$ClassName: {\bf Class_09.2bp-41}$

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

TypeNum: 99 Num: 100 OutS: 640000 InS: 430560 Rate: 0.673 UB: 64 LB0: 64 LB: 64

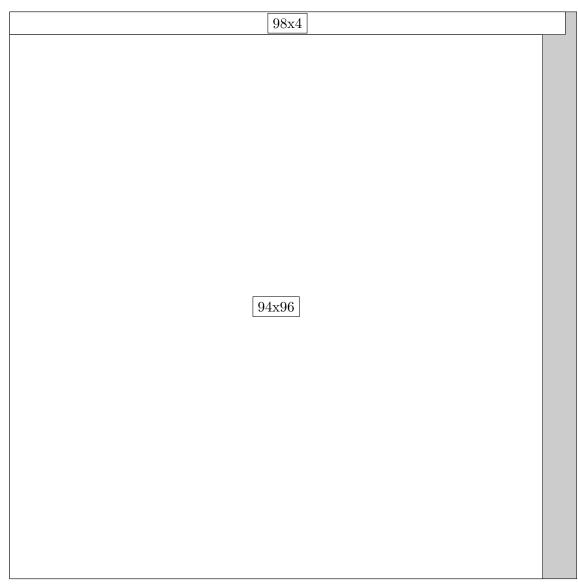
LBWithCut: $\underline{\mathbf{64}}$ NodeCut: $\underline{\mathbf{0}}$

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

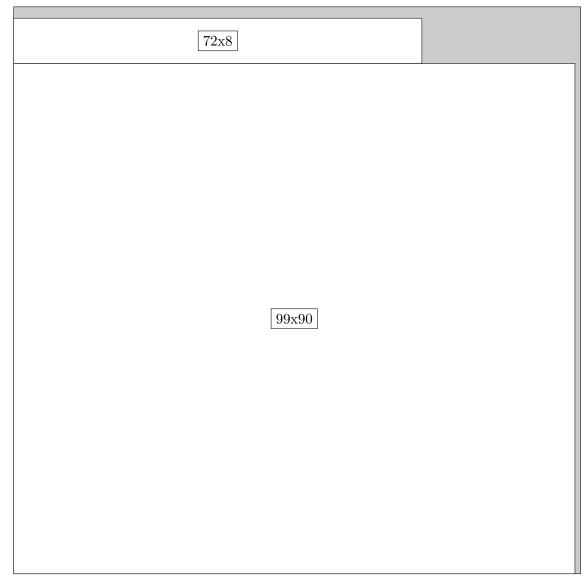
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{64}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

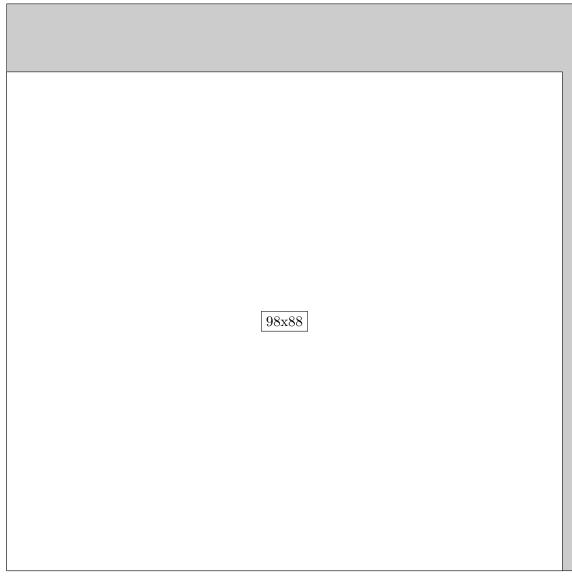
isOpt: $\underline{\mathbf{true}}$

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.680 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.078 \ s} \\ {\rm TotalTime:} \ \underline{0.821 \ s} \end{array}$

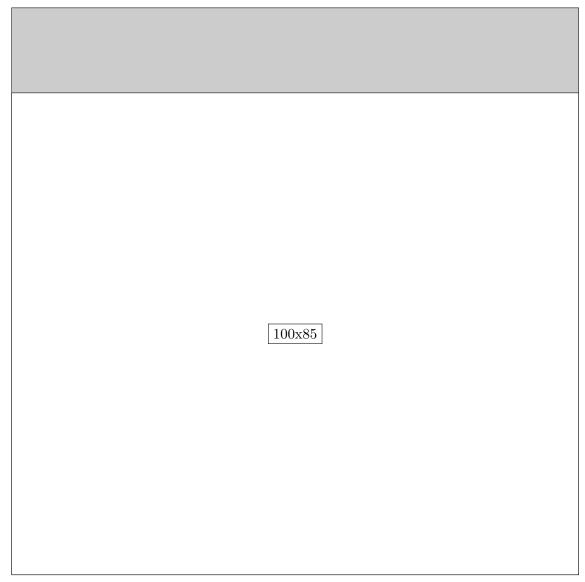


$$\begin{array}{l} w = \! 94 \ , \, h = \! 96 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 9024 \\ w = \! 98 \ , \, h = \! 4 \ , \, x = \! 0 \ , \, y = \! 96 \ , \, v = \! 392 \end{array}$$

