$ClassName: \ Class_09.2bp-46$

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

TypeNum: <u>100</u> Num: <u>100</u> OutS: <u>660000</u> InS: <u>415667</u> Rate: <u>0.630</u> UB: <u>66</u> LB0: <u>66</u>

LB: $\underline{\mathbf{66}}$ LBWithCut: $\underline{\mathbf{66}}$ NodeCut: $\underline{\mathbf{0}}$

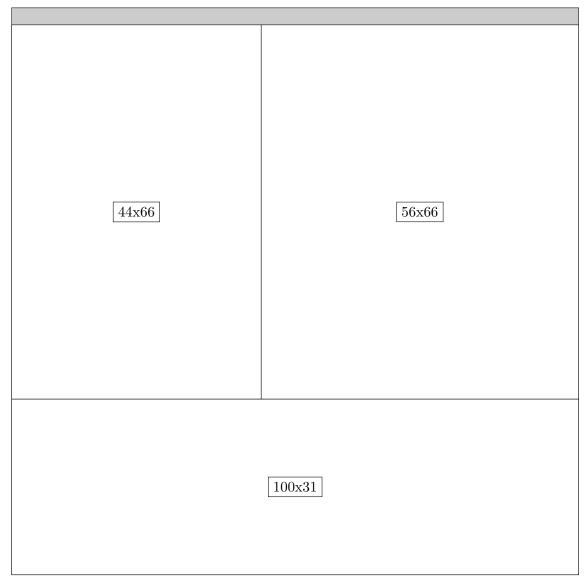
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{66}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

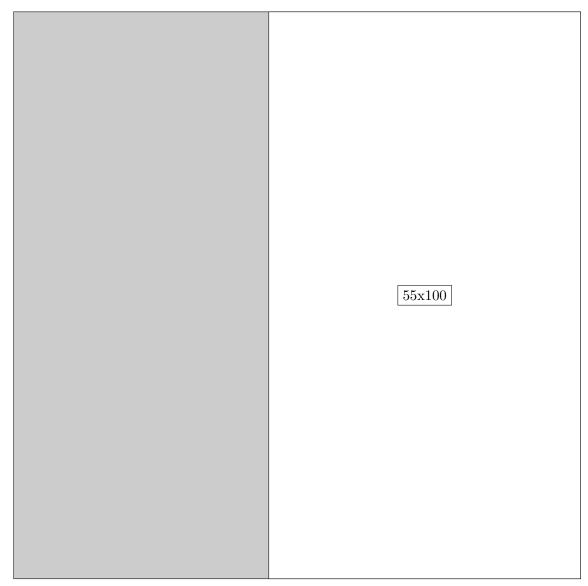
isOpt: $\underline{\mathbf{true}}$

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

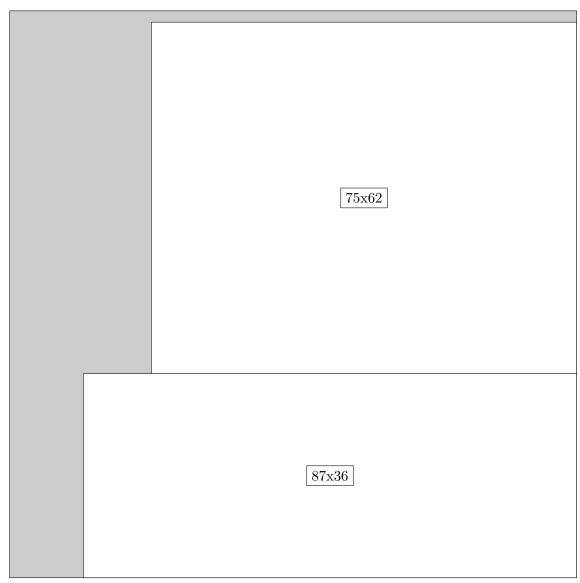
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.359 s



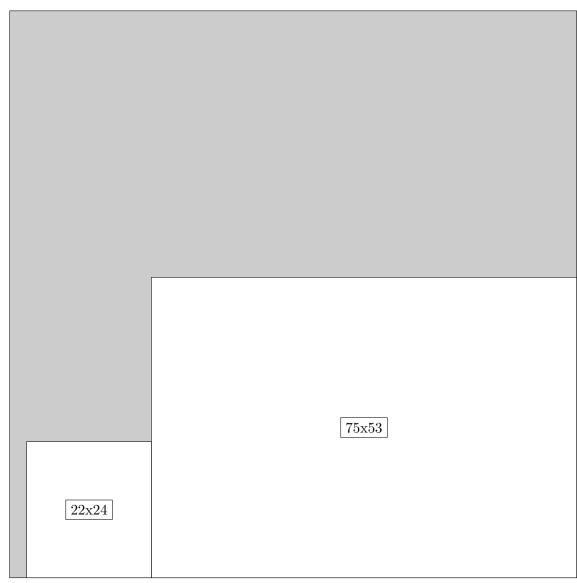
 $\begin{array}{l} w = \! 100 \; , \; h = \! 31 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 3100 \\ w = \! 56 \; , \; h = \! 66 \; , \; x = \! 44 \; , \; y = \! 31 \; , \; v = \! 3696 \\ w = \! 44 \; , \; h = \! 66 \; , \; x = \! 0 \; , \; y = \! 31 \; , \; v = \! 2904 \end{array}$



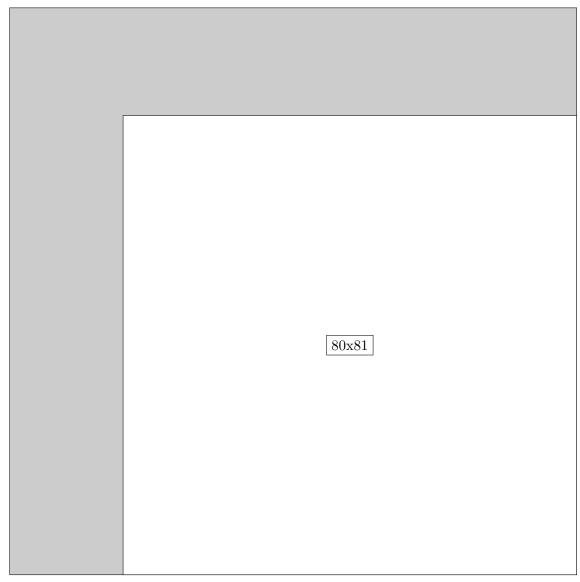
 $\le =55$, h =100 , x =45 , y =0 , v =5500



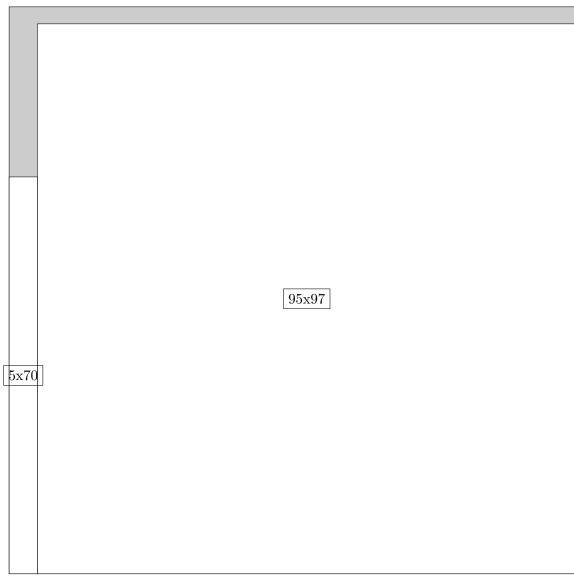
$$\begin{array}{l} w = \! 87 \; , \; h = \! 36 \; , \; x = \! 13 \; , \; y = \! 0 \; , \; v = \! 3132 \\ w = \! 75 \; , \; h = \! 62 \; , \; x = \! 25 \; , \; y = \! 36 \; , \; v = \! 4650 \\ \end{array}$$



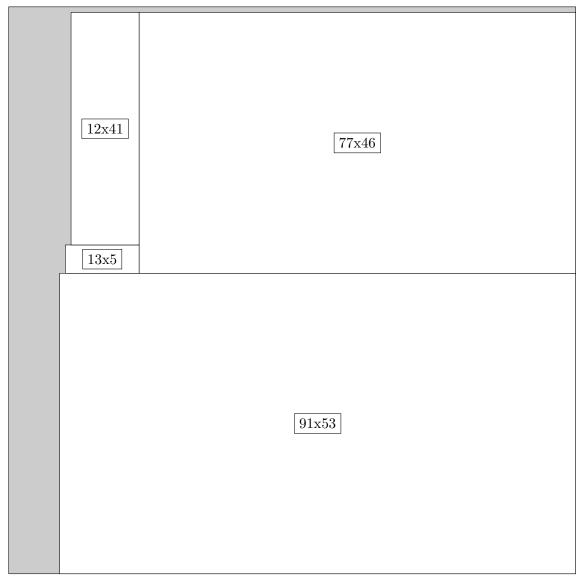
$$\begin{array}{l} w = \! 75 \ , \ h = \! 53 \ , \ x = \! 25 \ , \ y = \! 0 \ , \ v = \! 3975 \\ w = \! 22 \ , \ h = \! 24 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 528 \end{array}$$



 $\le =80$, h =81 , x =20 , y =0 , v =6480



 $\begin{array}{l} w = \! 95 \ , \, h = \! 97 \ , \, x = \! 5 \ , \, y = \! 0 \ , \, v = \! 9215 \\ w = \! 5 \ , \, h = \! 70 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 350 \end{array}$

