$ClassName: \ Class_09.2bp-48$

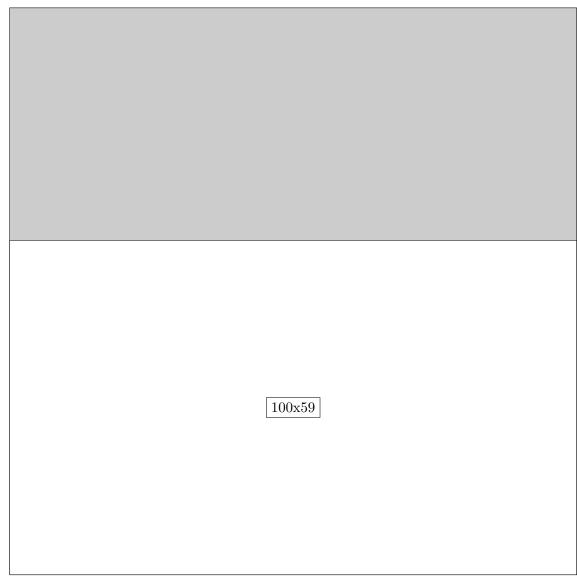
BinSize: $\underline{100 \times 100}$ ReduceSize: $\underline{100 \times 100}$

TypeNum: <u>99</u>
Num: <u>100</u>
OutS: <u>660000</u>
InS: <u>434689</u>
Rate: <u>0.659</u>
UB: <u>66</u>
LB: <u>66</u>

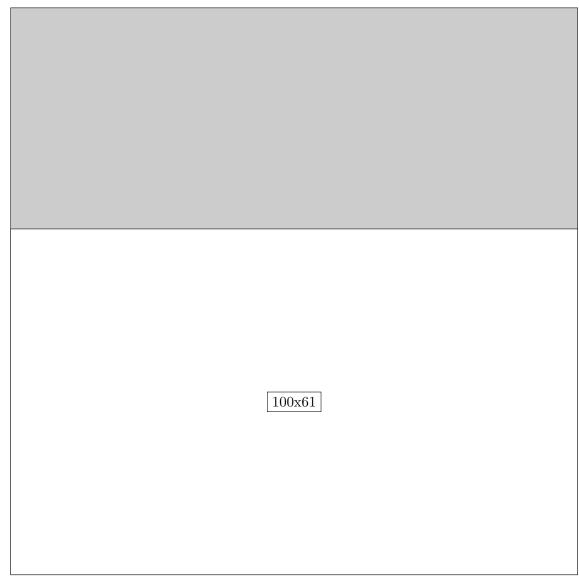
LBWithCut: $\underline{\mathbf{66}}$ NodeCount: $\underline{\mathbf{0}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{66}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$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

isOpt: **true**

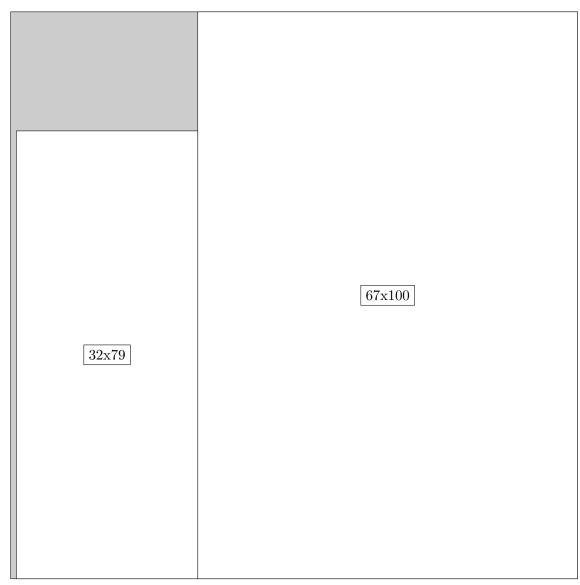
TimeOnPrimal: $\underline{0.000 \text{ s}}$ TimeOnPricing: $\underline{0.000 \text{ s}}$ TimeOnRmp: $\underline{0.094 \text{ s}}$ TotalTime: $\underline{0.234 \text{ s}}$



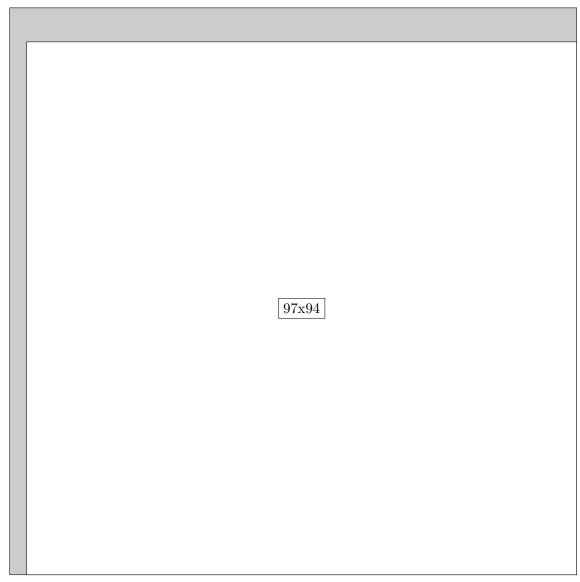
 $\le =100$, h =59 , x =0 , y =0 , v =5900



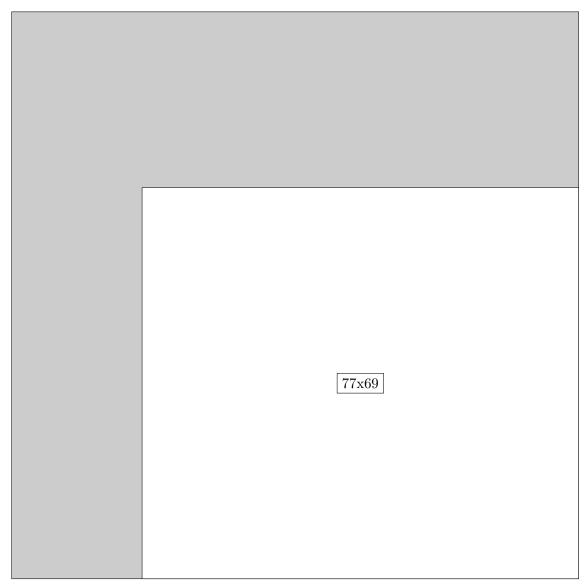
 $\le =100$, h =61 , x =0 , y =0 , v =6100



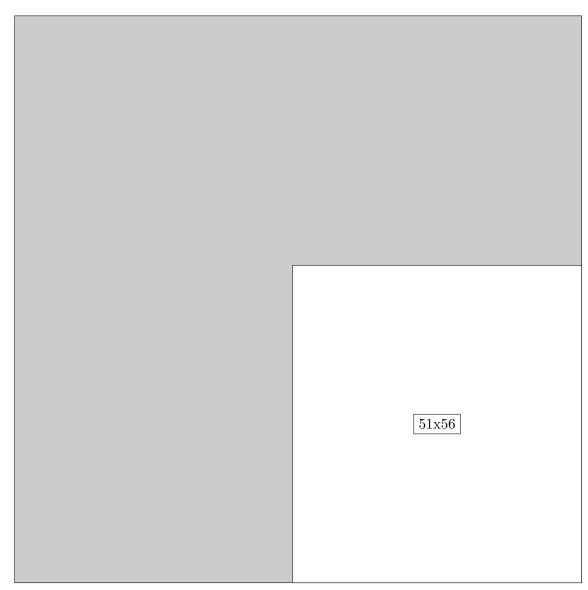
$$\begin{array}{l} w = \! 67 \; , \; h = \! 100 \; , \; x = \! 33 \; , \; y = \! 0 \; , \; v = \! 6700 \\ w = \! 32 \; , \; h = \! 79 \; , \; x = \! 1 \; , \; y = \! 0 \; , \; v = \! 2528 \end{array}$$



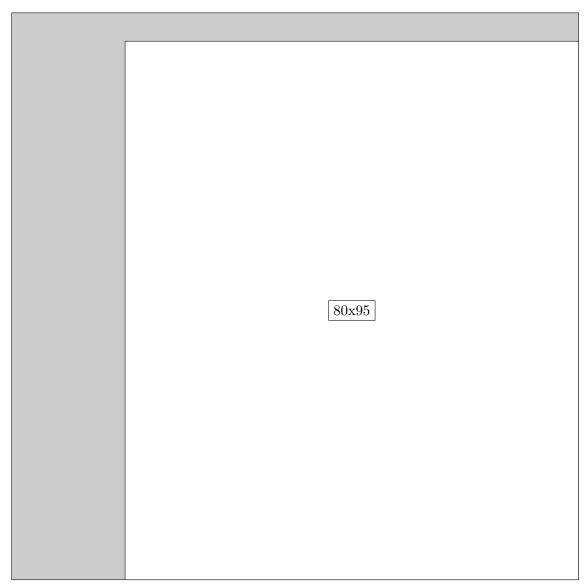
 $\le =97$, h =94 , x =3 , y =0 , v =9118



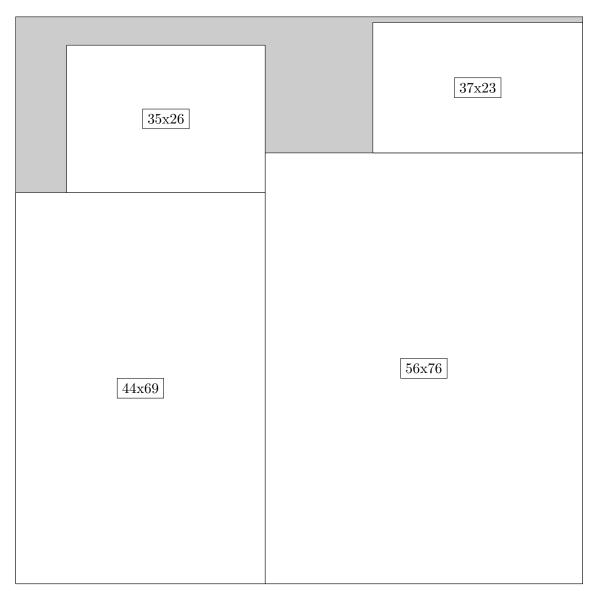
 $\le =77$, h =69 , x =23 , y =0 , v =5313



