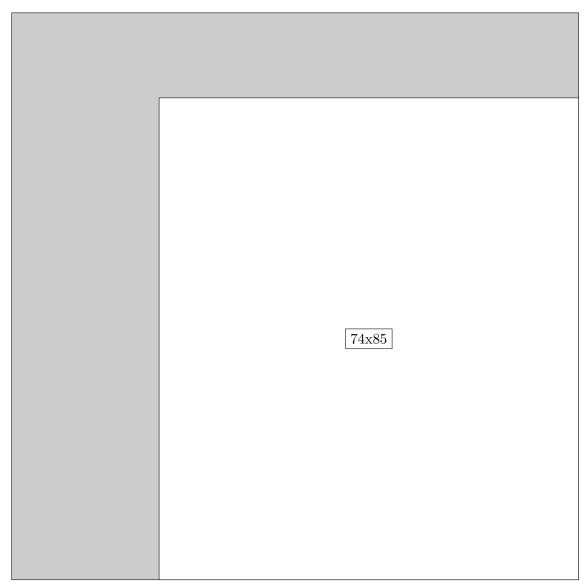
$$\le =94$$
 , h =35 , x =6 , y =0 , v =3290

$$\mathbf{w}$$
 =61 , h =60 , x =39 , y =35 , v =3660

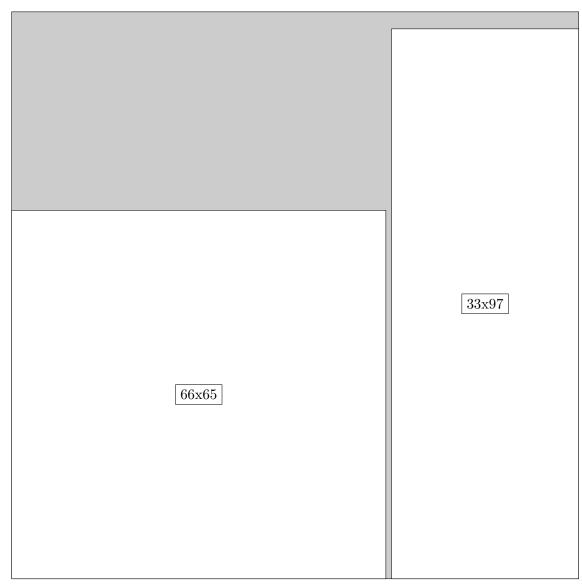
$$\le =39$$
 , h =47 , x =0 , y =35 , v =1833



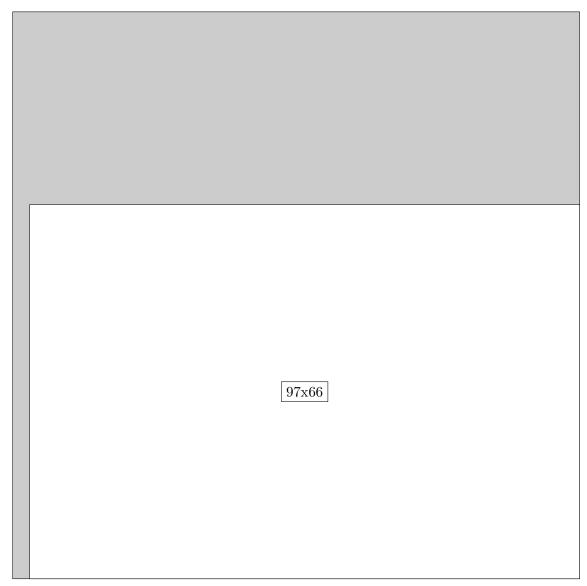
 $\le =69$, h =80 , x =31 , y =0 , v =5520



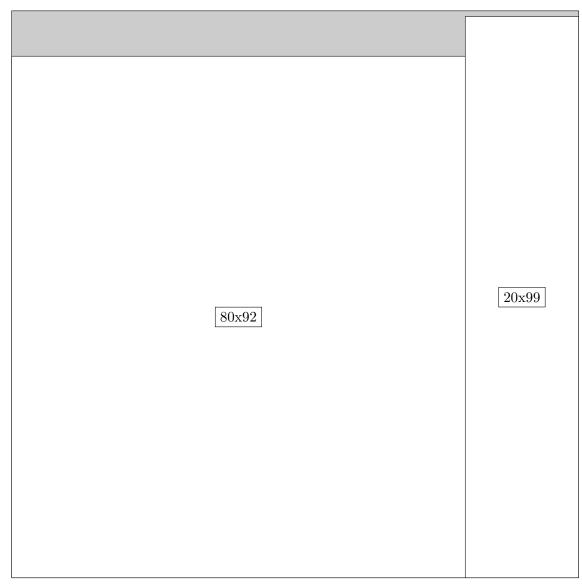
 $\le =74$, h =85 , x =26 , y =0 , v =6290