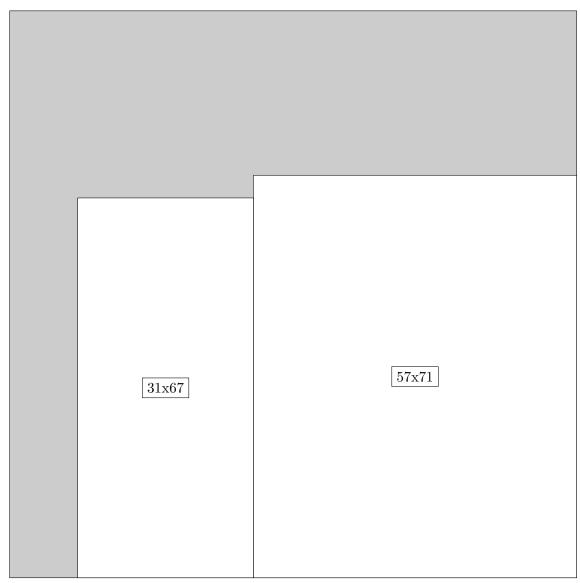


$$\le =91$$
 , h =53 , x =9 , y =0 , v =4823

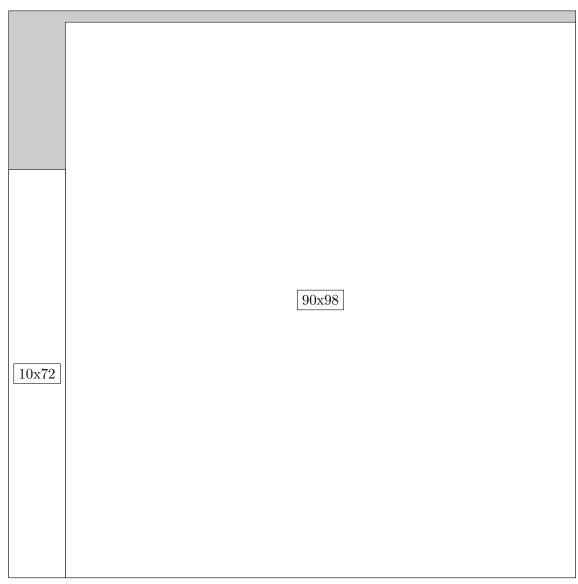
$$w$$
 =77 , h =46 , x =23 , y =53 , v =3542

$$\le =13$$
 , h =5 , x =10 , y =53 , v =65

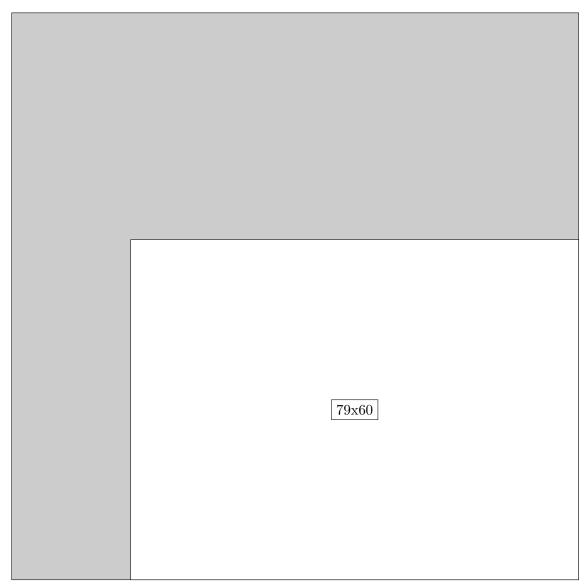
$$w$$
 =12 , h =41 , x =11 , y =58 , v =492



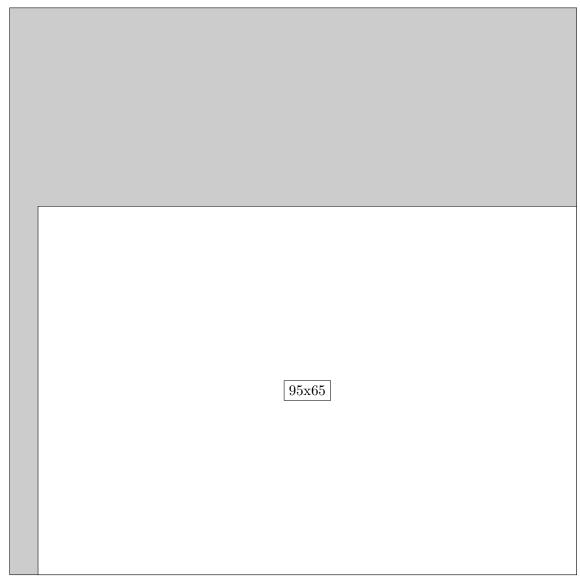
$$\begin{array}{l} w = \! 57 \; , \; h = \! 71 \; , \; x = \! 43 \; , \; y = \! 0 \; , \; v = \! 4047 \\ w = \! 31 \; , \; h = \! 67 \; , \; x = \! 12 \; , \; y = \! 0 \; , \; v = \! 2077 \end{array}$$



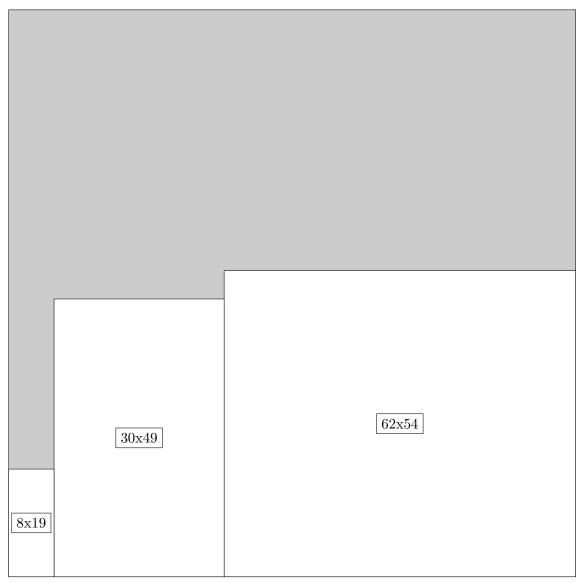
$$\begin{array}{l} w = \! 90 \ , \ h = \! 98 \ , \ x = \! 10 \ , \ y = \! 0 \ , \ v = \! 8820 \\ w = \! 10 \ , \ h = \! 72 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 720 \end{array}$$



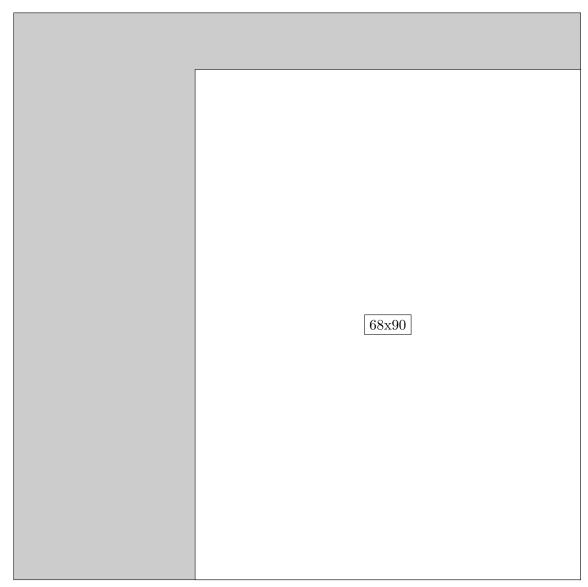
 $\le =79$, h =60 , x =21 , y =0 , v =4740



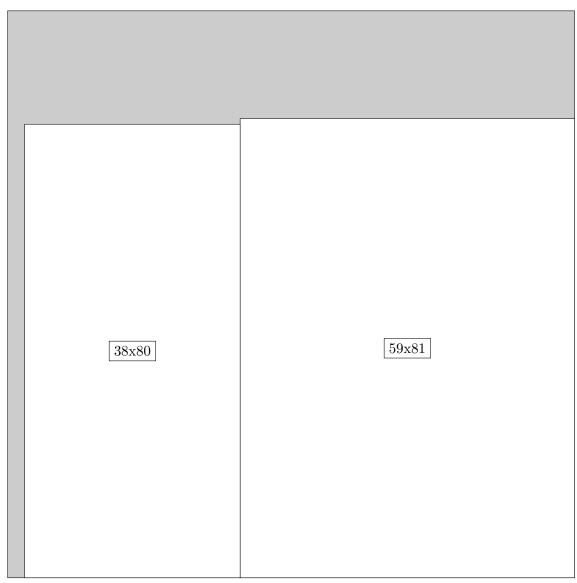
 $\le =95$, = =65 , = =5 , = = = =6175



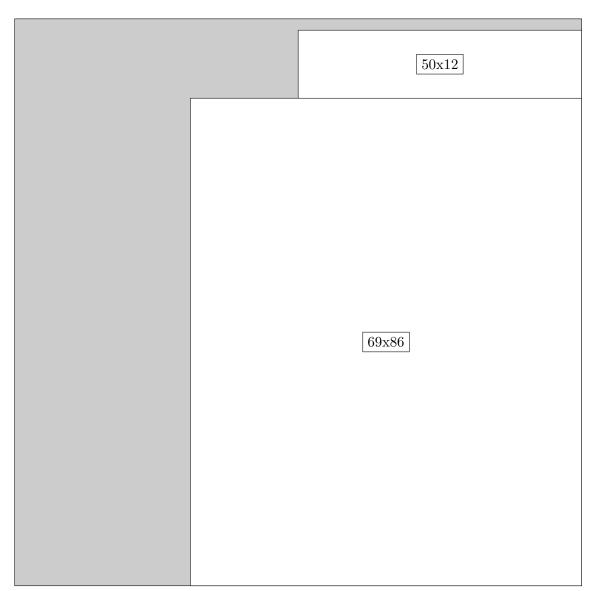
 $\begin{array}{l} w = \!62 \; , \; h = \!54 \; , \; x = \!38 \; , \; y = \!0 \; , \; v = \!3348 \\ w = \!30 \; , \; h = \!49 \; , \; x = \!8 \; , \; y = \!0 \; , \; v = \!1470 \\ w = \!8 \; , \; h = \!19 \; , \; x = \!0 \; , \; y = \!0 \; , \; v = \!152 \end{array}$



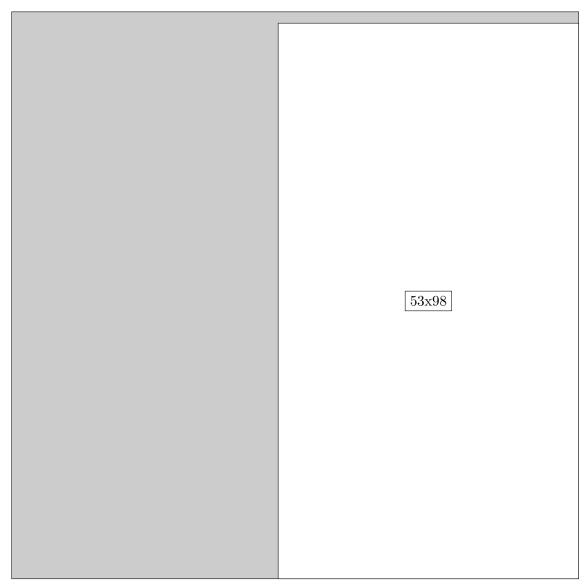
 $\le =68$, h =90 , x =32 , y =0 , v =6120