 $\le =51$, h = 56 , x = 49 , y = 0 , v = 2856



 $\le =80$, h =95 , x =20 , y =0 , v =7600

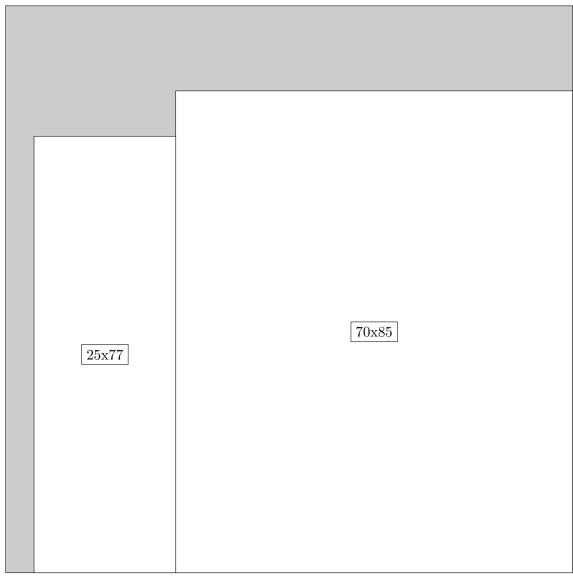


$$w = \! 56 \; , \; h = \! 76 \; , \; x = \! 44 \; , \; y = \! 0 \; , \; v = \! 4256 \;$$

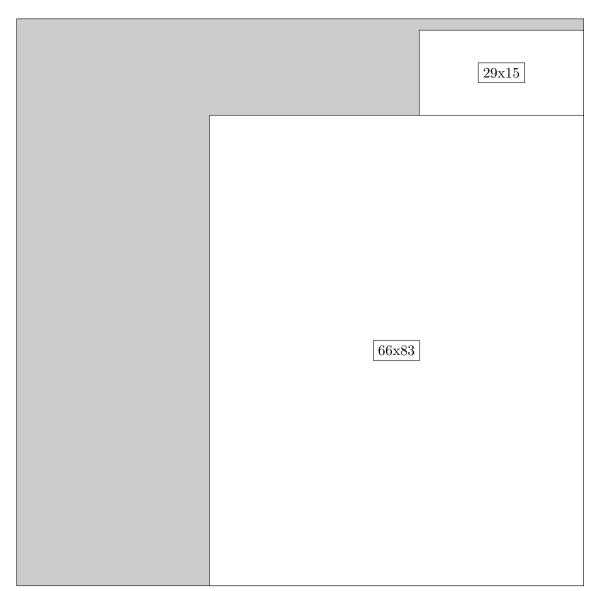
$$\le =37$$
 , h =23 , x =63 , y =76 , v =851

$$\le =44$$
 , h =69 , x =0 , y =0 , v =3036

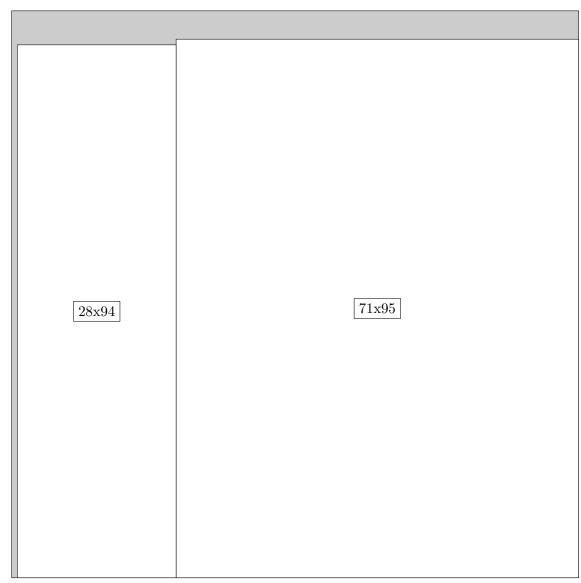
$$\le =35$$
 , h =26 , x =9 , y =69 , v =910



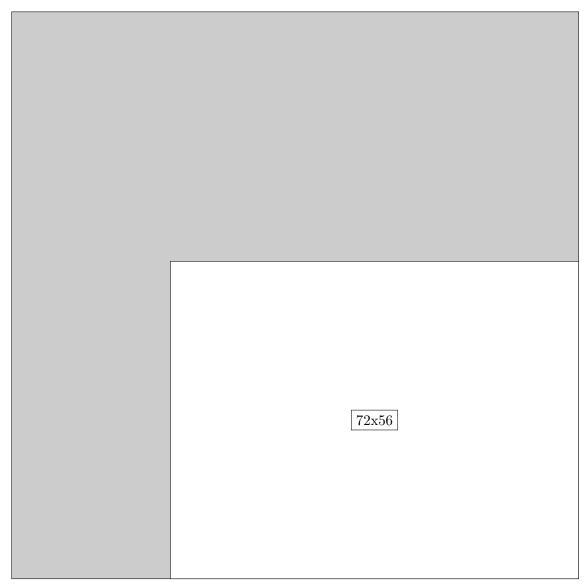
$$\begin{array}{l} w = \! 70 \ , \ h = \! 85 \ , \ x = \! 30 \ , \ y = \! 0 \ , \ v = \! 5950 \\ w = \! 25 \ , \ h = \! 77 \ , \ x = \! 5 \ , \ y = \! 0 \ , \ v = \! 1925 \end{array}$$



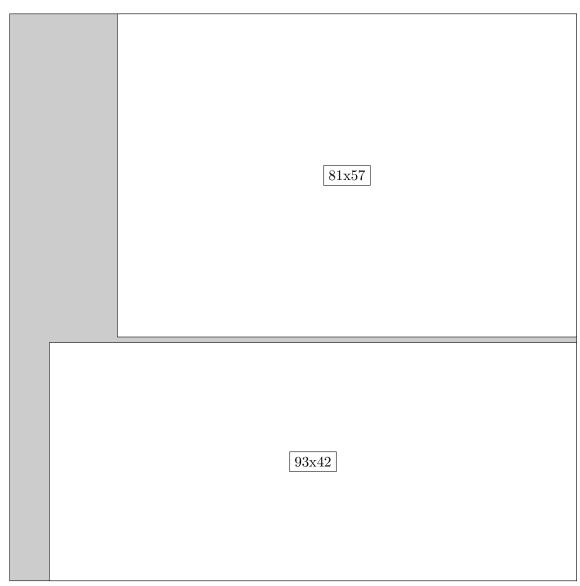
$$\begin{array}{l} w = \!66 \;, \; h = \!83 \;, \; x = \!34 \;, \; y = \!0 \;, \; v = \!5478 \\ w = \!29 \;, \; h = \!15 \;, \; x = \!71 \;, \; y = \!83 \;, \; v = \!435 \end{array}$$



$$\begin{array}{l} w = \! 71 \ , \ h = \! 95 \ , \ x = \! 29 \ , \ y = \! 0 \ , \ v = \! 6745 \\ w = \! 28 \ , \ h = \! 94 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 2632 \end{array}$$



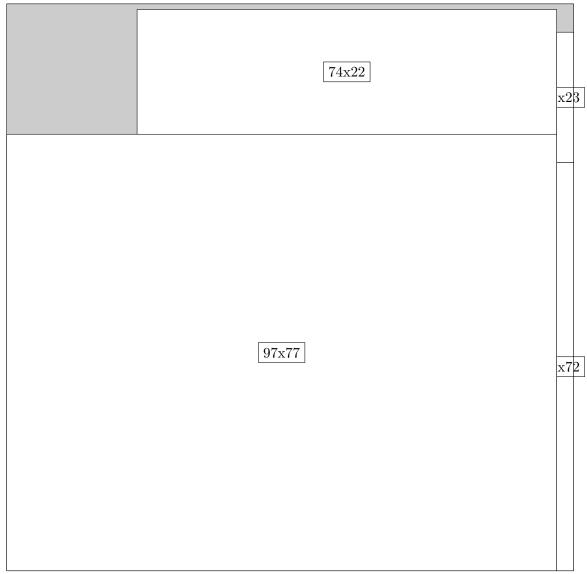
 $\le =72$, h = 56 , x = 28 , y = 0 , v = 4032



$$\begin{array}{l} w = \! 93 \ , \ h = \! 42 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 3906 \\ w = \! 81 \ , \ h = \! 57 \ , \ x = \! 19 \ , \ y = \! 43 \ , \ v = \! 4617 \end{array}$$



$$\begin{array}{l} w = \! 86 \; , \; h = \! 57 \; , \; x = \! 14 \; , \; y = \! 0 \; , \; v = \! 4902 \\ w = \! 80 \; , \; h = \! 43 \; , \; x = \! 20 \; , \; y = \! 57 \; , \; v = \! 3440 \end{array}$$