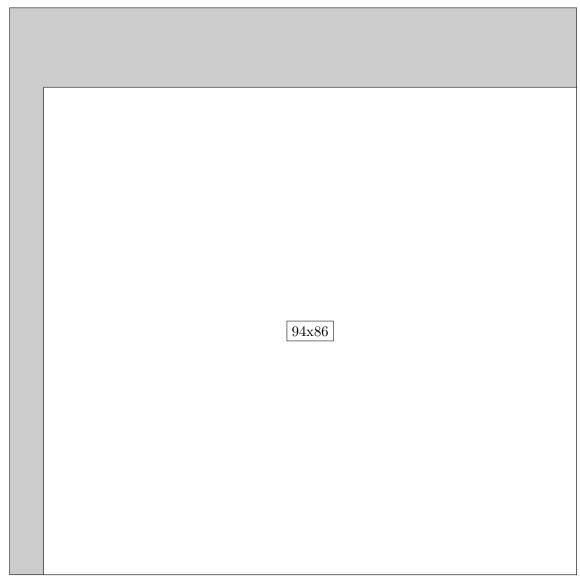


$$\begin{array}{c} w = \! 33 \; , \; h = \! 97 \; , \; x = \! 67 \; , \; y = \! 0 \; , \; v = \! 3201 \\ w = \! 66 \; , \; h = \! 65 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 4290 \\ \end{array}$$

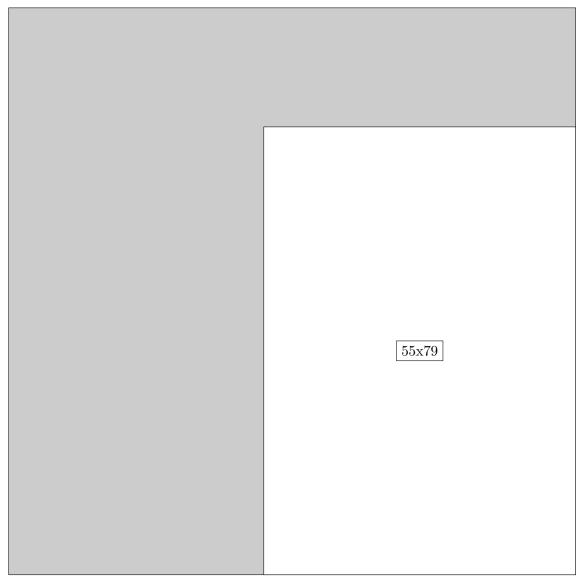


 ≤ -97 , h =66 , x =3 , y =0 , v =6402

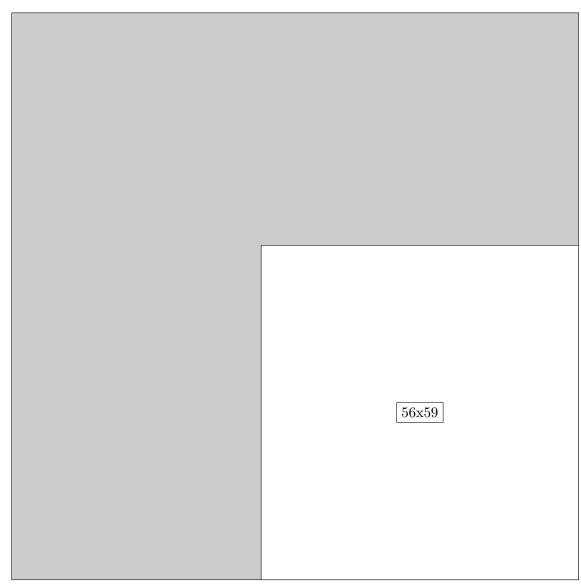




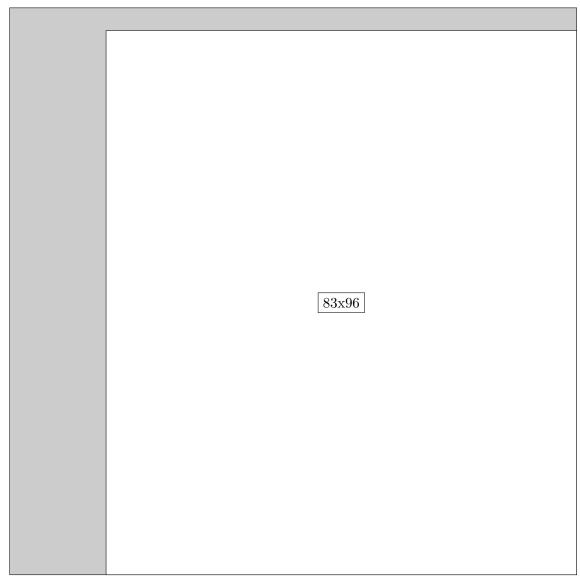
 $\le =94$, h =86 , x =6 , y =0 , v =8084