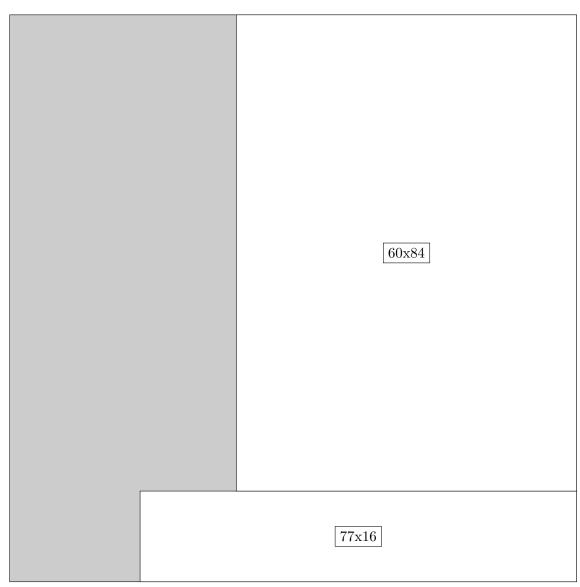
 $\begin{array}{l} w = \!59 \ , \ h = \!81 \ , \ x = \!41 \ , \ y = \!0 \ , \ v = \!4779 \\ w = \!38 \ , \ h = \!80 \ , \ x = \!3 \ , \ y = \!0 \ , \ v = \!3040 \end{array}$



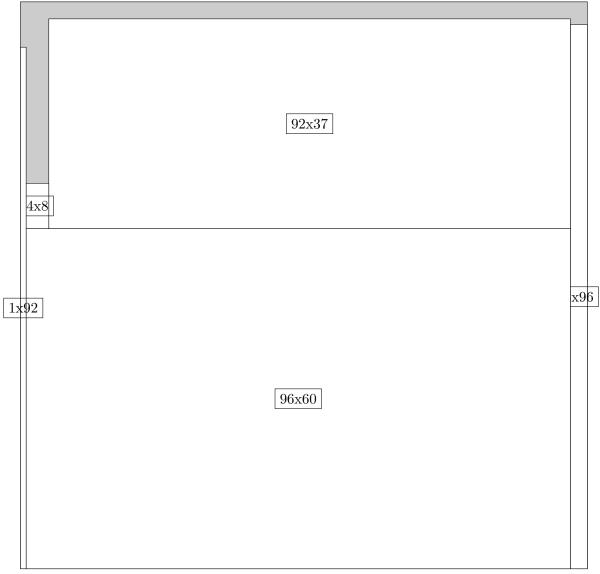
$$\begin{array}{l} w = \!69 \ , \ h = \!86 \ , \ x = \!31 \ , \ y = \!0 \ , \ v = \!5934 \\ w = \!50 \ , \ h = \!12 \ , \ x = \!50 \ , \ y = \!86 \ , \ v = \!600 \end{array}$$



 $\le =53$, h =98 , x =47 , y =0 , v =5194



$$\begin{array}{l} w = \! 77 \ , \ h = \! 16 \ , \ x = \! 23 \ , \ y = \! 0 \ , \ v = \! 1232 \\ w = \! 60 \ , \ h = \! 84 \ , \ x = \! 40 \ , \ y = \! 16 \ , \ v = \! 5040 \end{array}$$



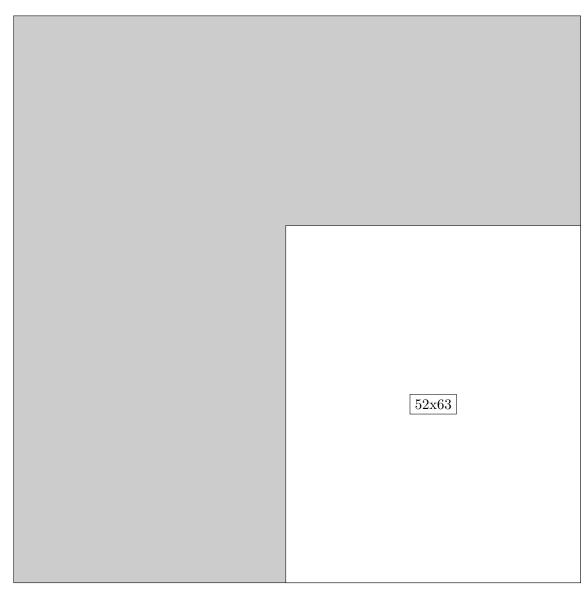
$$\le 3$$
 , h =
96 , x =
97 , y =
0 , v =
288

$$\le =96$$
 , $h=60$, $x=1$, $y=0$, $v=5760$

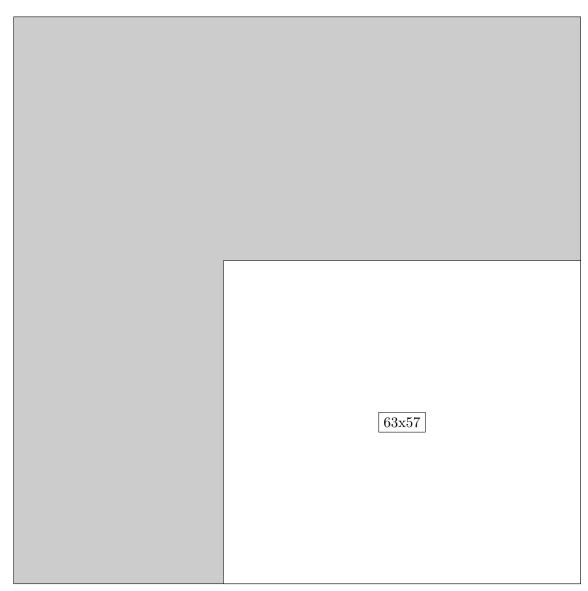
$$\le =92$$
 , h =37 , x =5 , y =60 , v =3404

$$\mathbf{w}$$
 =4 , h =8 , x =1 , y =60 , v =32

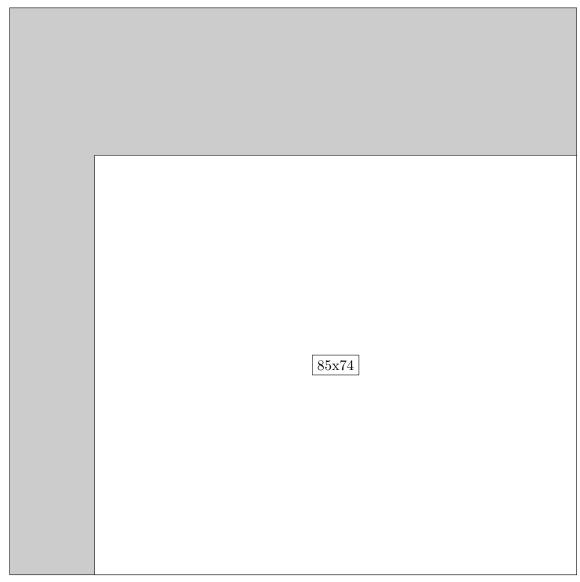
$$\mathbf{w}$$
 =1 , h =92 , x =0 , y =0 , v =92



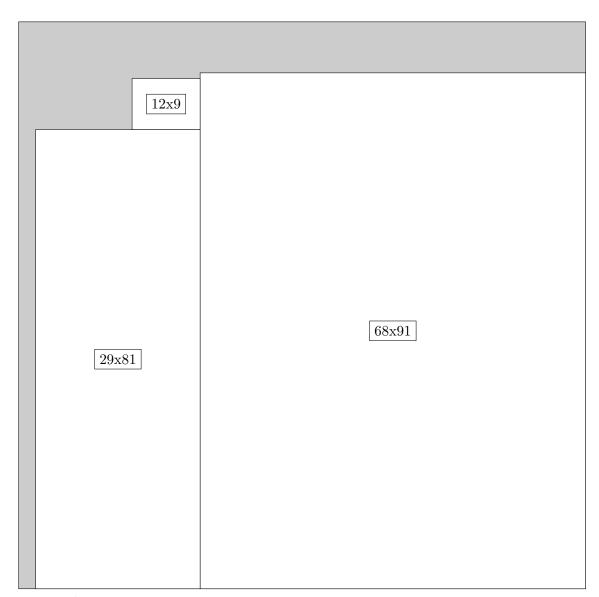
 $\le =52$, h =63 , x =48 , y =0 , v =3276



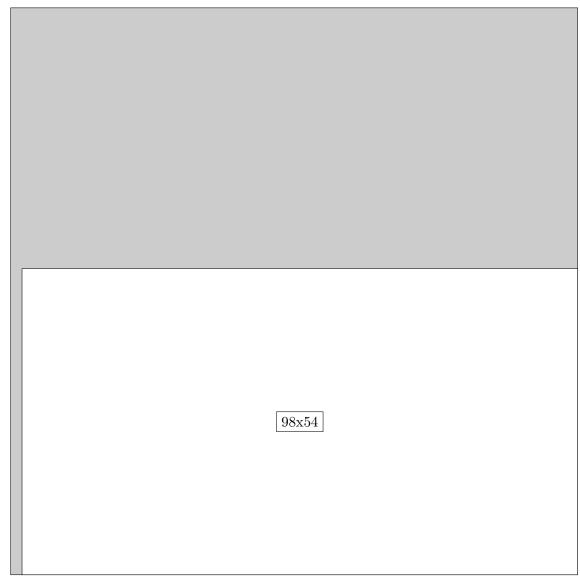
 $\le =63$, h=57 , x=37 , y=0 , v=3591



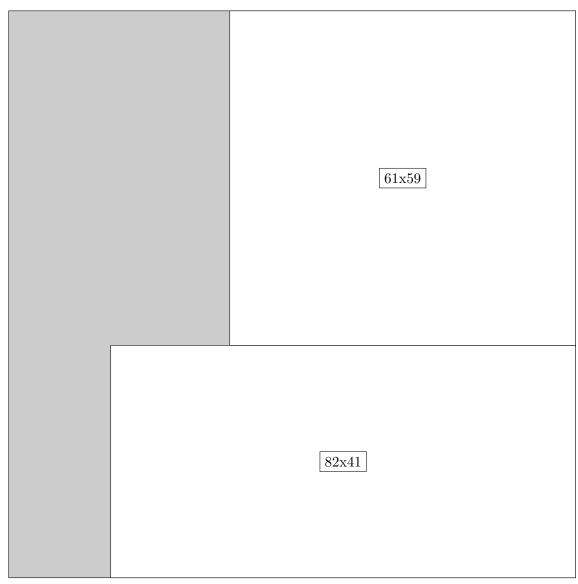
 $\le =85$, h =74 , x =15 , y =0 , v =6290