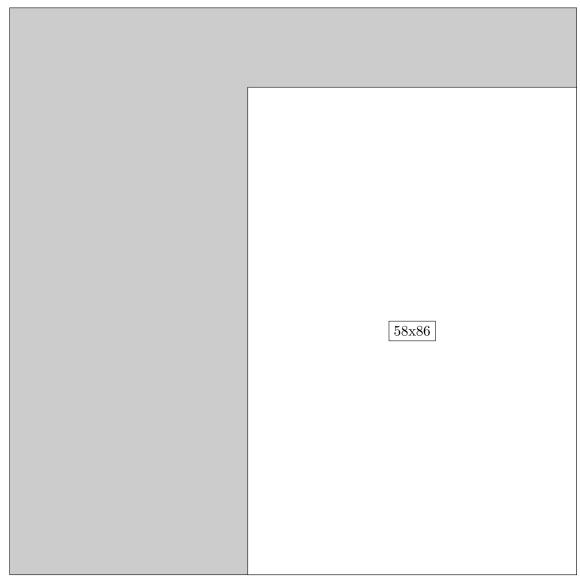


$$\le 3$$
 , h =72 , x =97 , y =0 , v =216

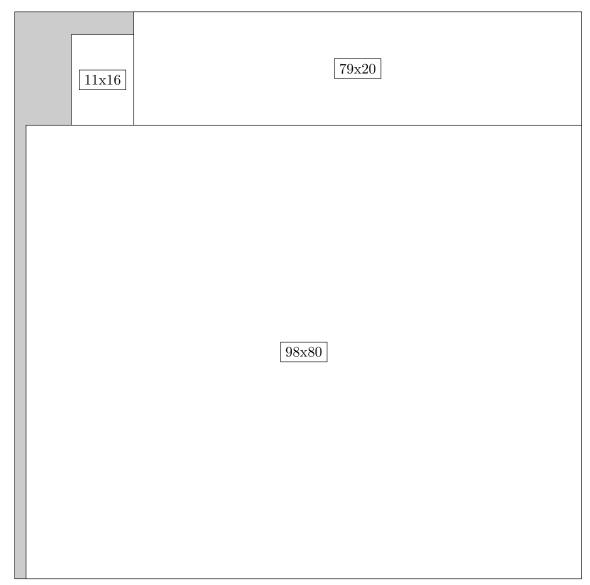
$$\le =3$$
 , h =
23 , x =
97 , y =
72 , v =
69

$$\le =97$$
 , h =77 , x =0 , y =0 , v =7469

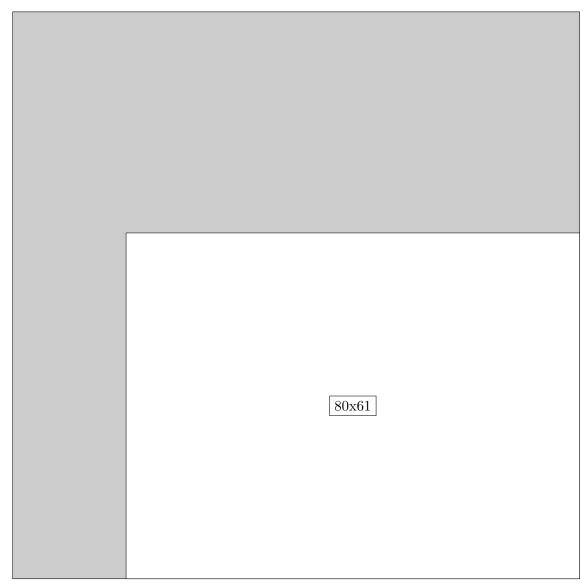
$$\mathbf{w}$$
 =74 , h =22 , x =23 , y =77 , v =1628



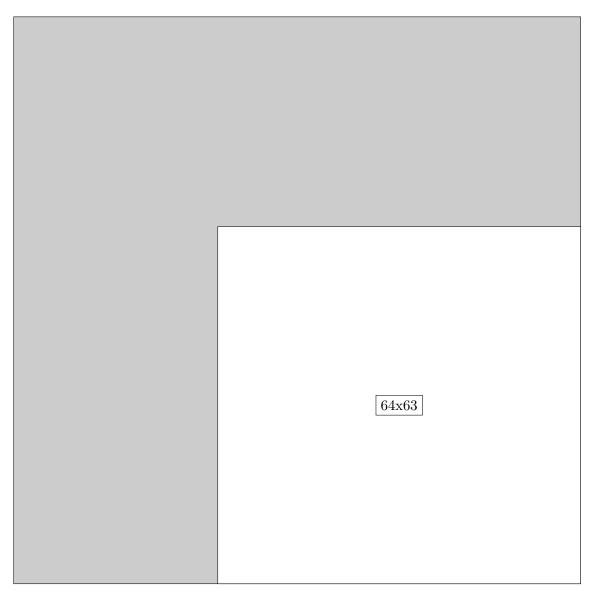
 $\le =58$, h = 86 , x = 42 , y = 0 , v = 4988



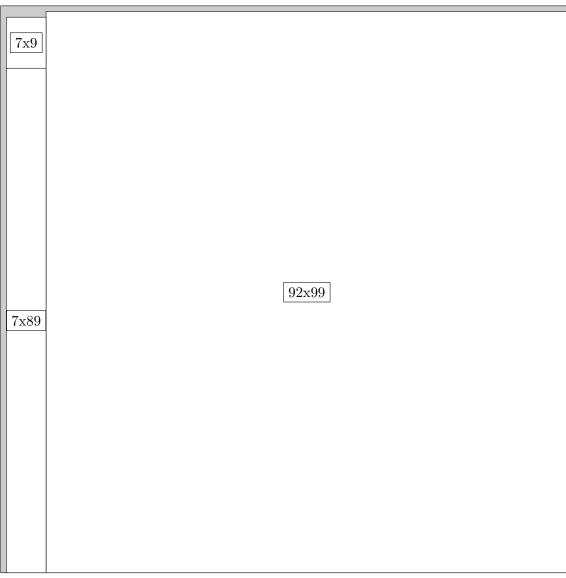
$$\begin{array}{l} w = \! 98 \ , \ h = \! 80 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 7840 \\ w = \! 79 \ , \ h = \! 20 \ , \ x = \! 21 \ , \ y = \! 80 \ , \ v = \! 1580 \\ w = \! 11 \ , \ h = \! 16 \ , \ x = \! 10 \ , \ y = \! 80 \ , \ v = \! 176 \end{array}$$



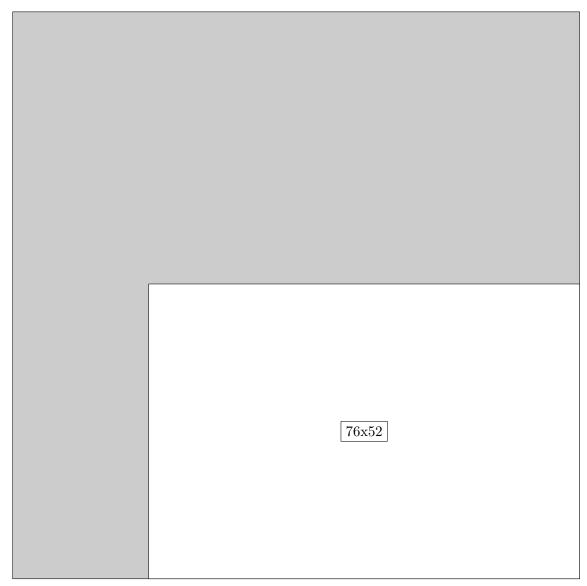
 $\le =80$, h =61 , x =20 , y =0 , v =4880



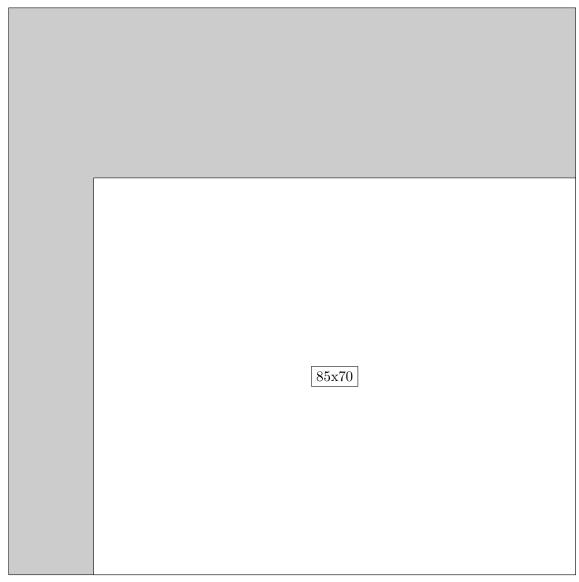
 $\le =64$, h=63 , x=36 , y=0 , v=4032



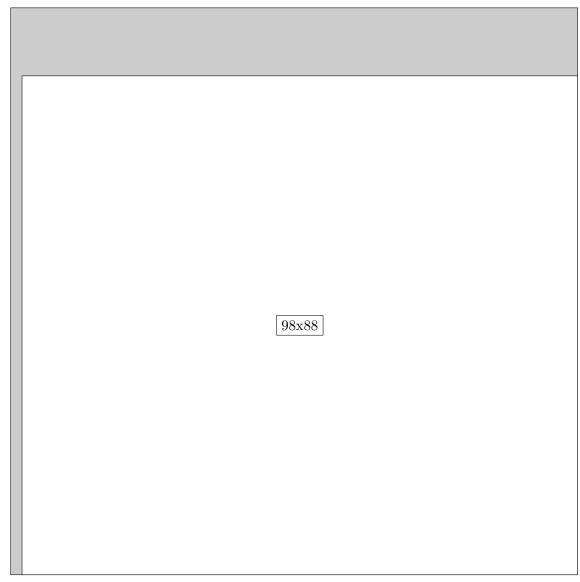
$$\begin{array}{l} w = 92 \ , \ h = 99 \ , \ x = 8 \ , \ y = 0 \ , \ v = 9108 \\ w = 7 \ , \ h = 89 \ , \ x = 1 \ , \ y = 0 \ , \ v = 623 \\ w = 7 \ , \ h = 9 \ , \ x = 1 \ , \ y = 89 \ , \ v = 63 \end{array}$$



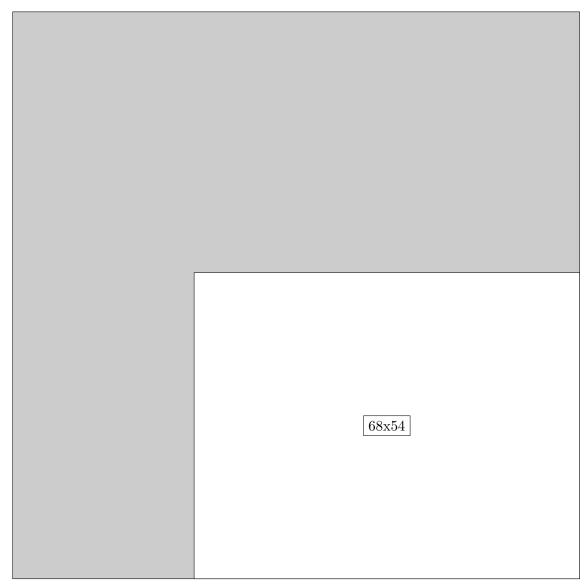
 $\le =76$, h =52 , x =24 , y =0 , v =3952