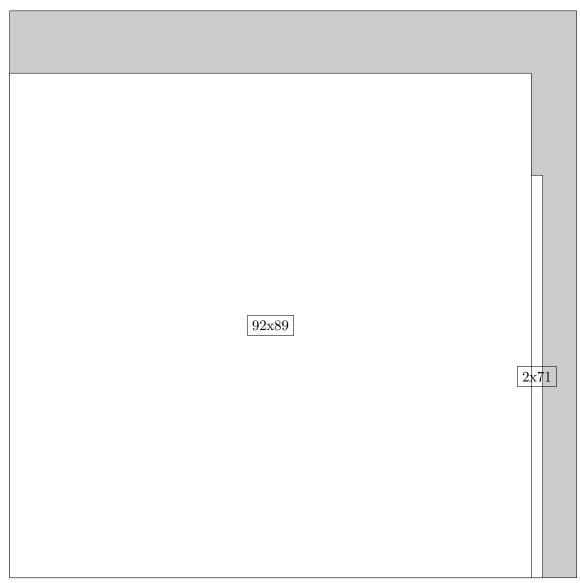




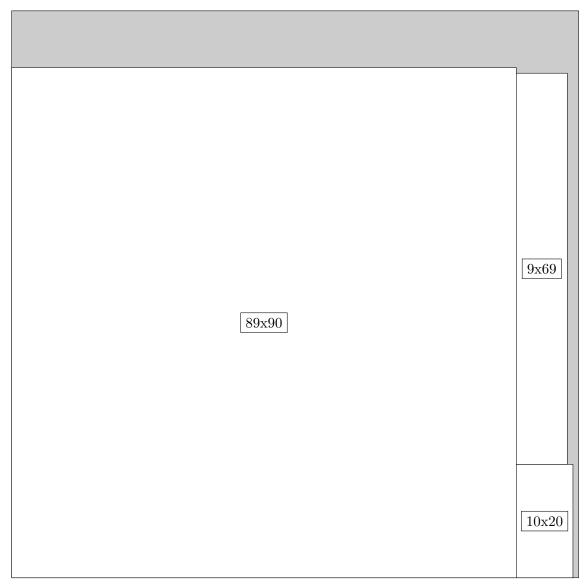
 $\le =98$, h =88 , x =0 , y =0 , v =8624



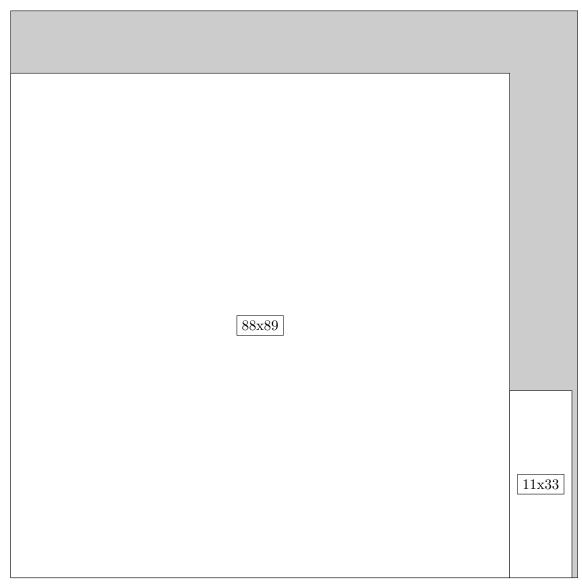
 $\le =100$, h = 85 , x =0 , y =0 , v = 8500

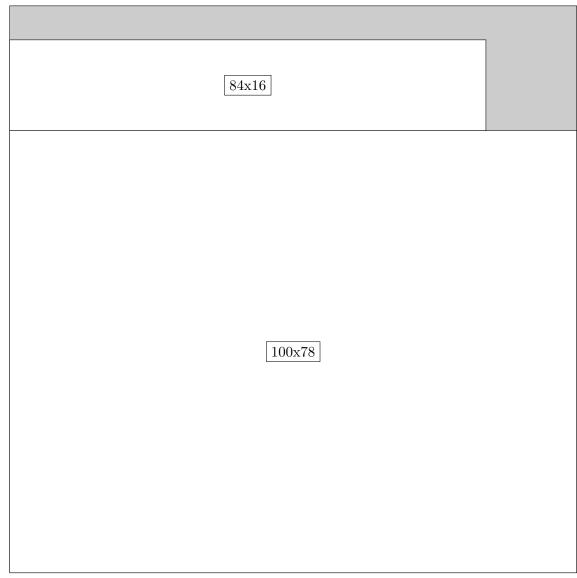


 $\begin{array}{l} w = \! 92 \ , \ h = \! 89 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 8188 \\ w = \! 2 \ , \ h = \! 71 \ , \ x = \! 92 \ , \ y = \! 0 \ , \ v = \! 142 \end{array}$

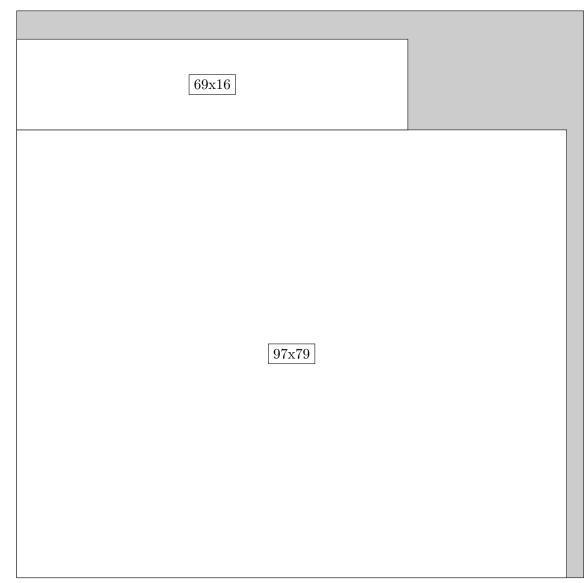


$$\begin{array}{l} w = \! 89 \; , \; h = \! 90 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 8010 \\ w = \! 9 \; , \; h = \! 69 \; , \; x = \! 89 \; , \; y = \! 20 \; , \; v = \! 621 \\ w = \! 10 \; , \; h = \! 20 \; , \; x = \! 89 \; , \; y = \! 0 \; , \; v = \! 200 \end{array}$$