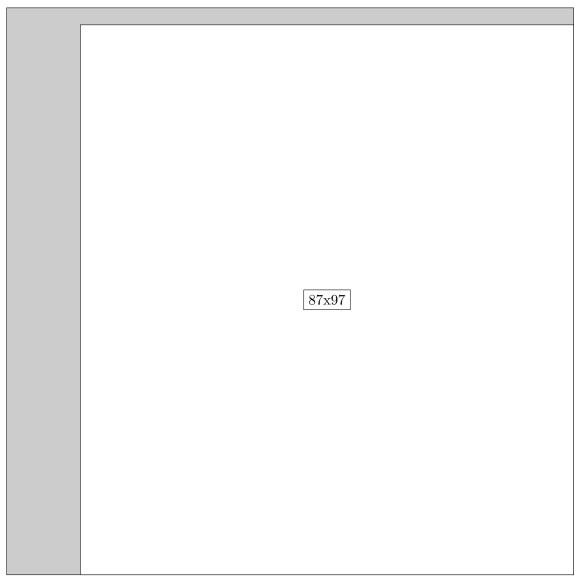
$$\begin{array}{l} w = \!68 \ , \ h = \!91 \ , \ x = \!32 \ , \ y = \!0 \ , \ v = \!6188 \\ w = \!29 \ , \ h = \!81 \ , \ x = \!3 \ , \ y = \!0 \ , \ v = \!2349 \\ w = \!12 \ , \ h = \!9 \ , \ x = \!20 \ , \ y = \!81 \ , \ v = \!108 \end{array}$$



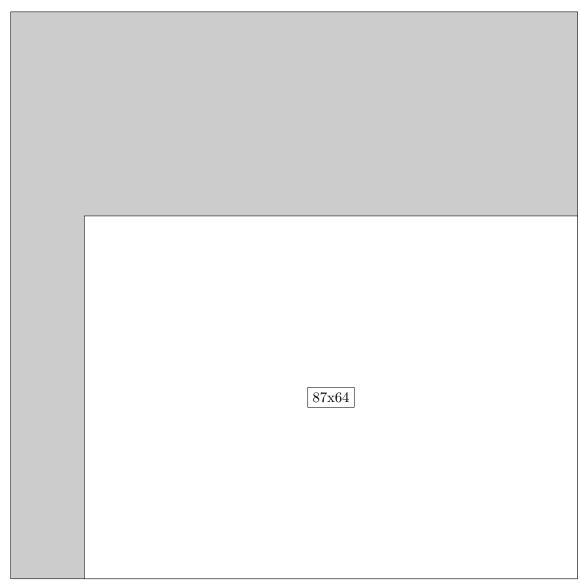
 $\le =98$, h =54 , x =2 , y =0 , v =5292



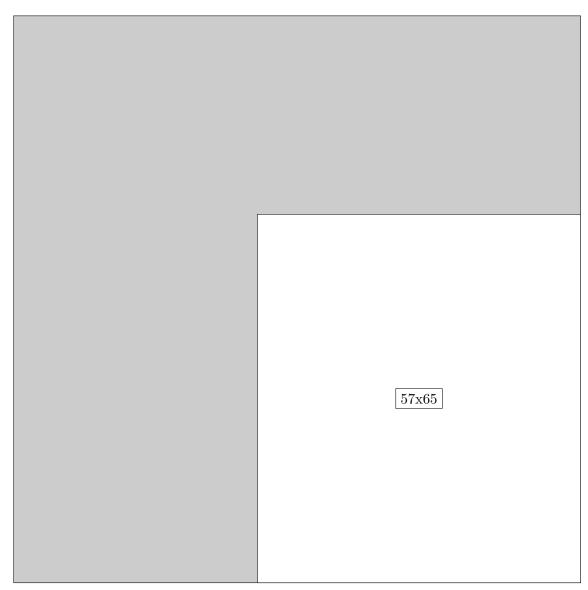
$$\begin{array}{l} w = \! 82 \ , \, h = \! 41 \ , \, x = \! 18 \ , \, y = \! 0 \ , \, v = \! 3362 \\ w = \! 61 \ , \, h = \! 59 \ , \, x = \! 39 \ , \, y = \! 41 \ , \, v = \! 3599 \end{array}$$



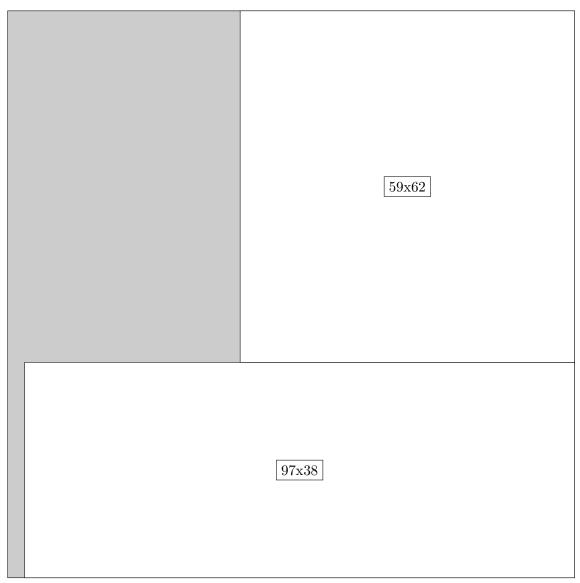
 $\le =87$, h =97 , x =13 , y =0 , v =8439



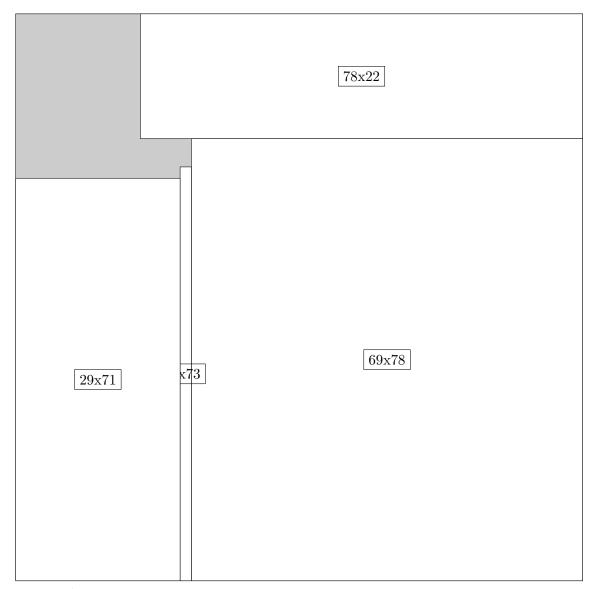
 $\le =87$, h =64 , x =13 , y =0 , v =5568



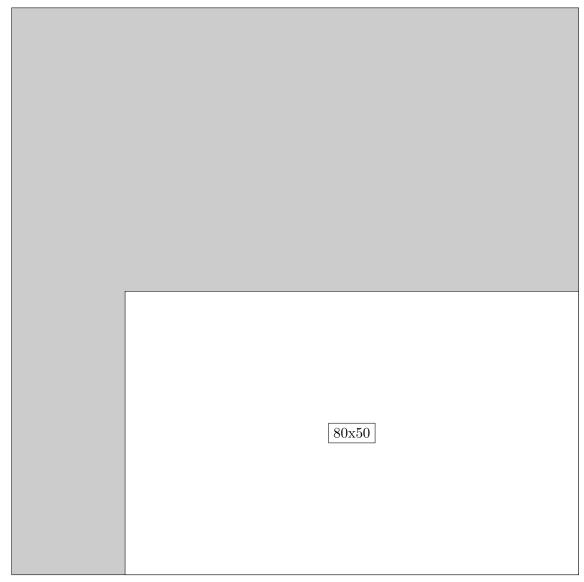
 $\le =57$, h =65 , x =43 , y =0 , v =3705



$$\begin{array}{l} w = \! 97 \; , \; h = \! 38 \; , \; x = \! 3 \; , \; y = \! 0 \; , \; v = \! 3686 \\ w = \! 59 \; , \; h = \! 62 \; , \; x = \! 41 \; , \; y = \! 38 \; , \; v = \! 3658 \end{array}$$



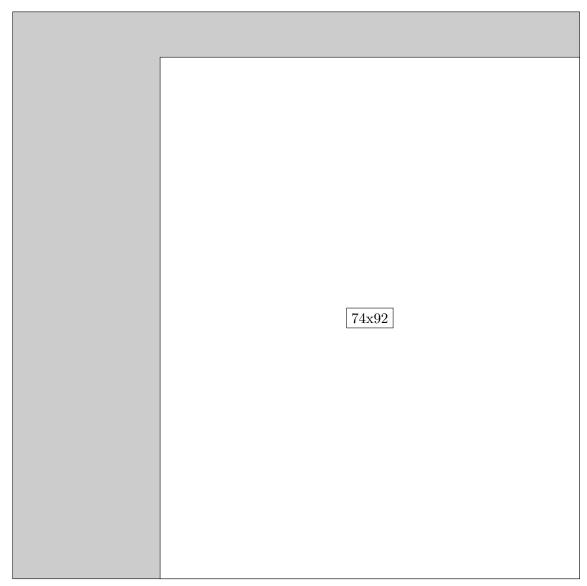
 $\begin{array}{l} w=69 \ , \ h=78 \ , \ x=31 \ , \ y=0 \ , \ v=5382 \\ w=2 \ , \ h=73 \ , \ x=29 \ , \ y=0 \ , \ v=146 \\ w=29 \ , \ h=71 \ , \ x=0 \ , \ y=0 \ , \ v=2059 \\ w=78 \ , \ h=22 \ , \ x=22 \ , \ y=78 \ , \ v=1716 \end{array}$