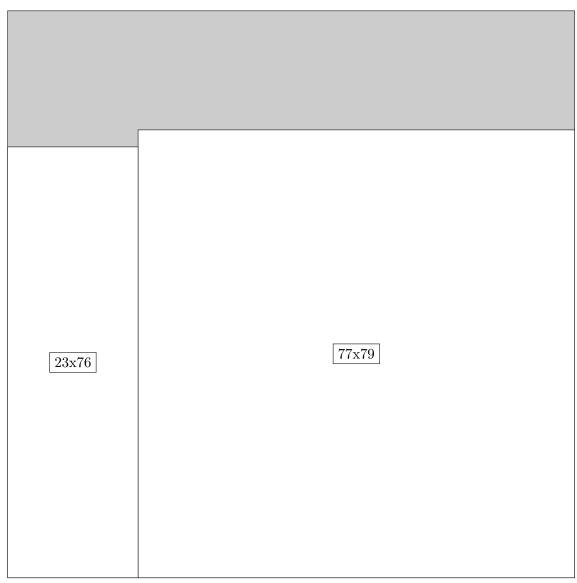
 $\le =85$, h =70 , x =15 , y =0 , v =5950

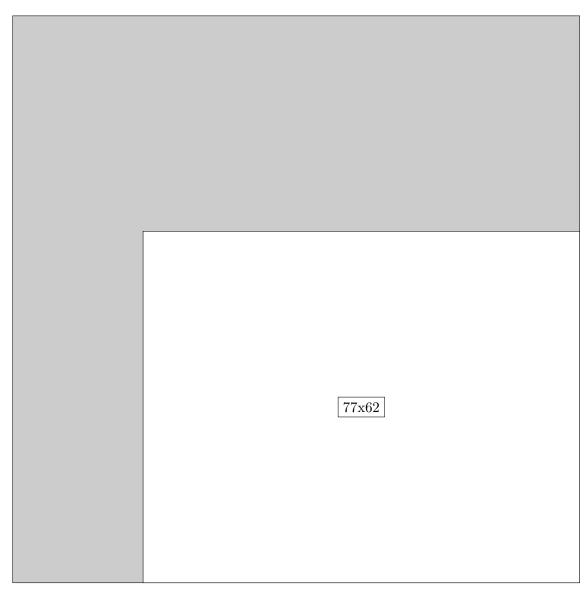


 $\le =98$, h =88 , x =2 , y =0 , v =8624

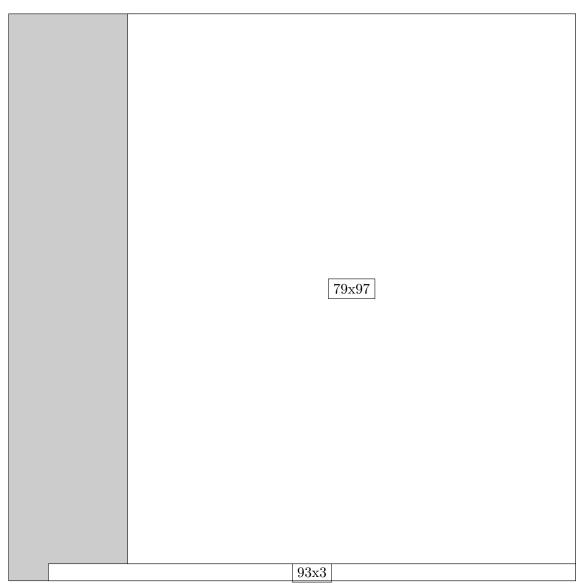


 $\le =68$, h =54 , x =32 , y =0 , v =3672

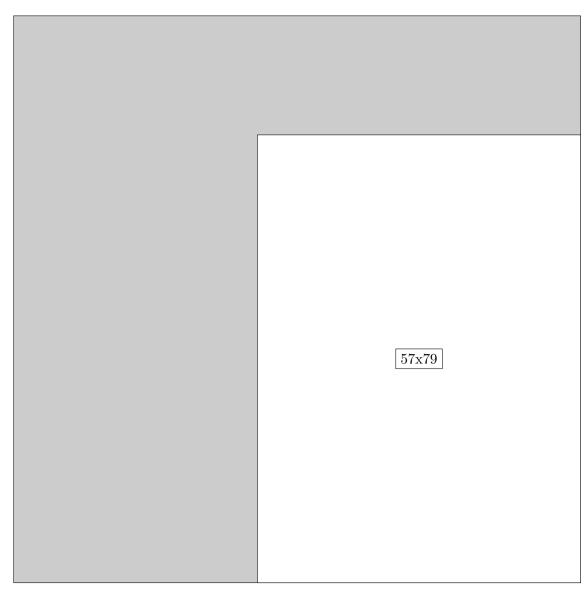




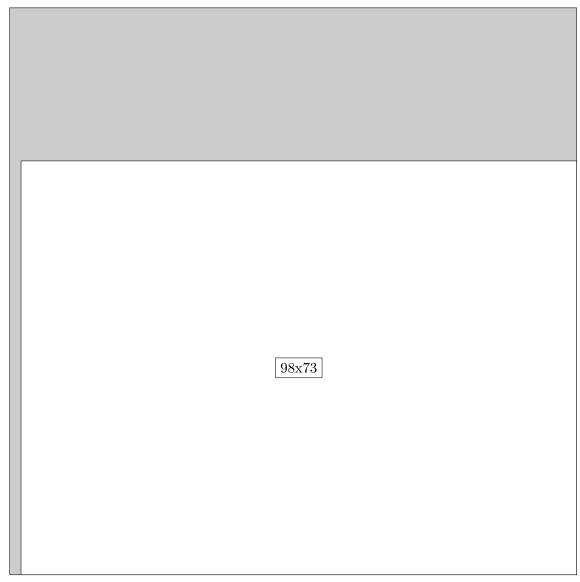
 $\le =77$, h =62 , x =23 , y =0 , v =4774



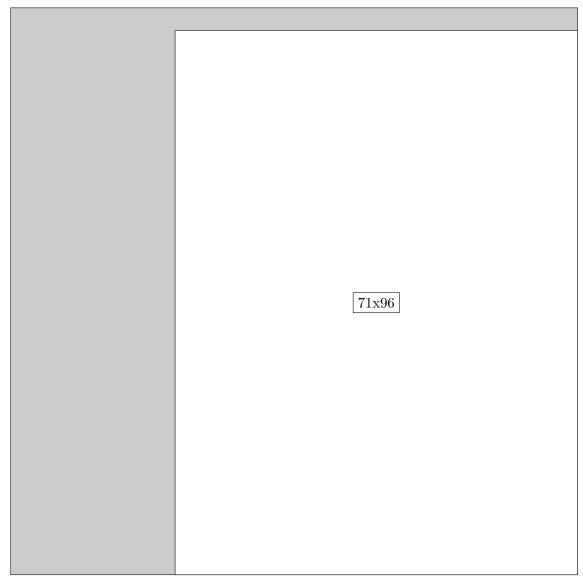
 $\begin{array}{l} w = \! 93 \ , \ h = \! 3 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 279 \\ w = \! 79 \ , \ h = \! 97 \ , \ x = \! 21 \ , \ y = \! 3 \ , \ v = \! 7663 \end{array}$



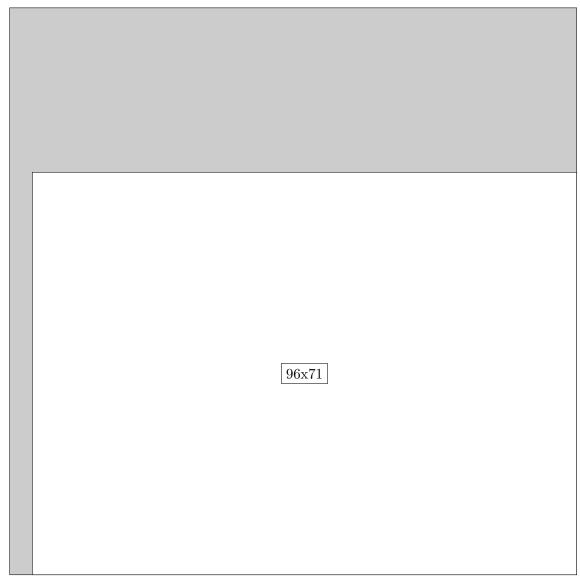
 ≤ 57 , h = 79 , x = 43 , y = 0 , v = 4503



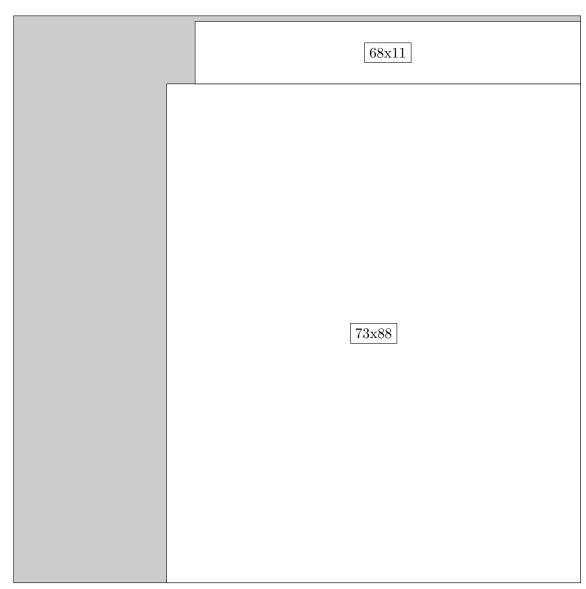
 $\le =98$, h =73 , x =2 , y =0 , v =7154



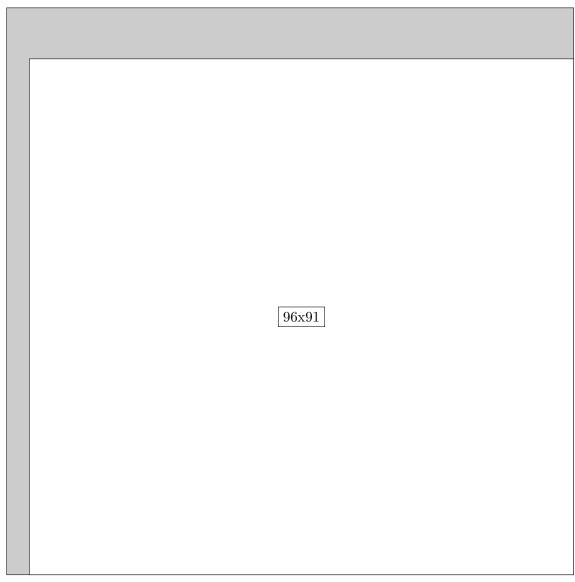
 $\le =71$, h =96 , x =29 , y =0 , v =6816