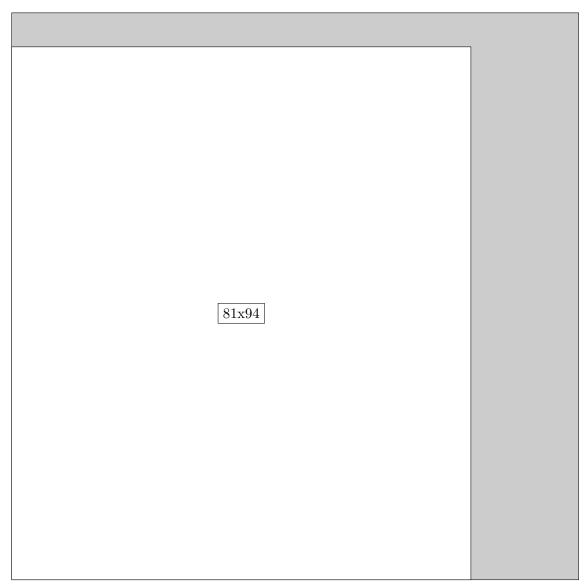




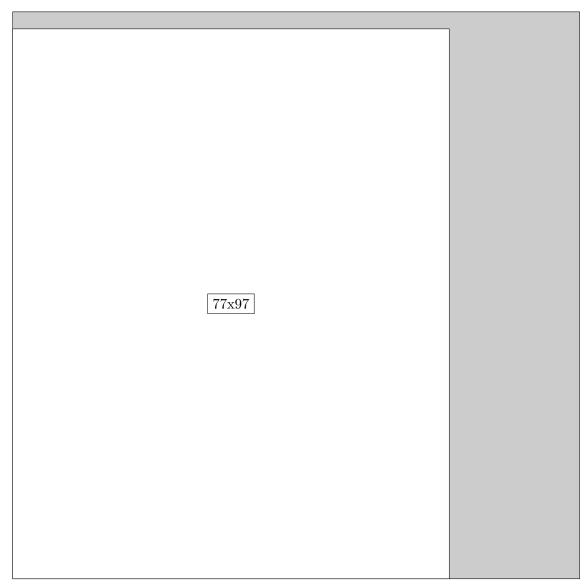
$$w=\!100$$
 , $h=\!78$, $x=\!0$, $y=\!0$, $v=\!7800$ $w=\!84$, $h=\!16$, $x=\!0$, $y=\!78$, $v=\!1344$



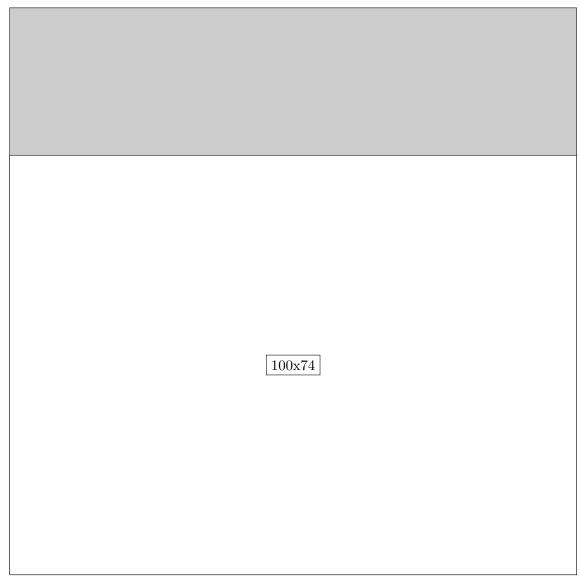
$$\begin{array}{c} w = 97 \; , \; h = 79 \; , \; x = 0 \; , \; y = 0 \; , \; v = 7663 \\ w = 69 \; , \; h = 16 \; , \; x = 0 \; , \; y = 79 \; , \; v = 1104 \\ \end{array}$$



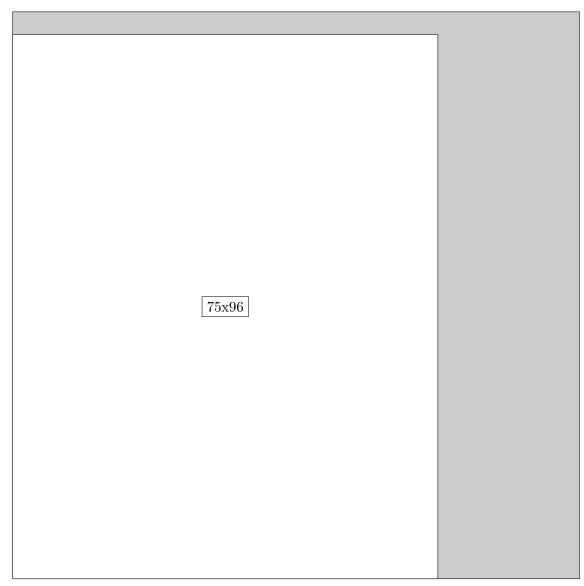
 \mathbf{w} =81 , h =94 , x =0 , y =0 , v =7614