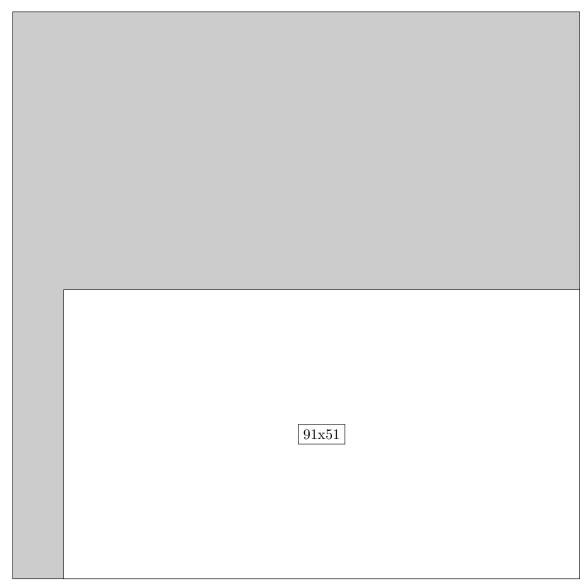
 $\le =80$, h =50 , x =20 , y =0 , v =4000



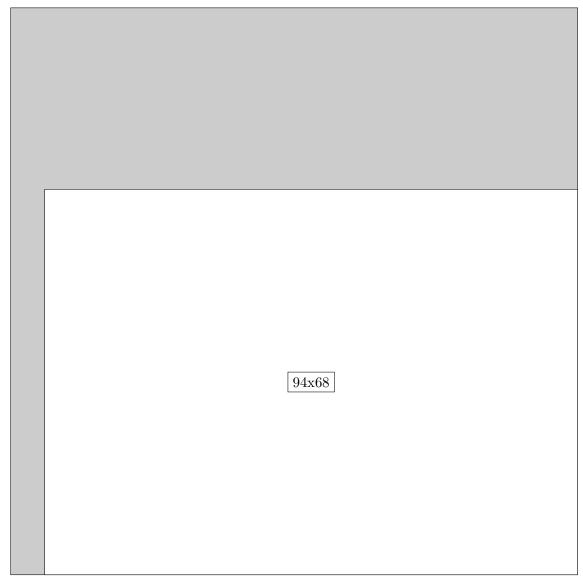
 $\le =80$, h=62 , x=20 , y=0 , v=4960



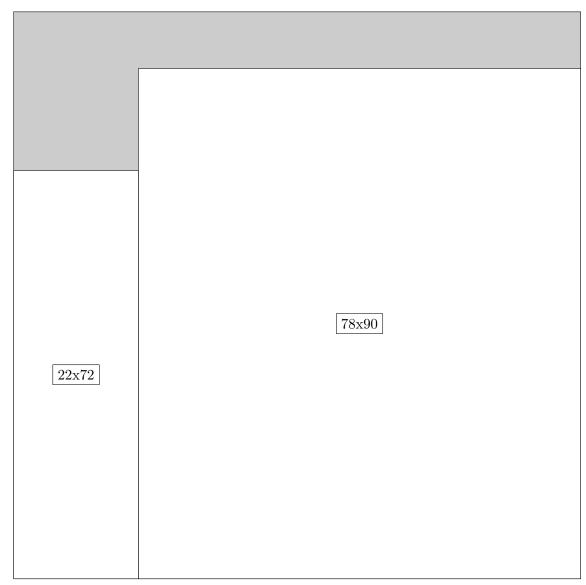
 $\le =74$, h =92 , x =26 , y =0 , v =6808



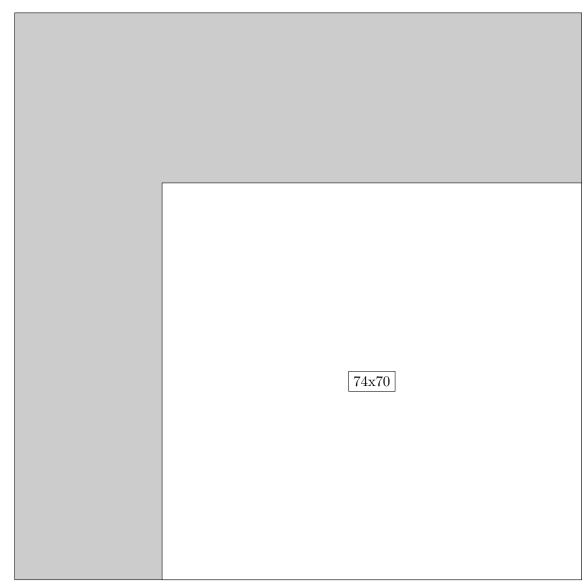
 \mathbf{w} =91 , h =51 , x =9 , y =0 , v =4641



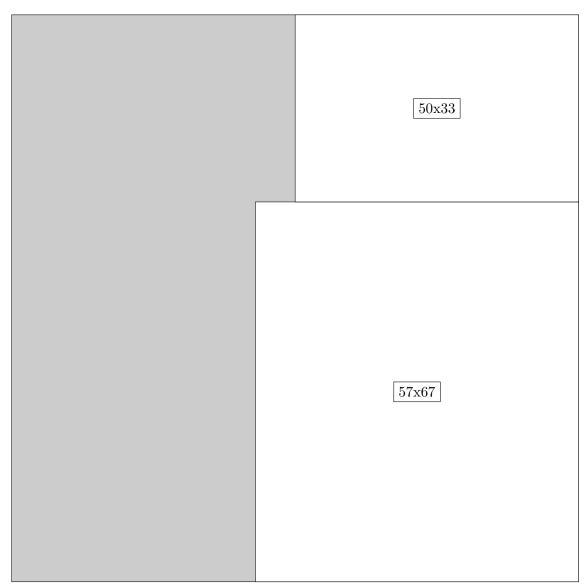
 $\le =94$, h =68 , x =6 , y =0 , v =6392



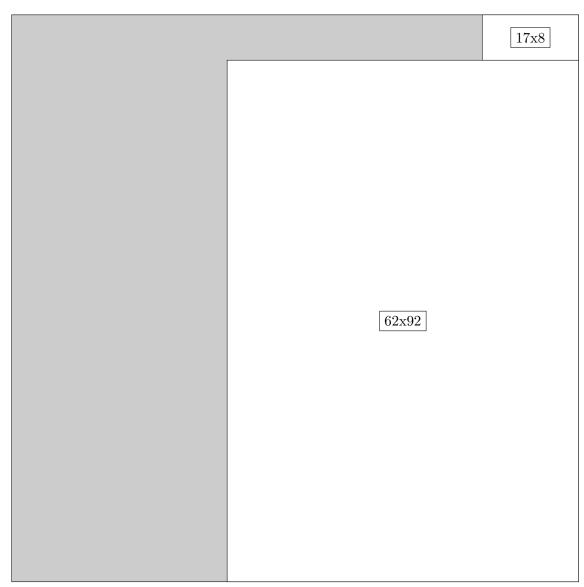
$$\begin{array}{l} w = \! 78 \ , \ h = \! 90 \ , \ x = \! 22 \ , \ y = \! 0 \ , \ v = \! 7020 \\ w = \! 22 \ , \ h = \! 72 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1584 \end{array}$$



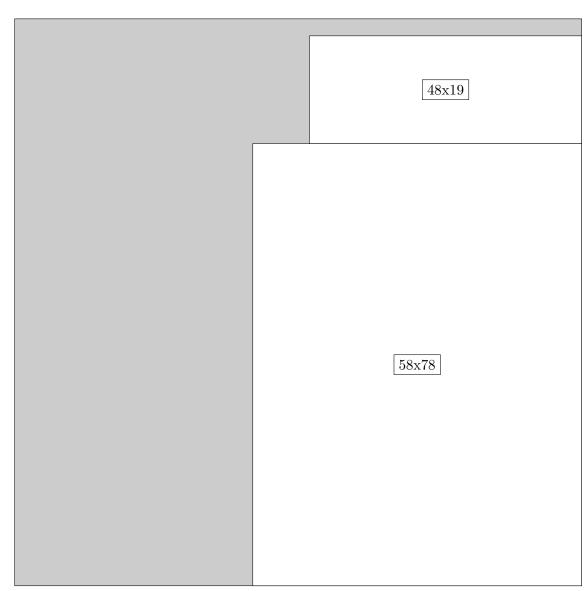
 $\le =74$, h =70 , x =26 , y =0 , v =5180



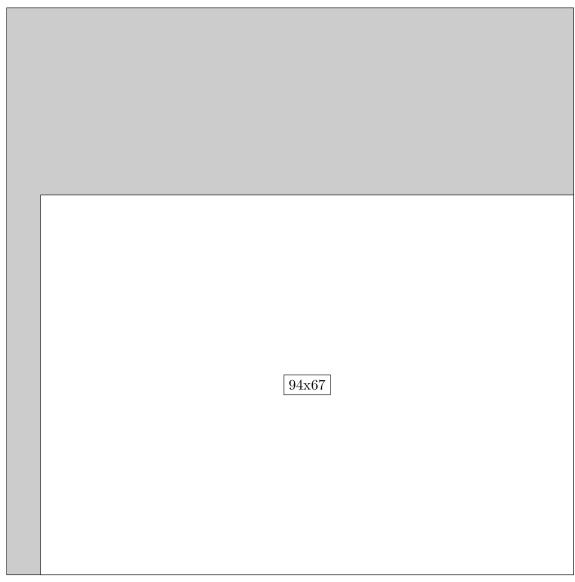
$$\begin{array}{l} w = \! 57 \ , \, h = \! 67 \ , \, x = \! 43 \ , \, y = \! 0 \ , \, v = \! 3819 \\ w = \! 50 \ , \, h = \! 33 \ , \, x = \! 50 \ , \, y = \! 67 \ , \, v = \! 1650 \end{array}$$