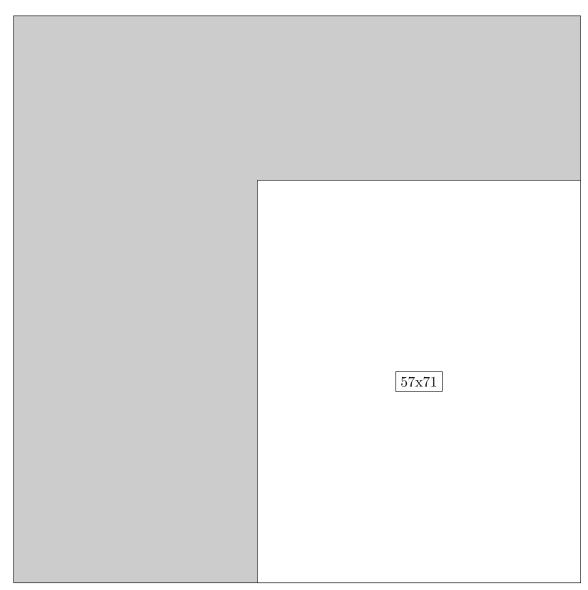
 ≤ -96 , h =71 , x =4 , y =0 , v =6816



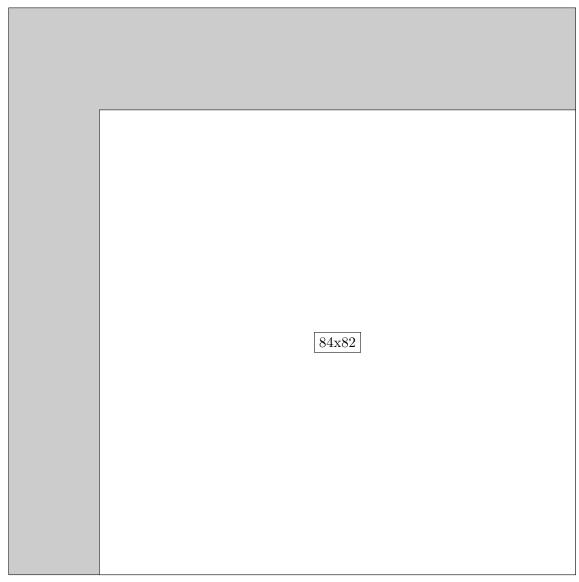
$$\begin{array}{l} w = \! 73 \ , \ h = \! 88 \ , \ x = \! 27 \ , \ y = \! 0 \ , \ v = \! 6424 \\ w = \! 68 \ , \ h = \! 11 \ , \ x = \! 32 \ , \ y = \! 88 \ , \ v = \! 748 \end{array}$$



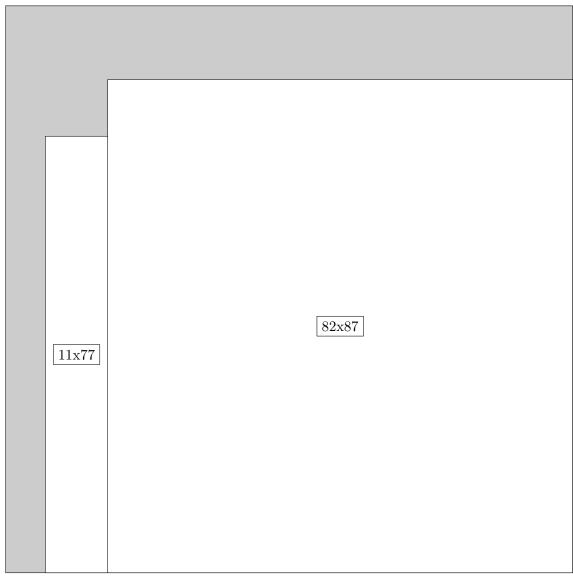
 $\le =96$, h =91 , x =4 , y =0 , v =8736



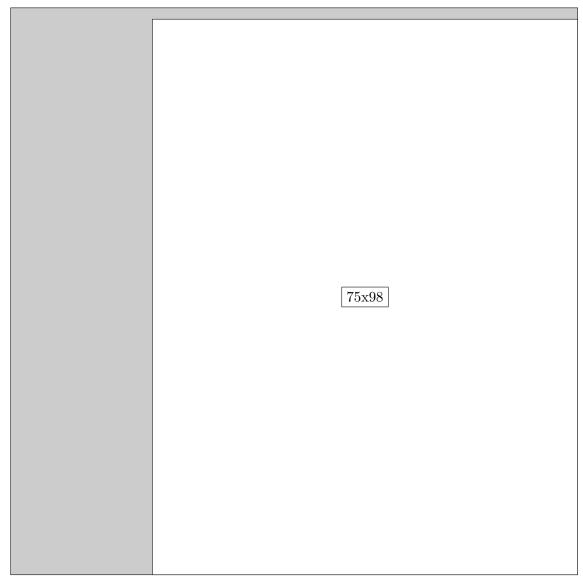
 ≤ 57 , h = 71 , x = 43 , y = 0 , v = 4047



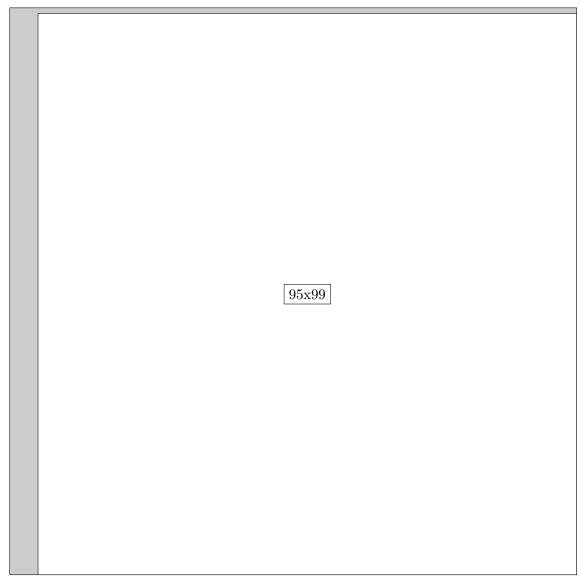
 $\le =84$, h=82 , x=16 , y=0 , v=6888



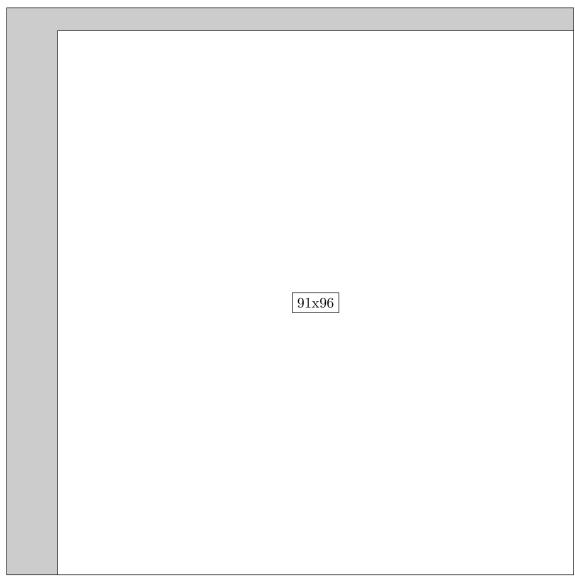
$$\begin{array}{l} w = \! 82 \ , \ h = \! 87 \ , \ x = \! 18 \ , \ y = \! 0 \ , \ v = \! 7134 \\ w = \! 11 \ , \ h = \! 77 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 847 \end{array}$$



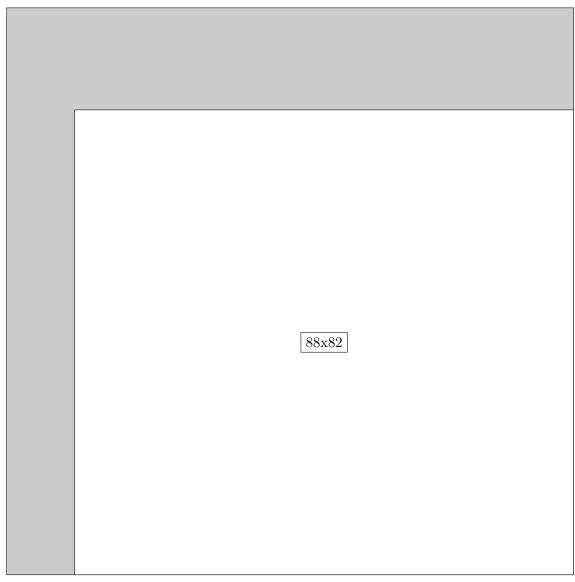
 $\le =75$, h =98 , x =25 , y =0 , v =7350



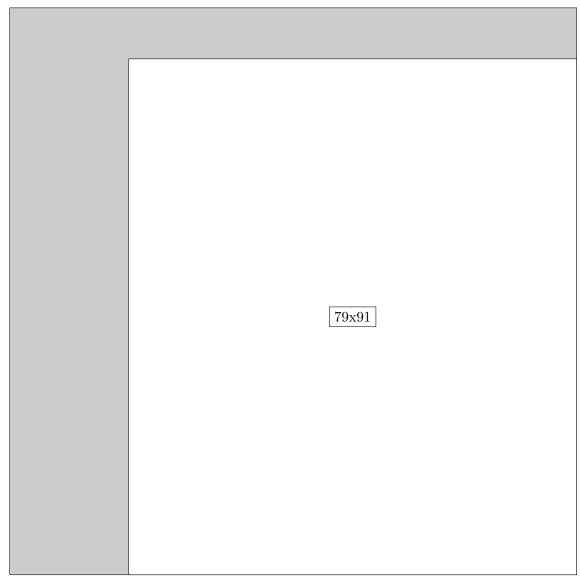
 $\le =95$, h =99 , x =5 , y =0 , v =9405