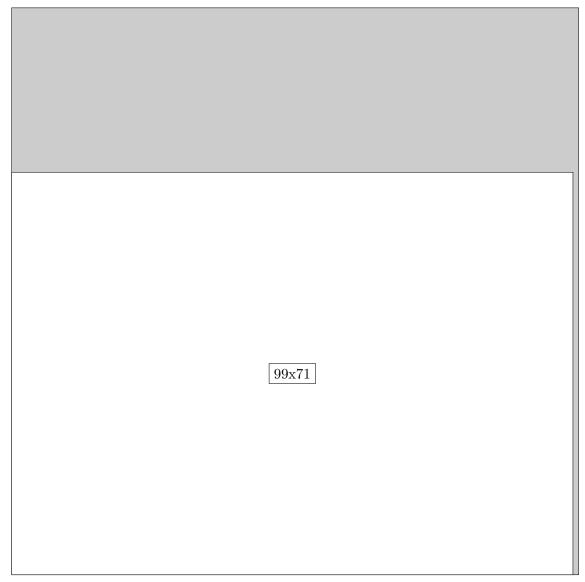
w = 77, h = 97, x = 0, y = 0, v = 7469



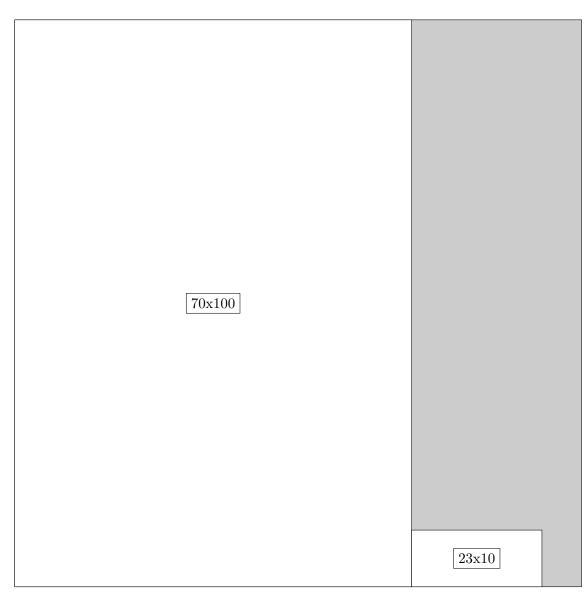
 ≤ 100 , h =74 , x =0 , y =0 , v =7400

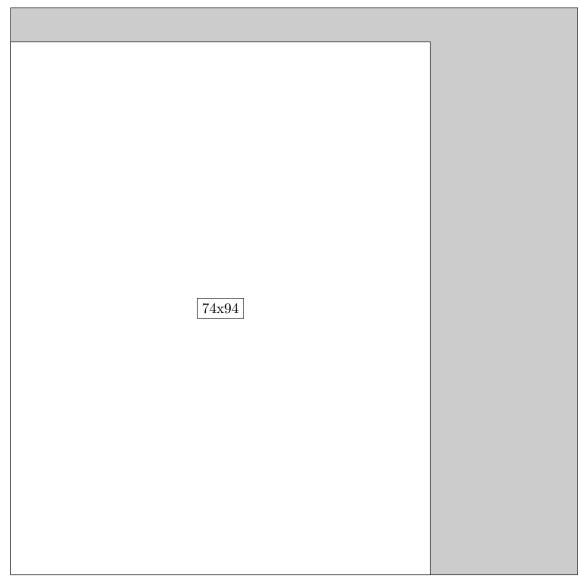


w = 75, h = 96, x = 0, y = 0, v = 7200

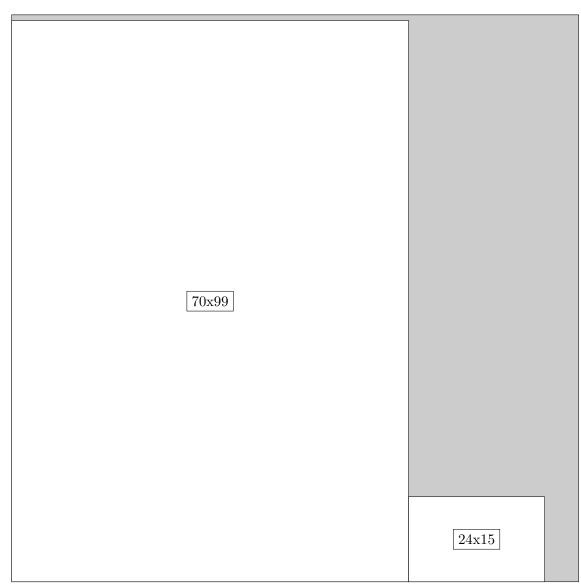


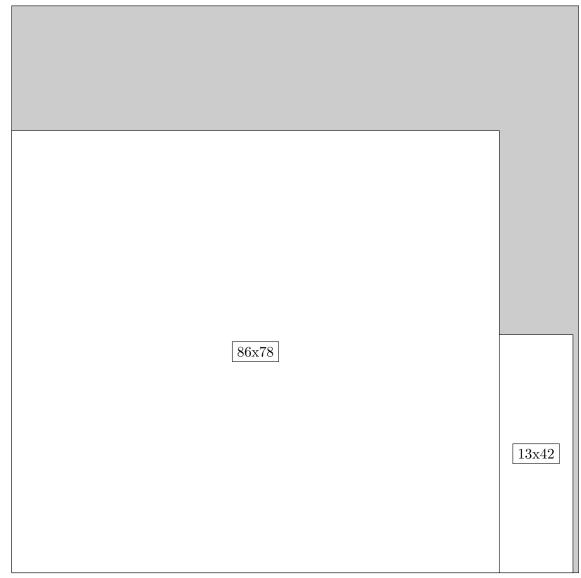
 $\overline{w} = 99$, h = 71, x = 0, y = 0, v = 7029