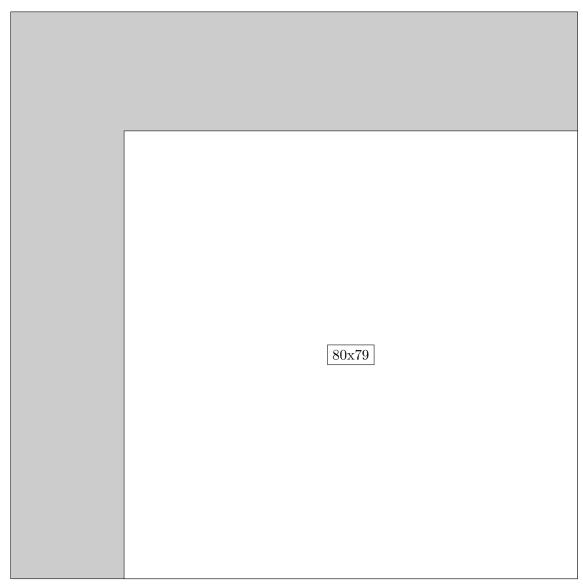
 $\begin{array}{l} w = \!\!62 \ , \ h = \!\!92 \ , \ x = \!\!38 \ , \ y = \!\!0 \ , \ v = \!\!5704 \\ w = \!\!17 \ , \ h = \!\!8 \ , \ x = \!\!83 \ , \ y = \!\!92 \ , \ v = \!\!136 \end{array}$



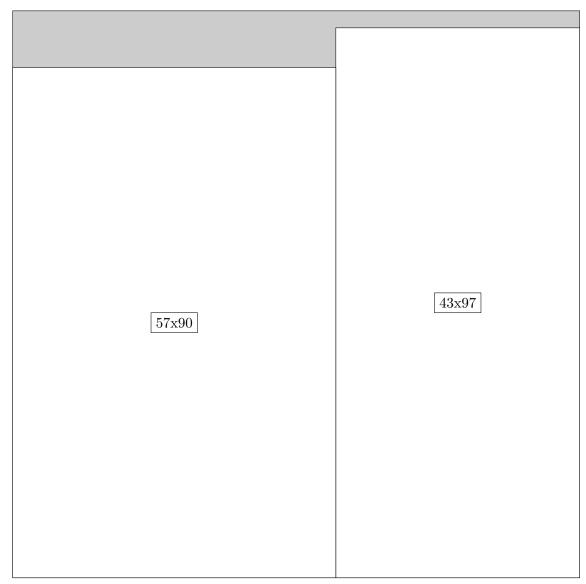
$$\begin{array}{l} w = \! 58 \ , \ h = \! 78 \ , \ x = \! 42 \ , \ y = \! 0 \ , \ v = \! 4524 \\ w = \! 48 \ , \ h = \! 19 \ , \ x = \! 52 \ , \ y = \! 78 \ , \ v = \! 912 \end{array}$$



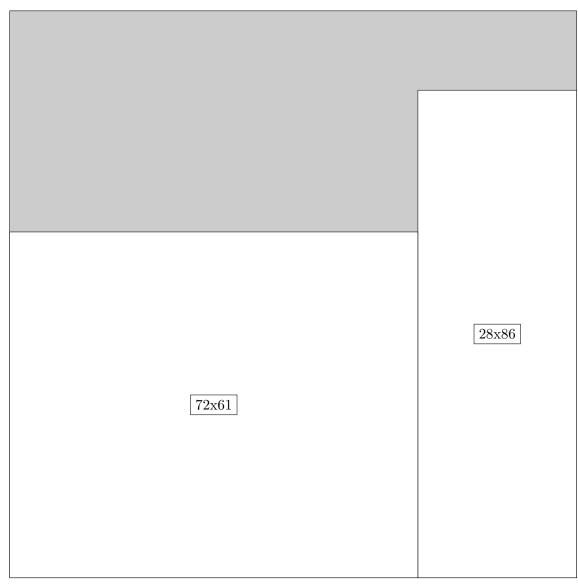
 $\le =94$, h =67 , x =6 , y =0 , v =6298



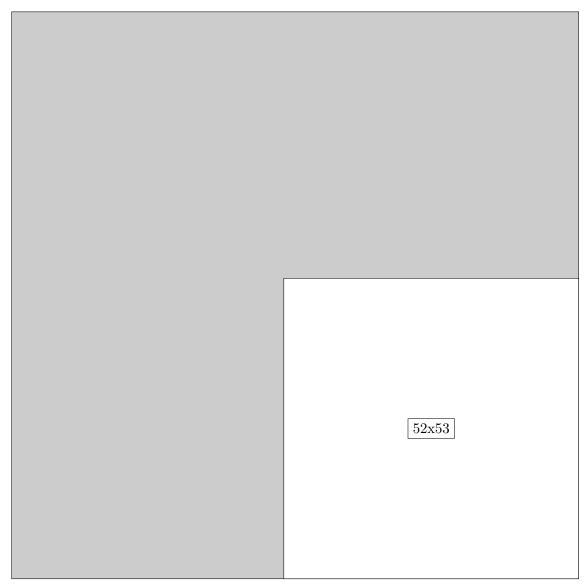
 $\le =80$, h =79 , x =20 , y =0 , v =6320



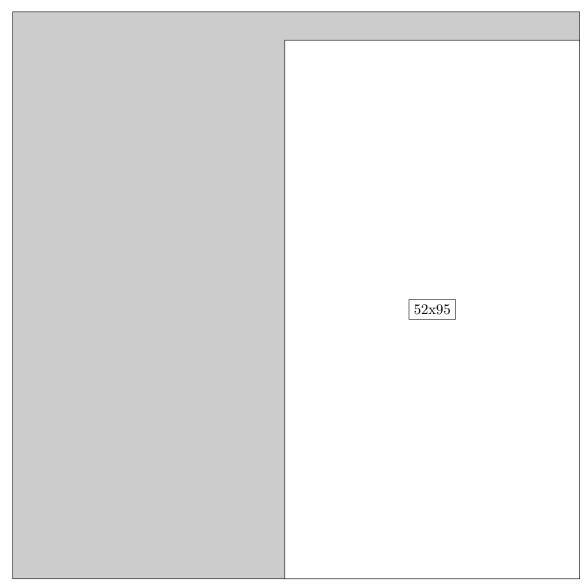
 $\begin{array}{l} w = \! 43 \ , \ h = \! 97 \ , \ x = \! 57 \ , \ y = \! 0 \ , \ v = \! 4171 \\ w = \! 57 \ , \ h = \! 90 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5130 \end{array}$



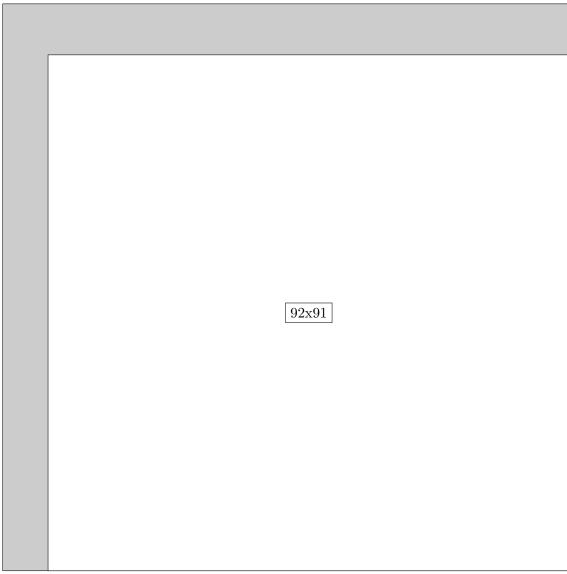
$$\begin{array}{l} w = \! 28 \ , \ h = \! 86 \ , \ x = \! 72 \ , \ y = \! 0 \ , \ v = \! 2408 \\ w = \! 72 \ , \ h = \! 61 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4392 \end{array}$$



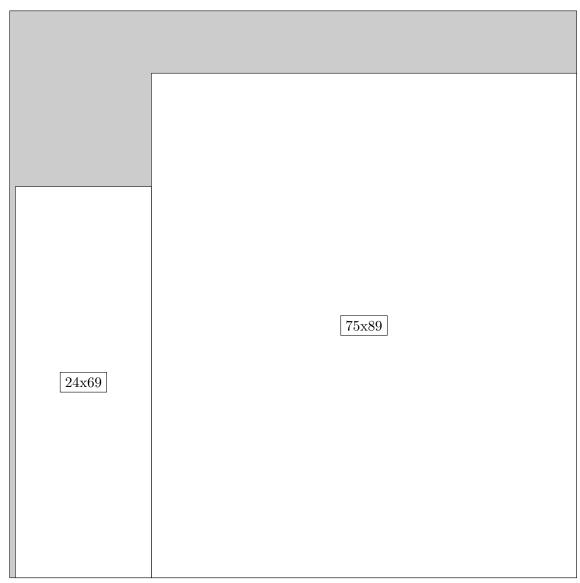
 $\le =52$, h =53 , x =48 , y =0 , v =2756



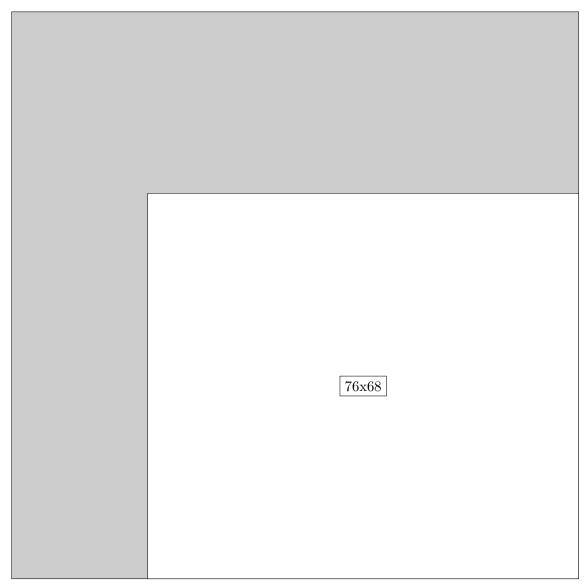
 $\le =52$, h =95 , x =48 , y =0 , v =4940