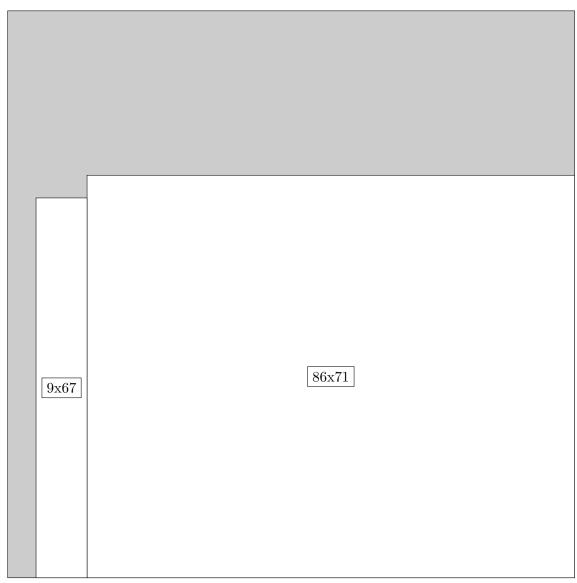
 ≤ -91 , h =96 , x =9 , y =0 , v =8736



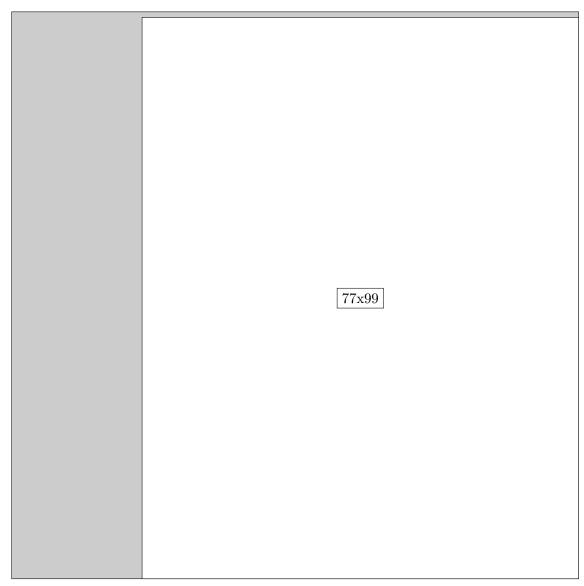
 $\le =88$, h =82 , x =12 , y =0 , v =7216



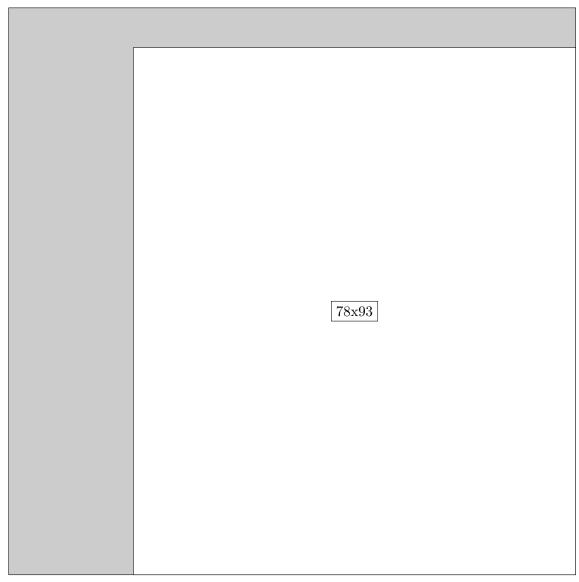
 $\le =79$, h =91 , x =21 , y =0 , v =7189



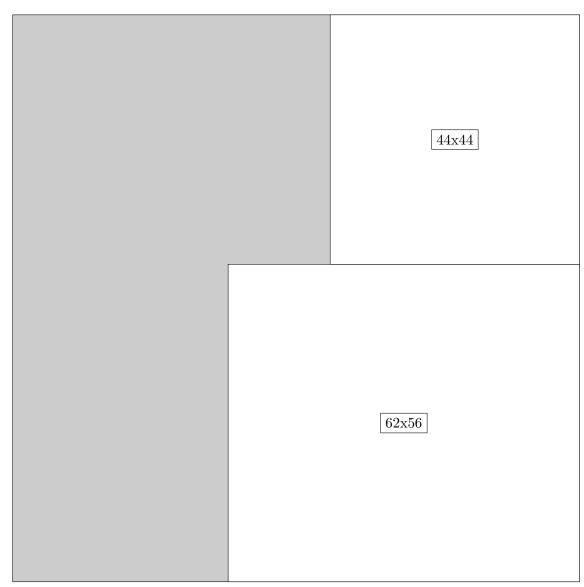
 $\begin{array}{c} w = \!\! 86 \; , \; h = \!\! 71 \; , \; x = \!\! 14 \; , \; y = \!\! 0 \; , \; v = \!\! 6106 \\ w = \!\! 9 \; , \; h = \!\! 67 \; , \; x = \!\! 5 \; , \; y = \!\! 0 \; , \; v = \!\! 603 \end{array}$



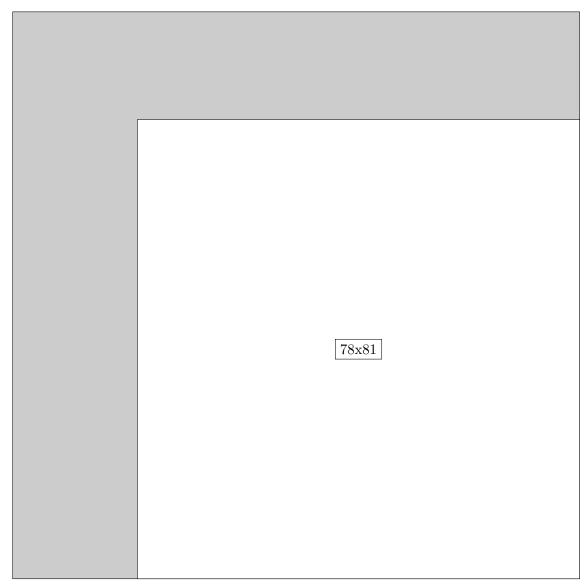
 $\le =77$, h =99 , x =23 , y =0 , v =7623



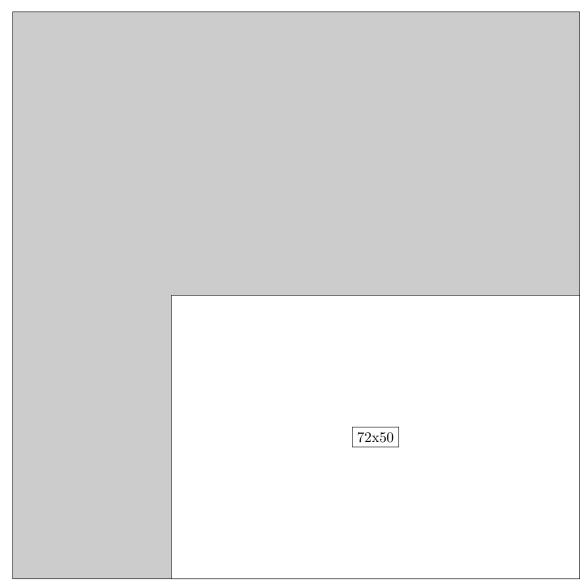
 $\le =78$, h =93 , x =22 , y =0 , v =7254



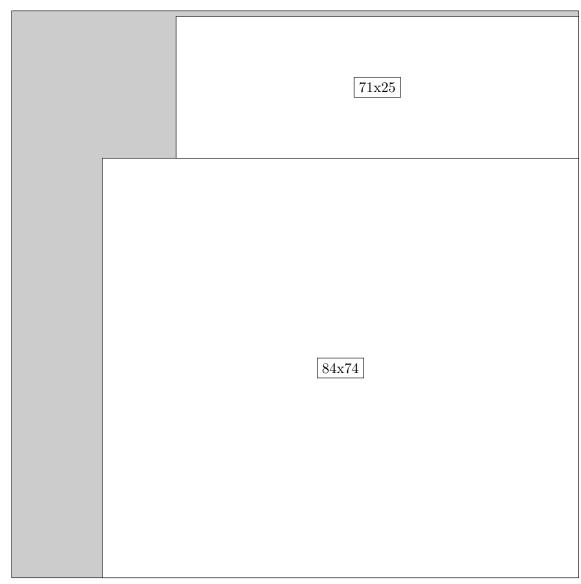
$$\begin{array}{l} w = \!62 \; , \; h = \!56 \; , \; x = \!38 \; , \; y = \!0 \; , \; v = \!3472 \\ w = \!44 \; , \; h = \!44 \; , \; x = \!56 \; , \; y = \!56 \; , \; v = \!1936 \end{array}$$



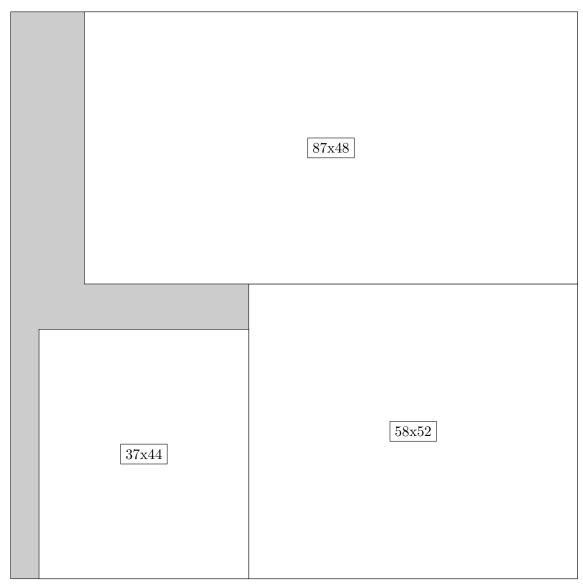
 ≤ -78 , h = 81 , x = 22 , y = 0 , v = 6318