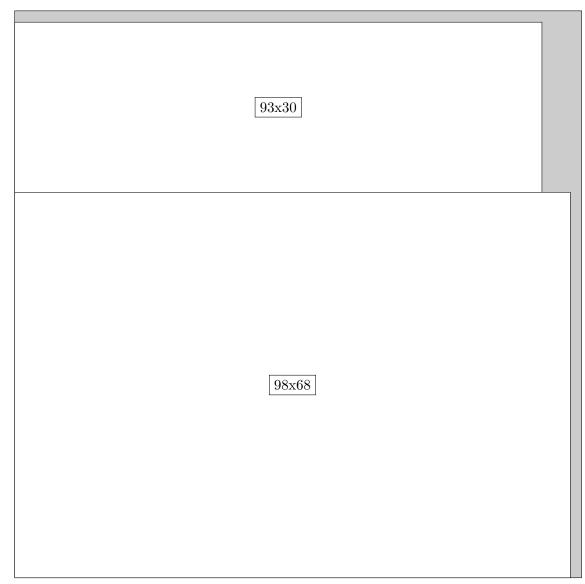


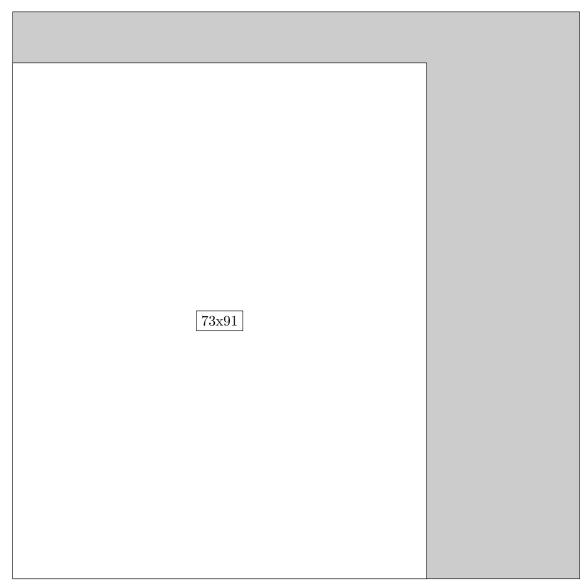


w = 74, h = 94, x = 0, y = 0, v = 6956

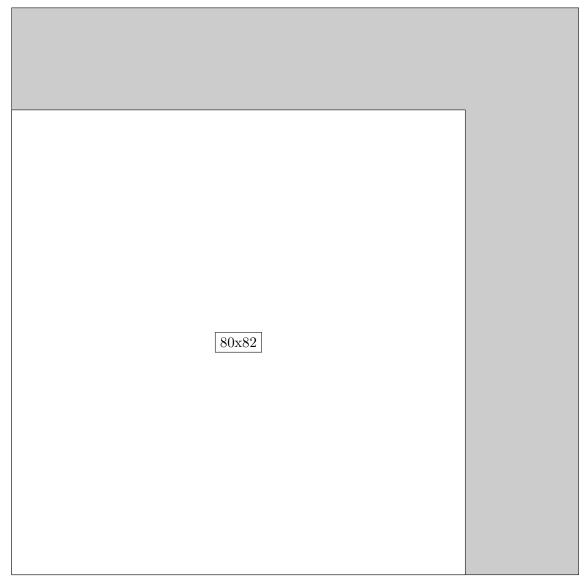








w = 73, h = 91, x = 0, y = 0, v = 6643



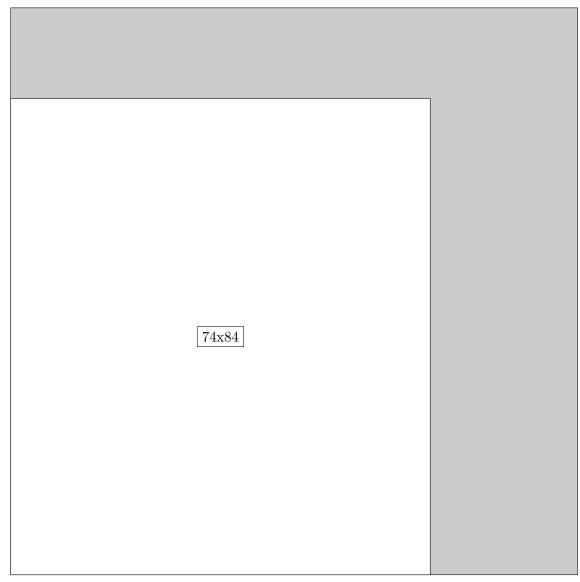
w = 80, h = 82, x = 0, y = 0, v = 6560



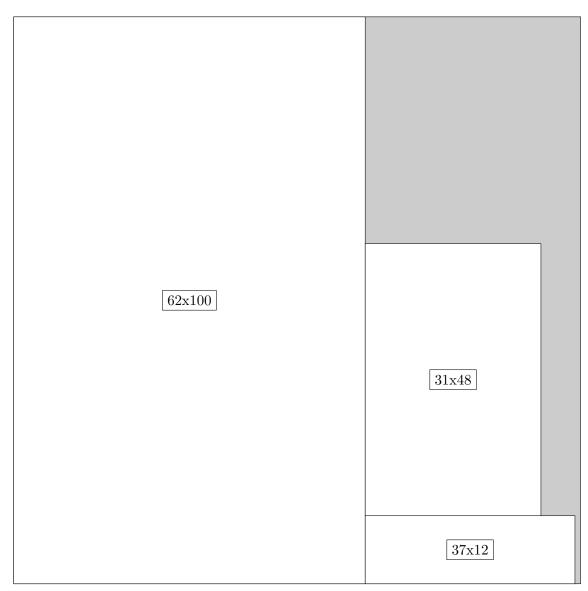
 $\le =80$, h =79 , x =0 , y =0 , v =6320



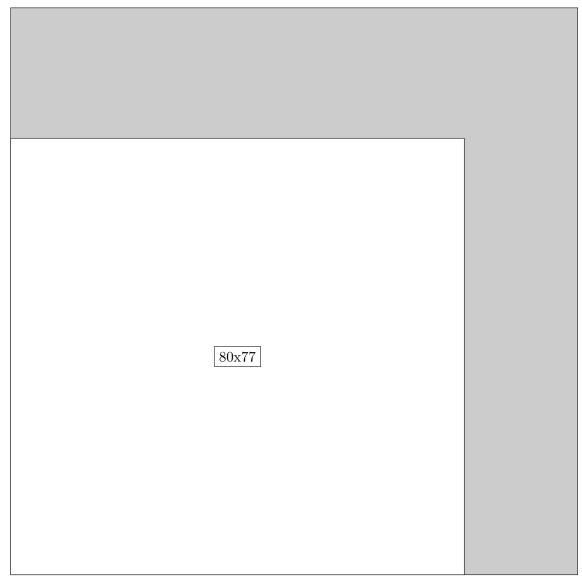
 $\le =80$, h =79 , x =0 , y =0 , v =6320



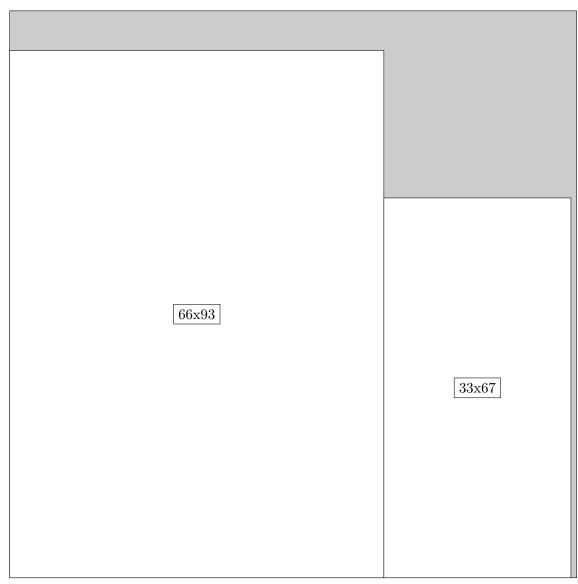
w = 74, h = 84, x = 0, y = 0, v = 6216



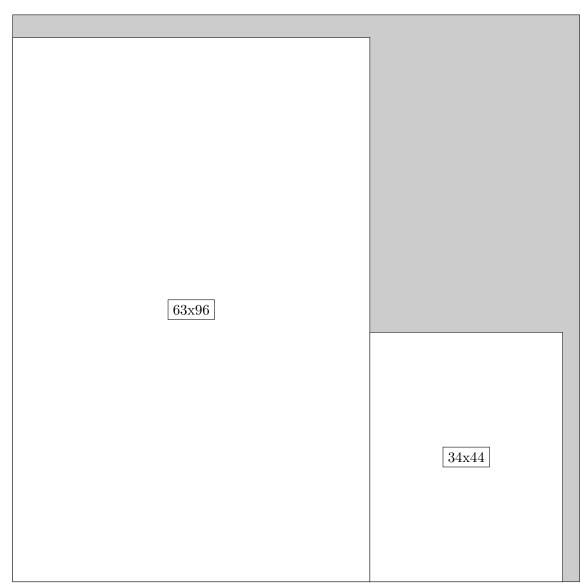
$$\begin{array}{l} w = \!62 \; , \; h = \!100 \; , \; x = \!0 \; , \; y = \!0 \; , \; v = \!6200 \\ w = \!31 \; , \; h = \!48 \; , \; x = \!62 \; , \; y = \!12 \; , \; v = \!1488 \\ w = \!37 \; , \; h = \!12 \; , \; x = \!62 \; , \; y = \!0 \; , \; v = \!444 \end{array}$$