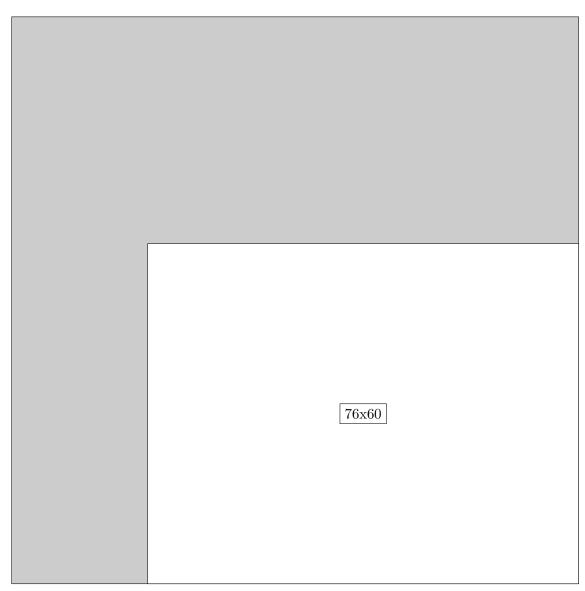
 $\le =92$, h =91 , x =8 , y =0 , v =8372



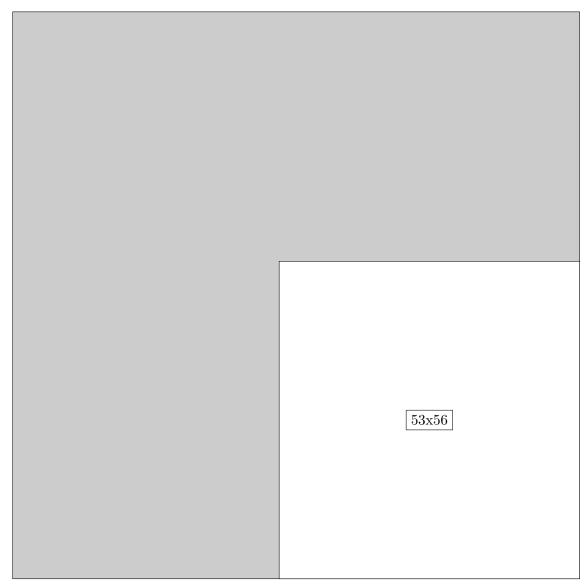
$$w$$
 =75 , h =89 , x =25 , y =0 , v =6675 w =24 , h =69 , x =1 , y =0 , v =1656



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



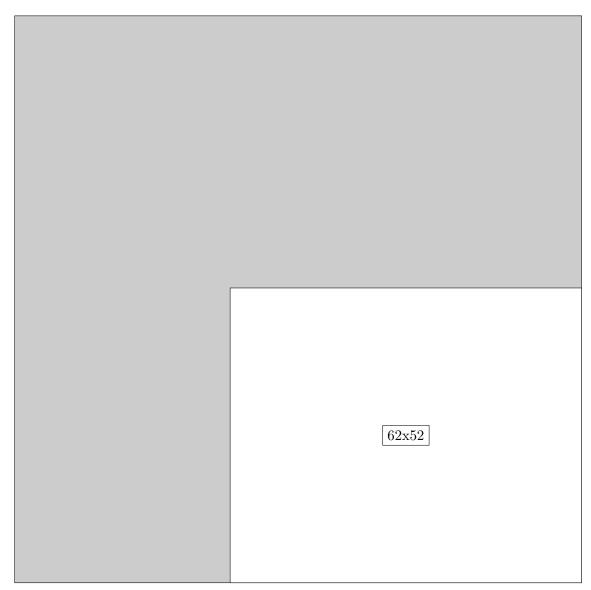
 $\le =76$, = 60 , = 24 , = 0 , = 4560



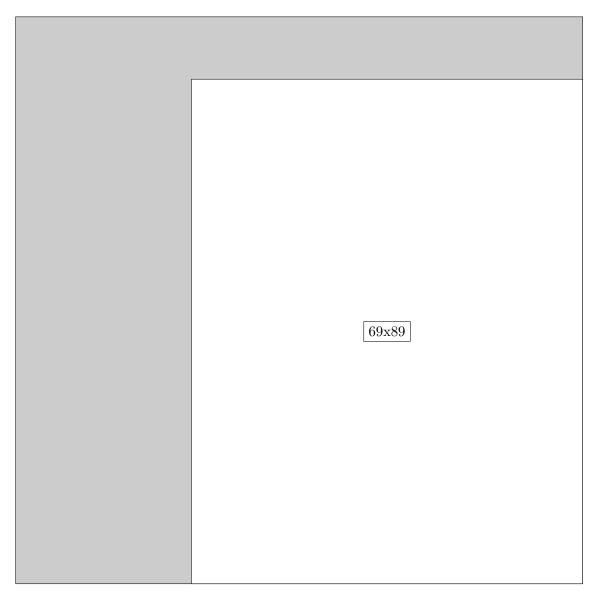
 $\le =53$, h = 56 , x = 47 , y = 0 , v = 2968



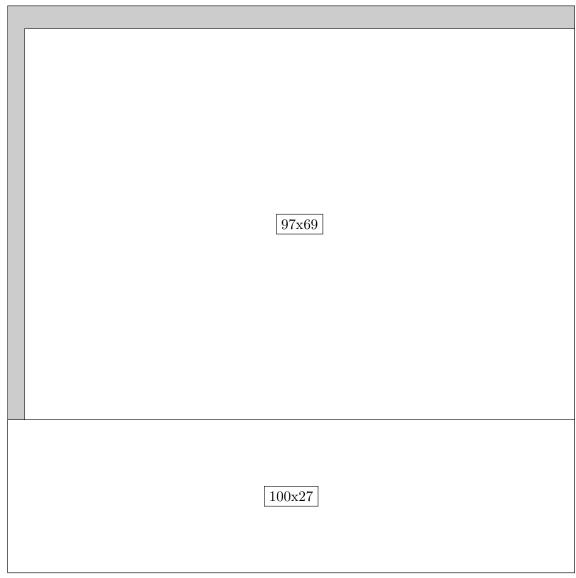
 ≤ 100 , h =89 , x =0 , y =0 , v =8900



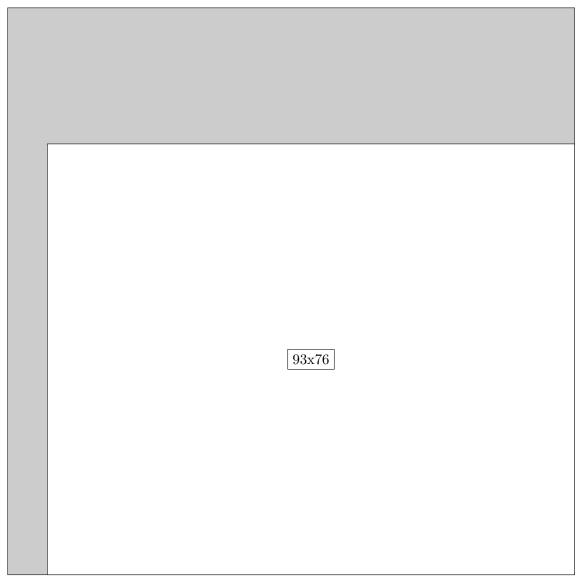
 $\le =62$, h =52 , x =38 , y =0 , v =3224



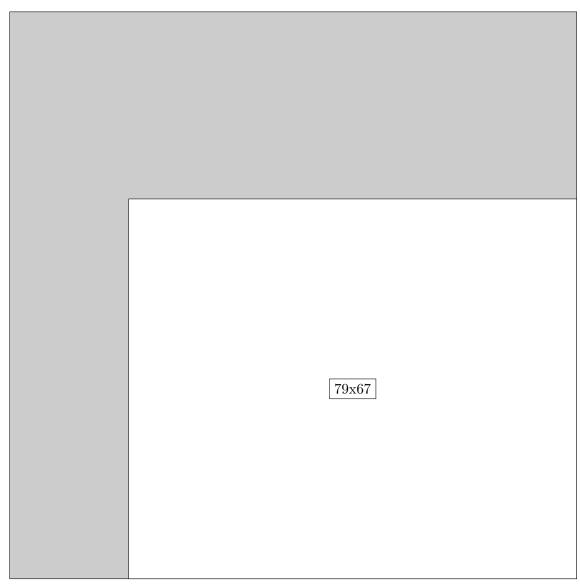
 $\le =69$, h =89 , x =31 , y =0 , v =6141



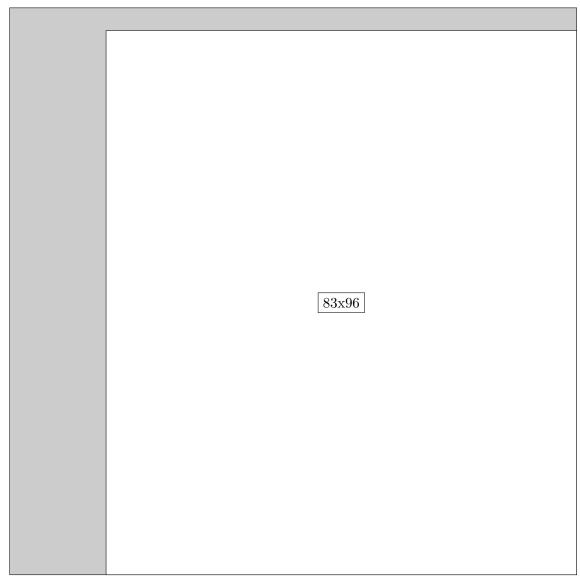
$$\begin{array}{l} w = \! 100 \ , \ h = \! 27 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2700 \\ w = \! 97 \ , \ h = \! 69 \ , \ x = \! 3 \ , \ y = \! 27 \ , \ v = \! 6693 \end{array}$$