 $\le =72$, h =50 , x =28 , y =0 , v =3600



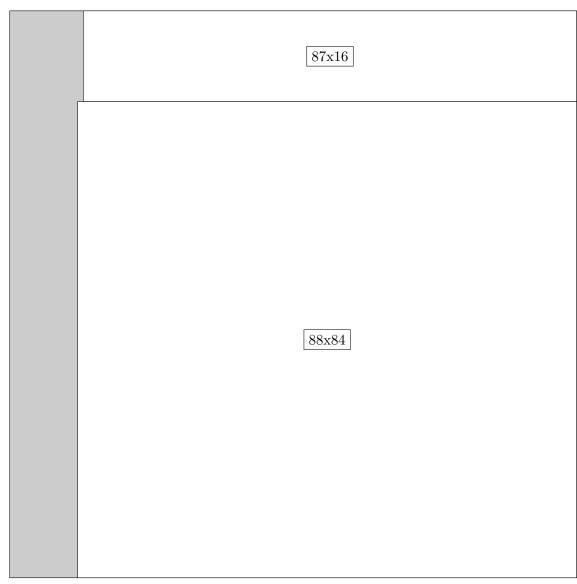
$$\begin{array}{l} w = \! 84 \; , \; h = \! 74 \; , \; x = \! 16 \; , \; y = \! 0 \; , \; v = \! 6216 \\ w = \! 71 \; , \; h = \! 25 \; , \; x = \! 29 \; , \; y = \! 74 \; , \; v = \! 1775 \end{array}$$



$$w = 58$$
, $h = 52$, $x = 42$, $y = 0$, $v = 3016$

$$\le =37$$
 , h =44 , x =5 , y =0 , v =1628

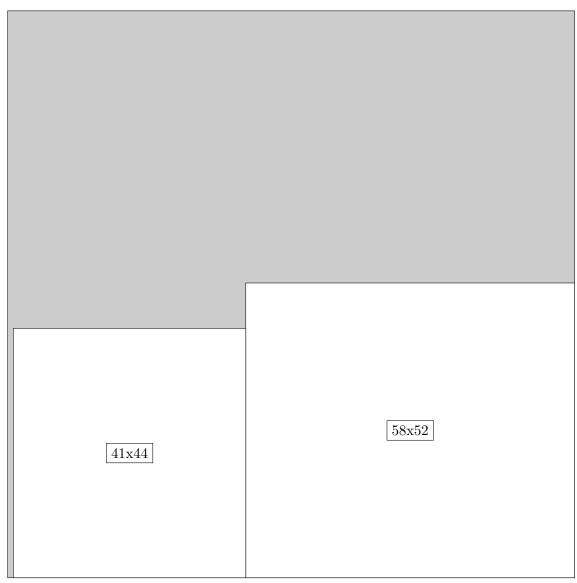
$$\le =87$$
 , h =48 , x =13 , y =52 , v =4176



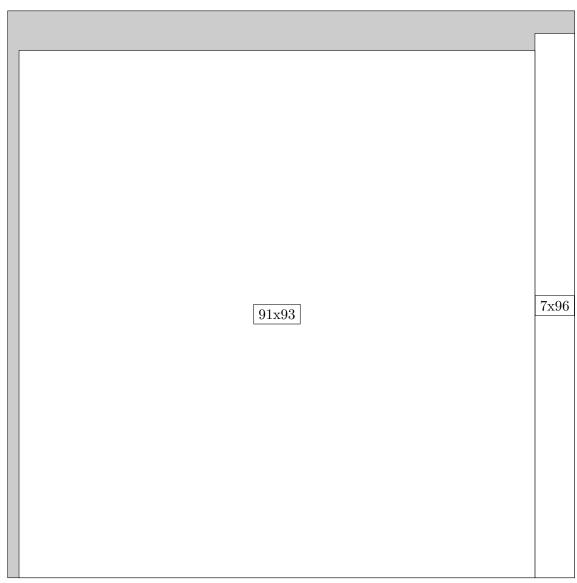
$$\begin{array}{l} w = \! 88 \; , \; h = \! 84 \; , \; x = \! 12 \; , \; y = \! 0 \; , \; v = \! 7392 \\ w = \! 87 \; , \; h = \! 16 \; , \; x = \! 13 \; , \; y = \! 84 \; , \; v = \! 1392 \end{array}$$

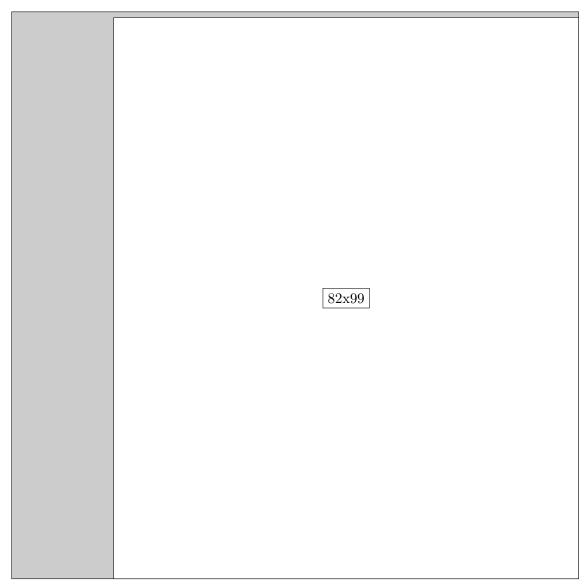


$$\begin{array}{l} w = \! 70 \ , \ h = \! 61 \ , \ x = \! 30 \ , \ y = \! 0 \ , \ v = \! 4270 \\ w = \! 67 \ , \ h = \! 34 \ , \ x = \! 33 \ , \ y = \! 61 \ , \ v = \! 2278 \end{array}$$

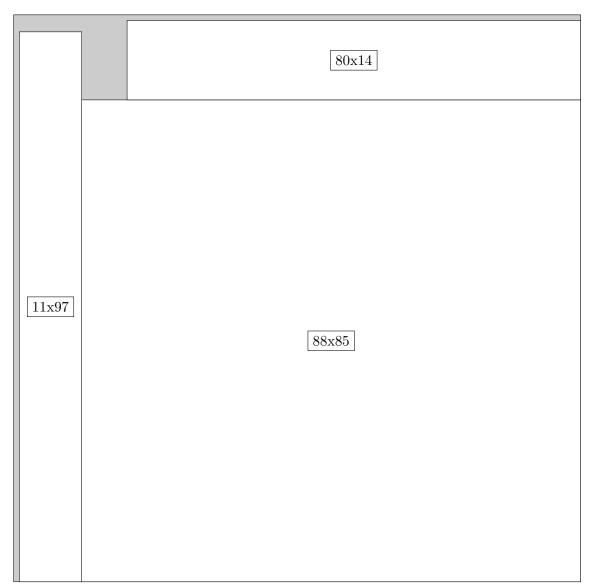


 $\begin{array}{l} w = \! 58 \ , \ h = \! 52 \ , \ x = \! 42 \ , \ y = \! 0 \ , \ v = \! 3016 \\ w = \! 41 \ , \ h = \! 44 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 1804 \end{array}$

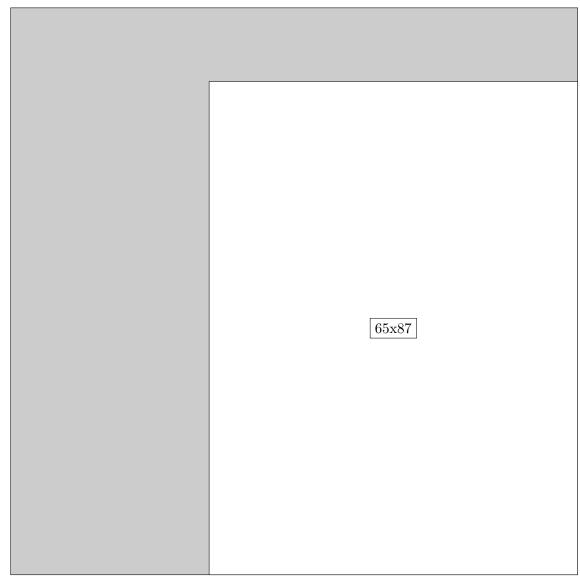




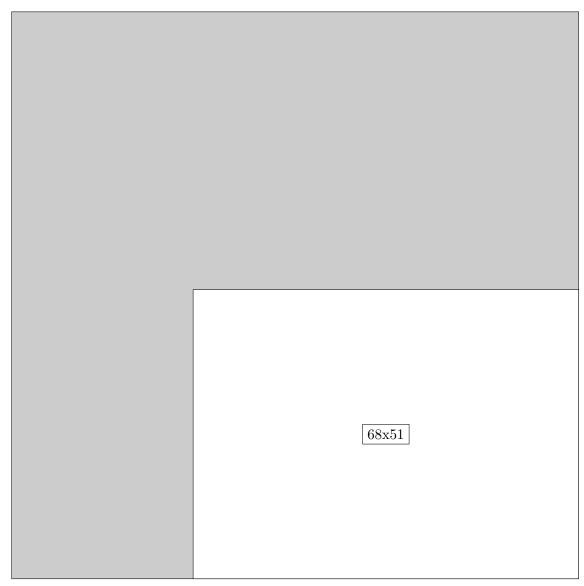
 $\le =82$, h=99 , x=18 , y=0 , v=8118



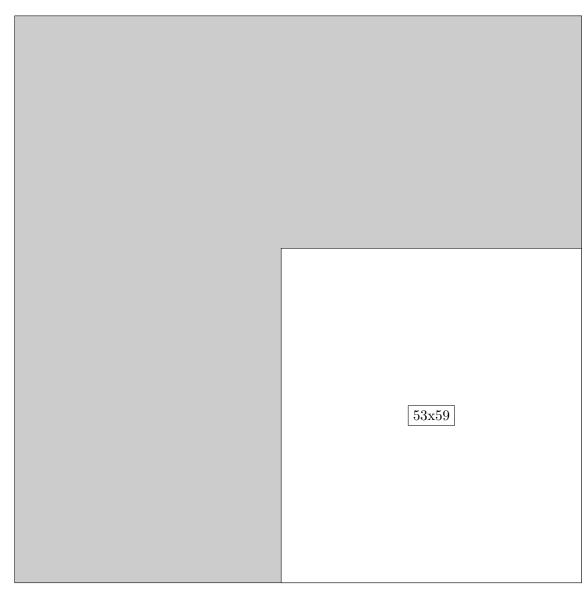
$$\begin{array}{l} w = \! 88 \; , \; h = \! 85 \; , \; x = \! 12 \; , \; y = \! 0 \; , \; v = \! 7480 \\ w = \! 80 \; , \; h = \! 14 \; , \; x = \! 20 \; , \; y = \! 85 \; , \; v = \! 1120 \\ w = \! 11 \; , \; h = \! 97 \; , \; x = \! 1 \; , \; y = \! 0 \; , \; v = \! 1067 \end{array}$$