 \mathbf{w} =80 , h =77 , x =0 , y =0 , v =6160

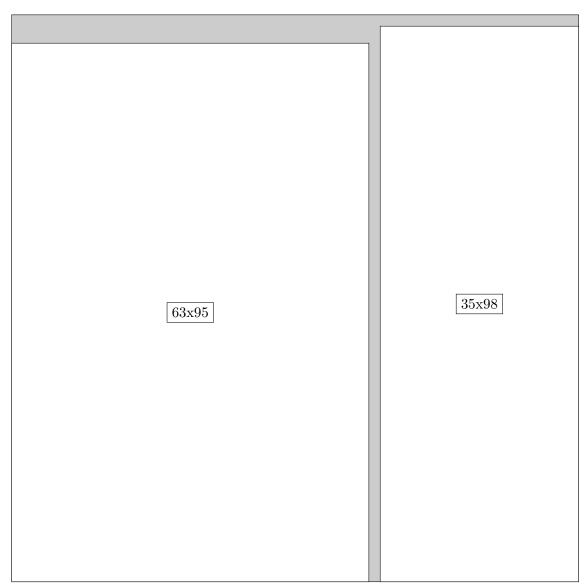


$$\begin{array}{c} w = \!\!\! 66 \; , \; h = \!\!\! 93 \; , \; x = \!\!\! 0 \; , \; y = \!\!\! 0 \; , \; v = \!\!\! 6138 \\ w = \!\!\! 33 \; , \; h = \!\!\! 67 \; , \; x = \!\!\! 66 \; , \; y = \!\!\! 0 \; , \; v = \!\!\! 2211 \\ \end{array}$$

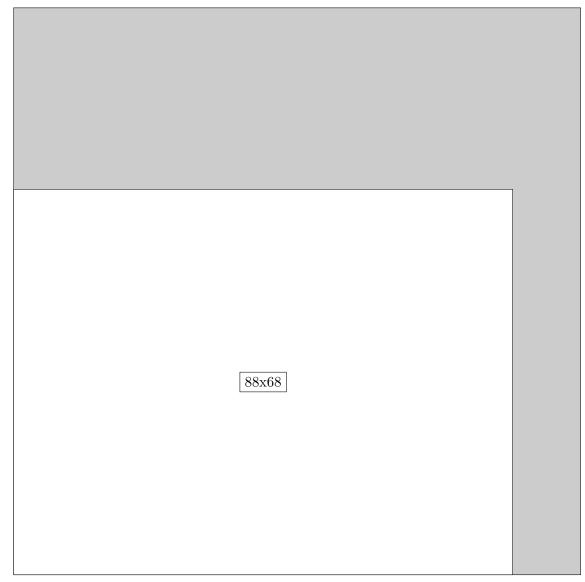




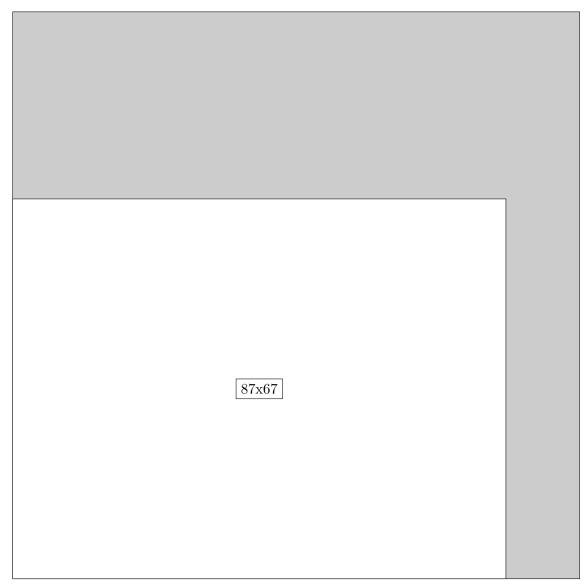
$$\begin{array}{l} w = \! 97 \ , \ h = \! 62 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6014 \\ w = \! 80 \ , \ h = \! 36 \ , \ x = \! 0 \ , \ y = \! 62 \ , \ v = \! 2880 \end{array}$$



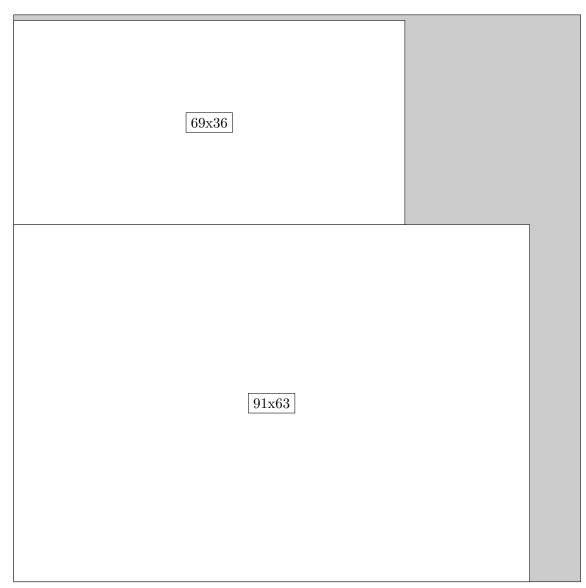
$$\begin{array}{c} w = \!63 \; , \; h = \!95 \; , \; x = \!0 \; , \; y = \!0 \; , \; v = \!5985 \\ w = \!35 \; , \; h = \!98 \; , \; x = \!65 \; , \; y = \!0 \; , \; v = \!3430 \\ \end{array}$$