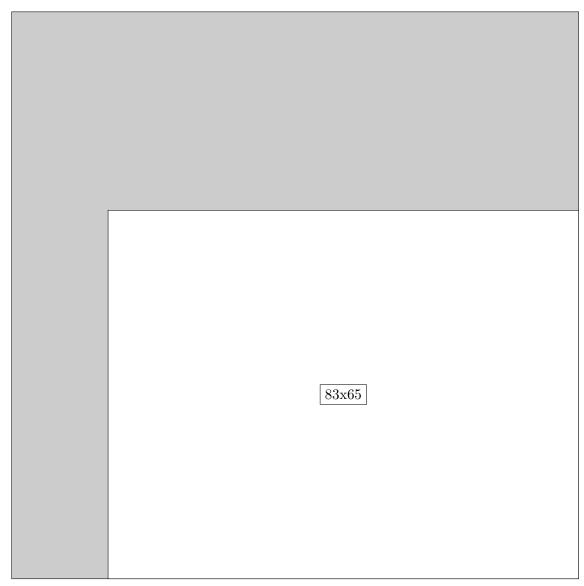
 ≤ -93 , h = 76 , x = 7 , y = 0 , v = 7068



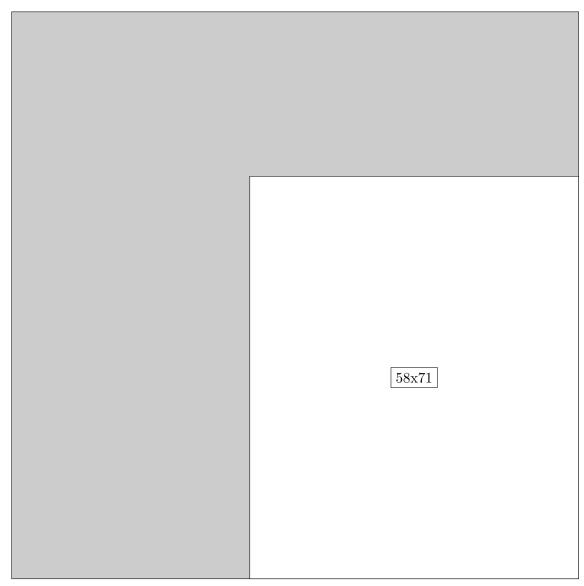
 $\le =79$, h =67 , x =21 , y =0 , v =5293



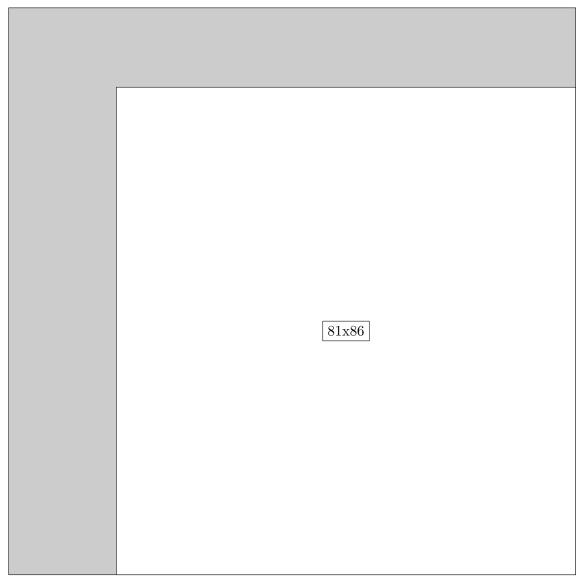
 $\le =83$, h =96 , x =17 , y =0 , v =7968



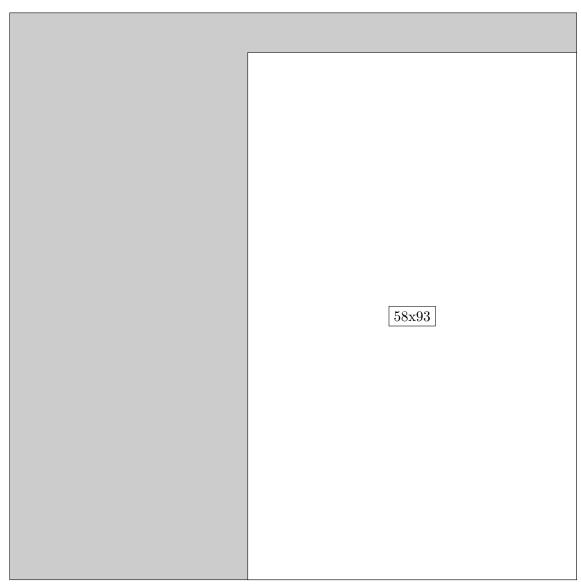
 $\le =83$, h =65 , x =17 , y =0 , v =5395



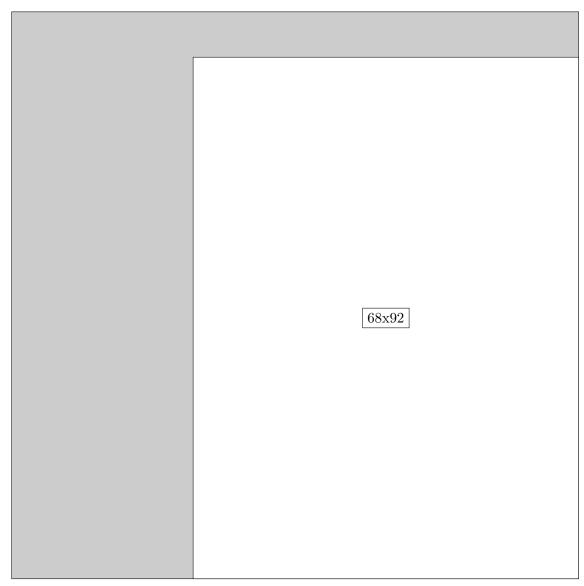
 ≤ 58 , h =71 , x =42 , y =0 , v =4118



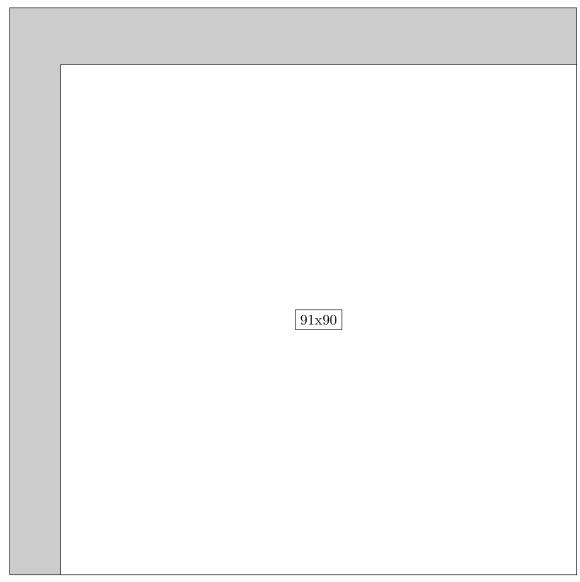
 $\le =81$, h=86 , x=19 , y=0 , v=6966



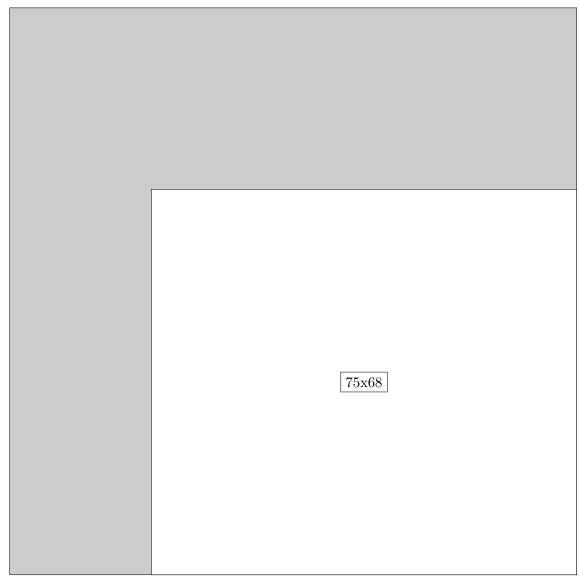
 $\le =58$, h =93 , x =42 , y =0 , v =5394



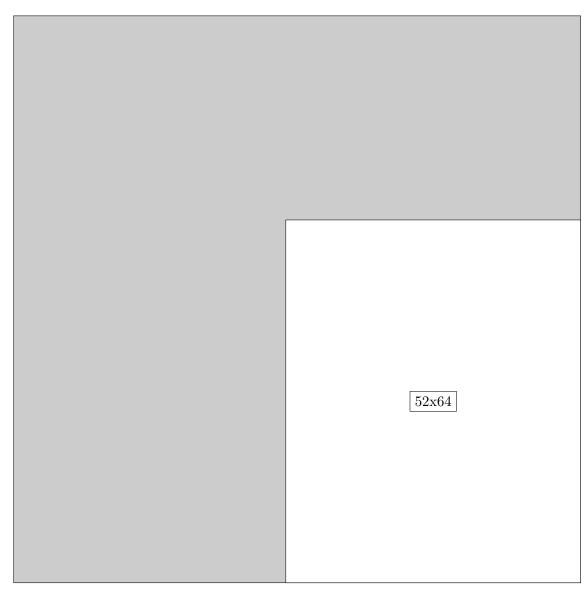
 $\le =68$, h =92 , x =32 , y =0 , v =6256



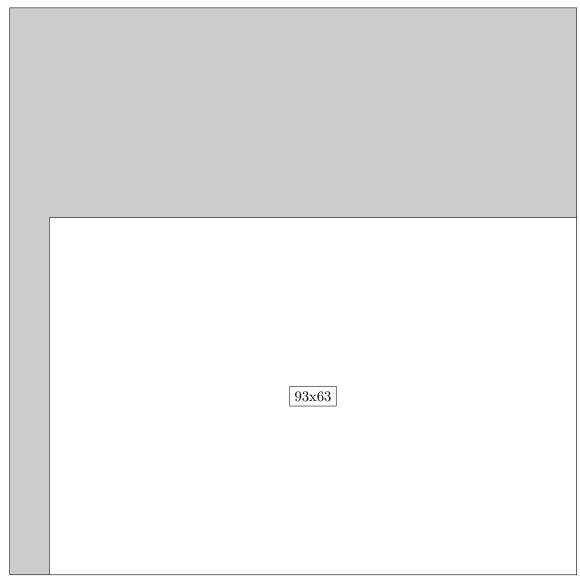
 ≤ -91 , h =90 , x =9 , y =0 , v =8190



 $\le =75$, h =68 , x =25 , y =0 , v =5100



 $\le =52$, h =64 , x =48 , y =0 , v =3328



 $\le =93$, h =63 , x =7 , y =0 , v =5859