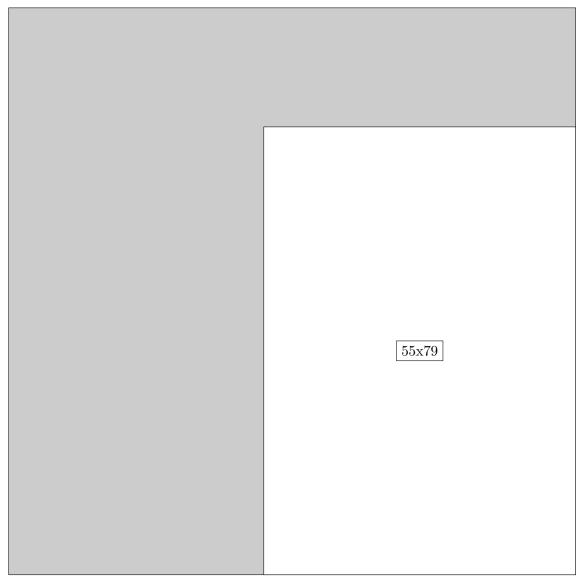
 $\le =65$, h =87 , x =35 , y =0 , v = 5655



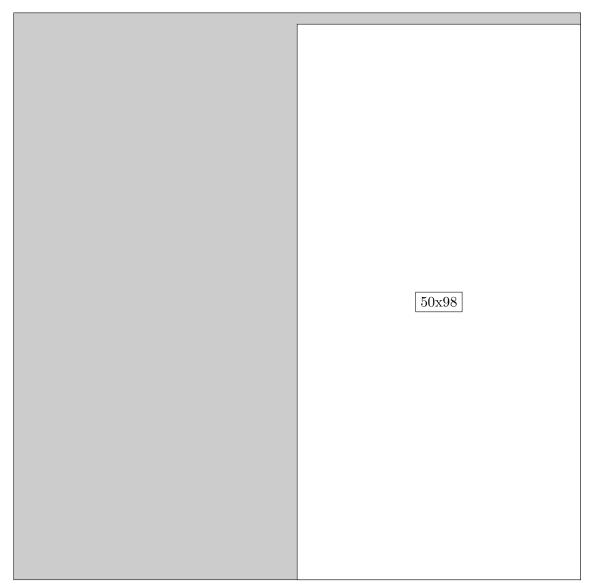
 $\le =68$, h =51 , x =32 , y =0 , v =3468



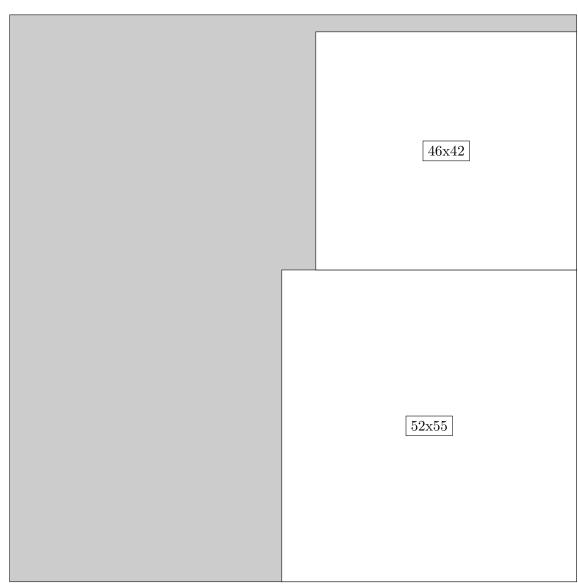
 $\le =53$, h =59 , x =47 , y =0 , v =3127



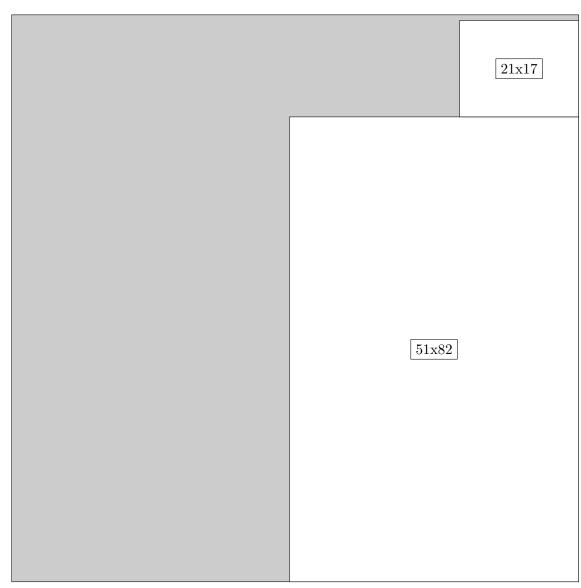
 $\le =55$, h =79 , x =45 , y =0 , v =4345



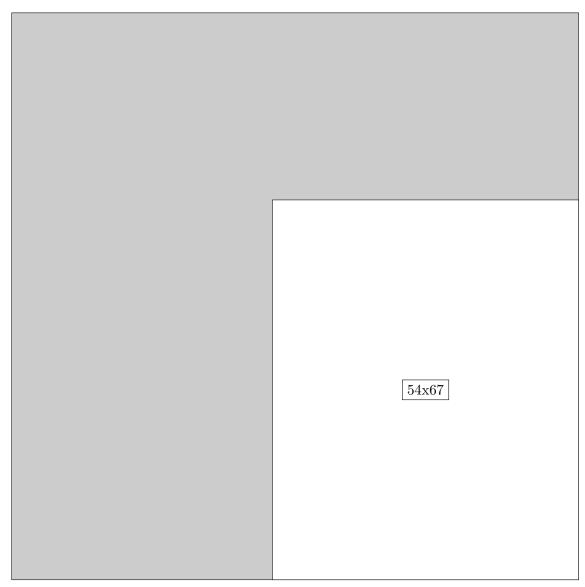
 $\le =50$, h =98 , x =50 , y =0 , v =4900



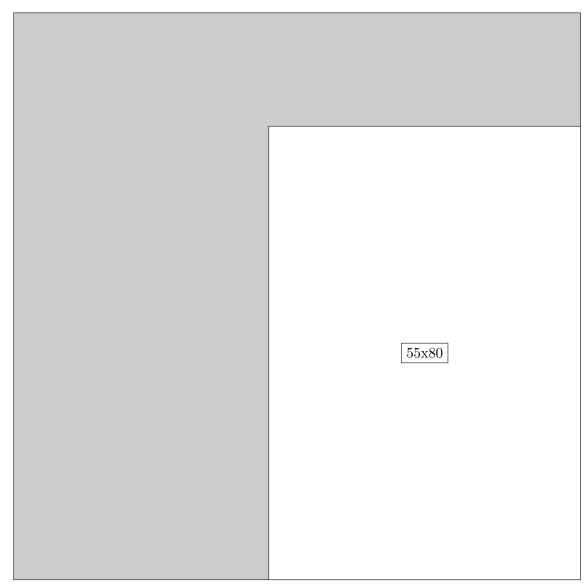
$$\begin{array}{l} w = \!52 \ , \, h = \!55 \ , \, x = \!48 \ , \, y = \!0 \ , \, v = \!2860 \\ w = \!46 \ , \, h = \!42 \ , \, x = \!54 \ , \, y = \!55 \ , \, v = \!1932 \end{array}$$



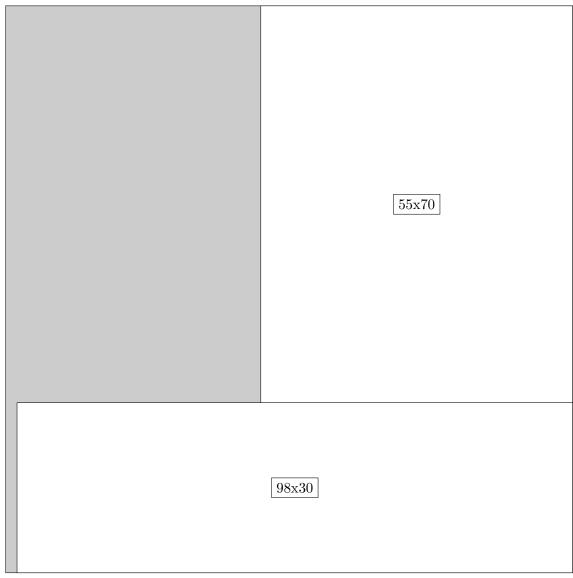
$$\begin{array}{l} w = \! 51 \ , \ h = \! 82 \ , \ x = \! 49 \ , \ y = \! 0 \ , \ v = \! 4182 \\ w = \! 21 \ , \ h = \! 17 \ , \ x = \! 79 \ , \ y = \! 82 \ , \ v = \! 357 \end{array}$$

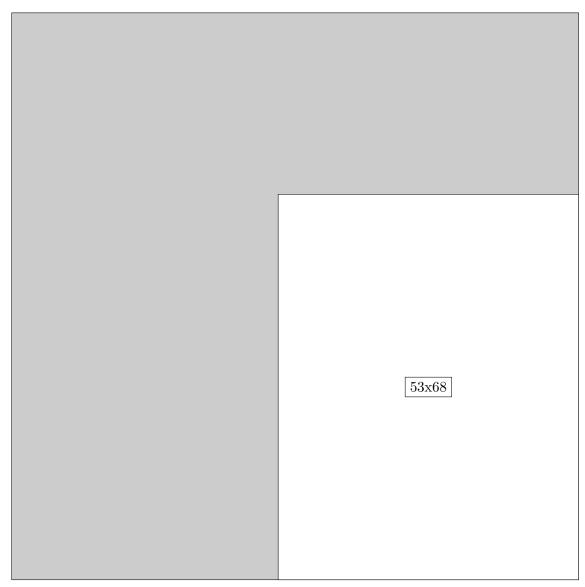


 $\le =54$, h=67 , x=46 , y=0 , v=3618



 $\le =55$, h =80 , x =45 , y =0 , v =4400





 $\le =53$, h =68 , x =47 , y =0 , v =3604