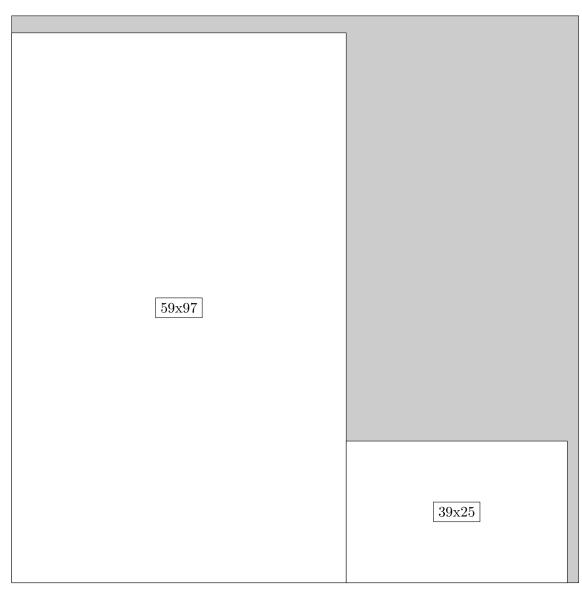


 $\le =88$, h =68 , x =0 , y =0 , v =5984

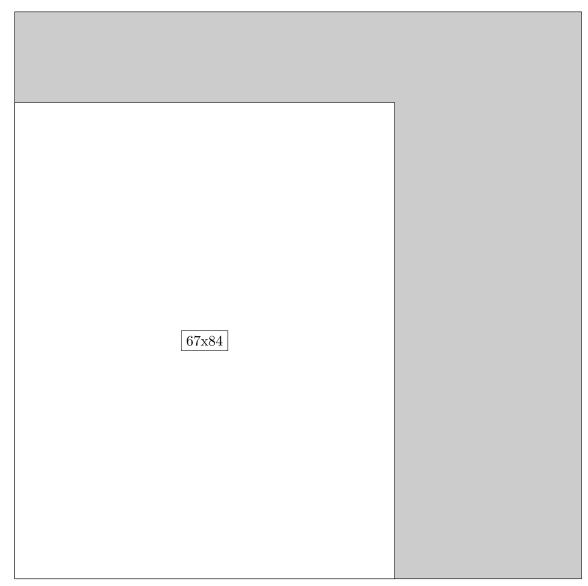


w = 87, h = 67, x = 0, y = 0, v = 5829

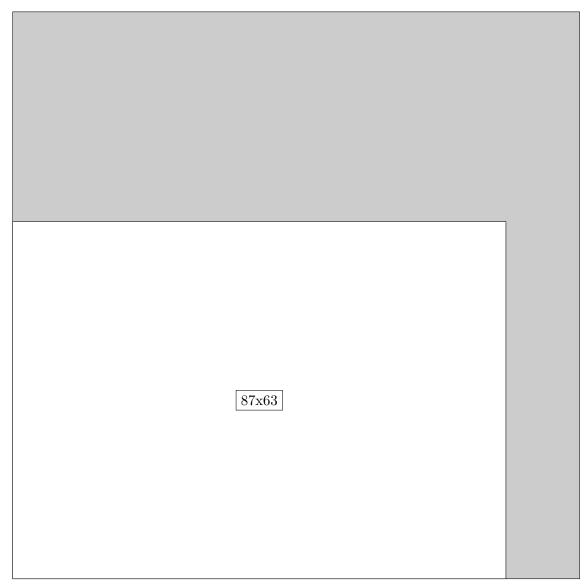




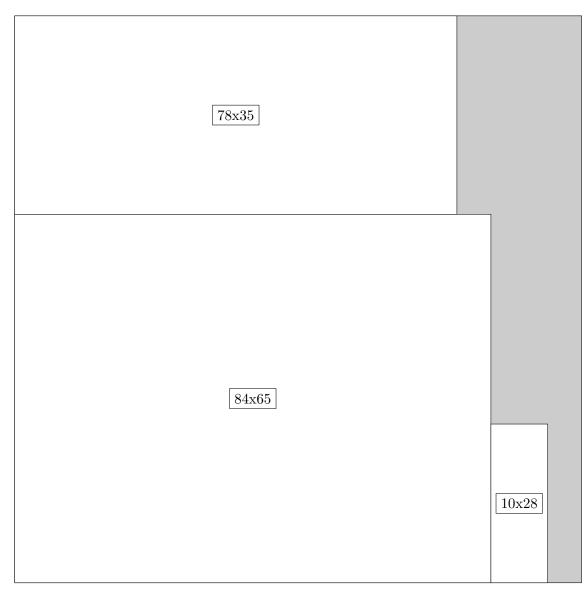
$$\begin{array}{c} w = 59 \; , \; h = 97 \; , \; x = 0 \; , \; y = 0 \; , \; v = 5723 \\ w = 39 \; , \; h = 25 \; , \; x = 59 \; , \; y = 0 \; , \; v = 975 \\ \end{array}$$



w = 67, h = 84, x = 0, y = 0, v = 5628



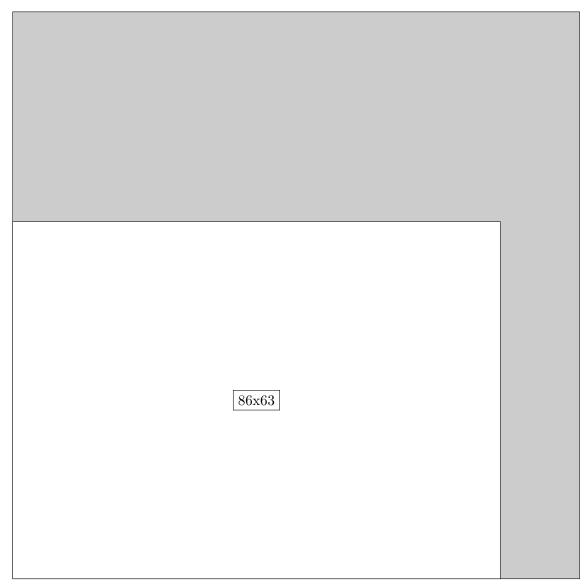
w = 87, h = 63, x = 0, y = 0, v = 5481



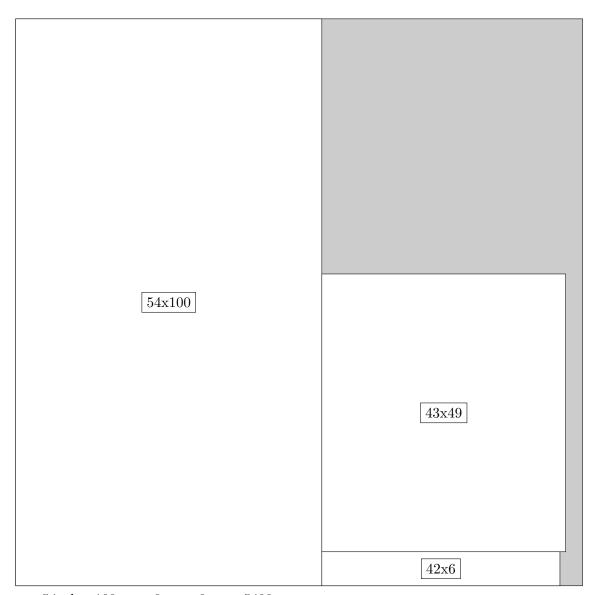
$$\mathbf{w}$$
 =84 , h =65 , x =0 , y =0 , v =5460