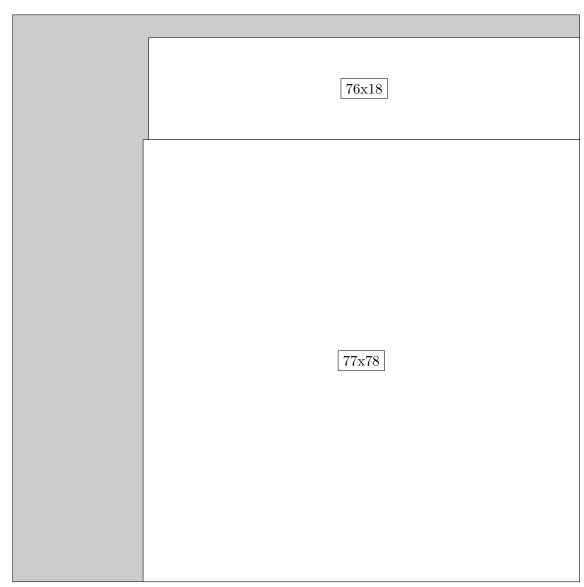
 $\le =55$, h =79 , x =45 , y =0 , v =4345



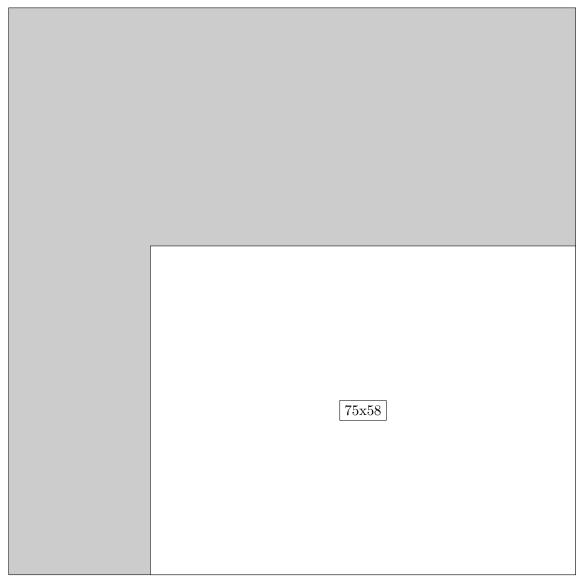
 $\le =56$, h =59 , x =44 , y =0 , v =3304



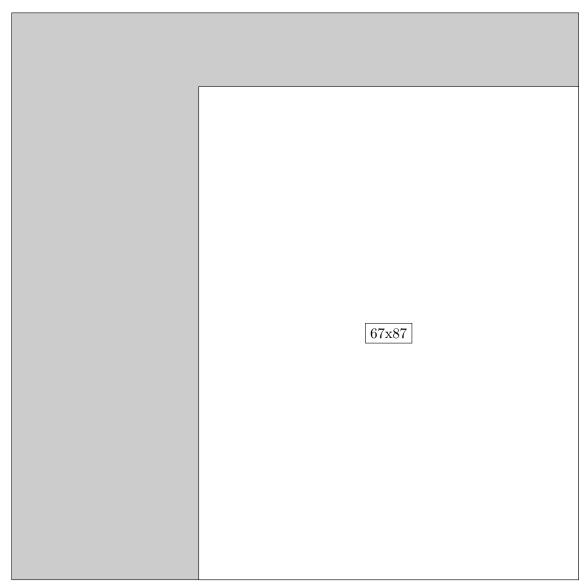
 $\le =83$, h =96 , x =17 , y =0 , v =7968



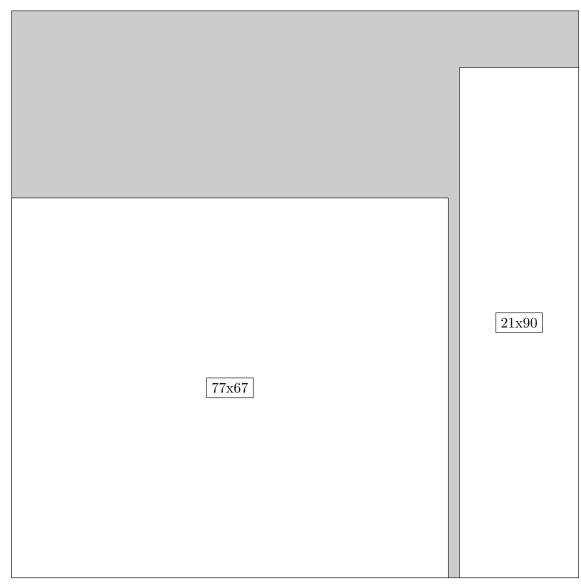
$$\begin{array}{l} w = \! 77 \ , \ h = \! 78 \ , \ x = \! 23 \ , \ y = \! 0 \ , \ v = \! 6006 \\ w = \! 76 \ , \ h = \! 18 \ , \ x = \! 24 \ , \ y = \! 78 \ , \ v = \! 1368 \end{array}$$

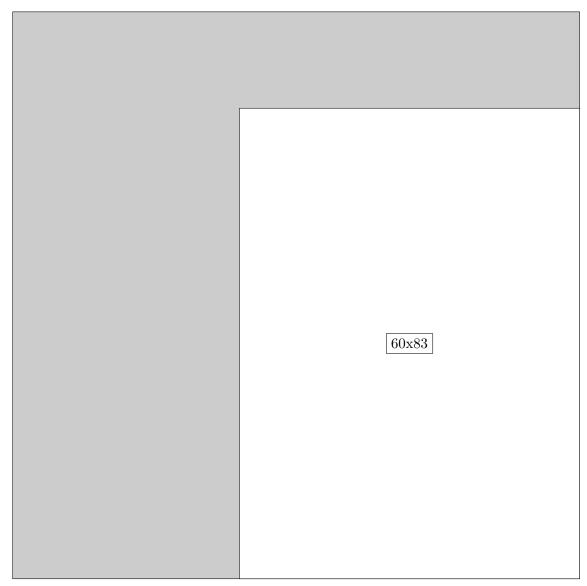


 $\le =75$, h =58 , x =25 , y =0 , v =4350

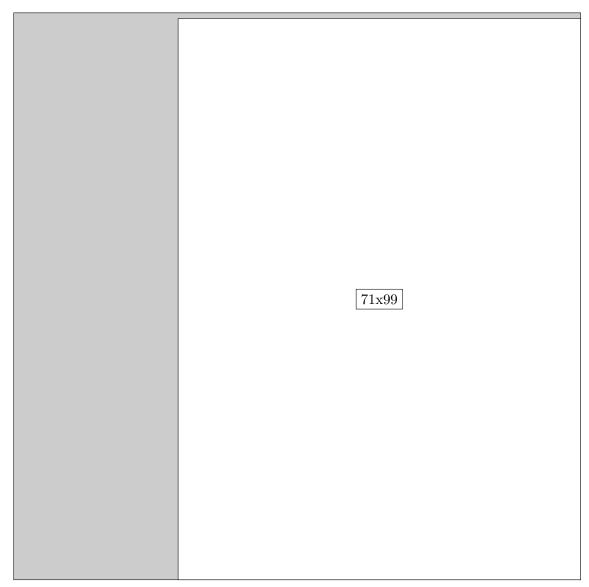


 $\le =67$, h =87 , x =33 , y =0 , v =5829

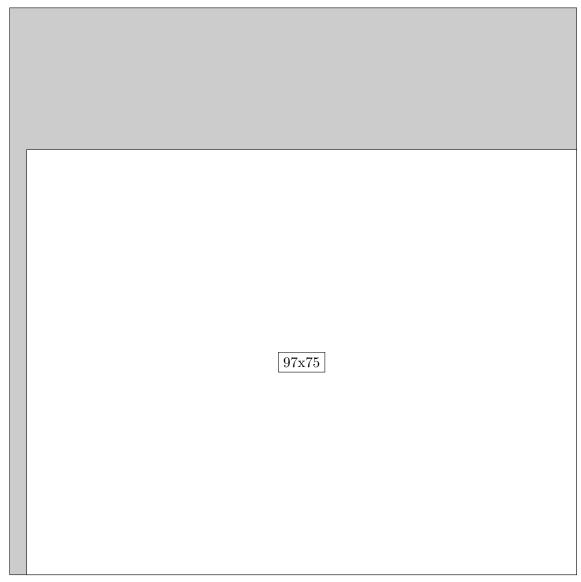




 $\le =60$, h =83 , x =40 , y =0 , v =4980



 $\le =71$, h =99 , x =29 , y =0 , v =7029



 $\le =97$, h =75 , x =3 , y =0 , v =7275