$$\le =78$$
 , h =35 , x =0 , y =65 , v =2730

$$\le =10$$
 , h =28 , x =84 , y =0 , v =280

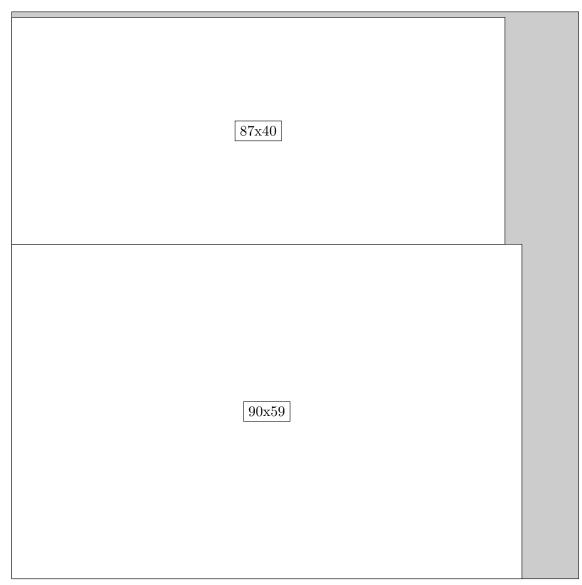


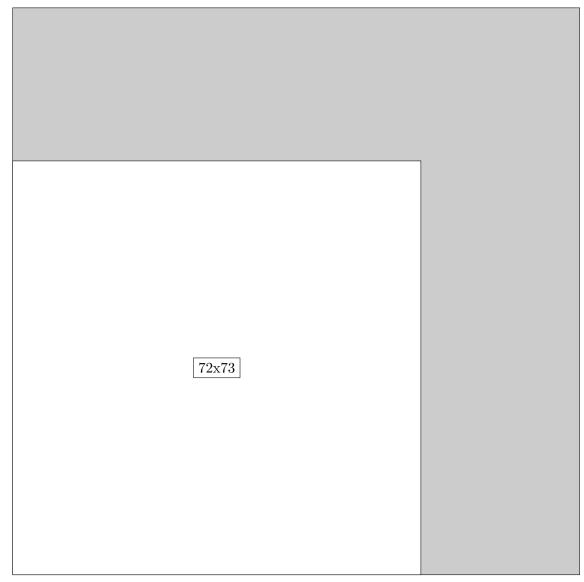
 $\le =86$, h =63 , x =0 , y =0 , v =5418



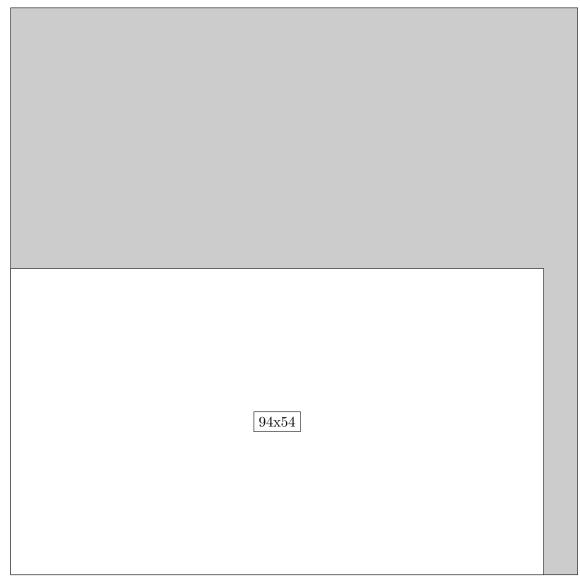
 $w=\!54$, $h=\!100$, $x=\!0$, $y=\!0$, $v=\!5400$ $w=\!43$, $h=\!49$, $x=\!54$, $y=\!6$, $v=\!2107$

 ≤ 42 , h =6 , x =54 , y =0 , v =252

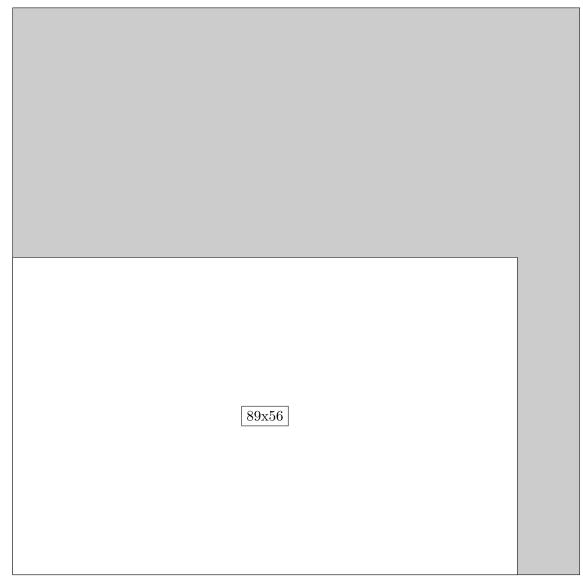




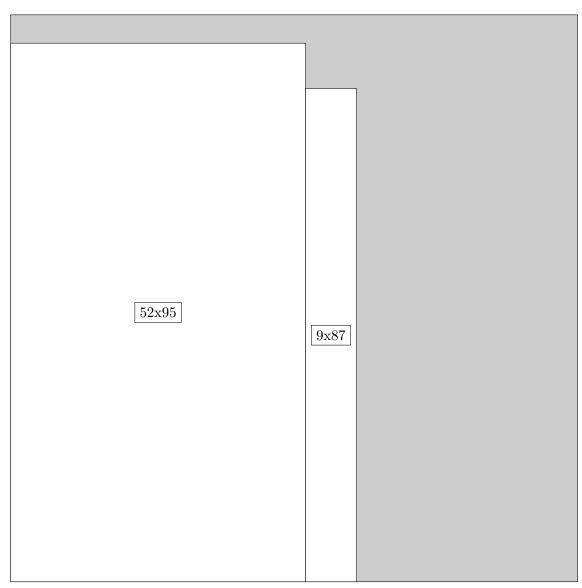
 $\le =72$, h =73 , x =0 , y =0 , v =5256



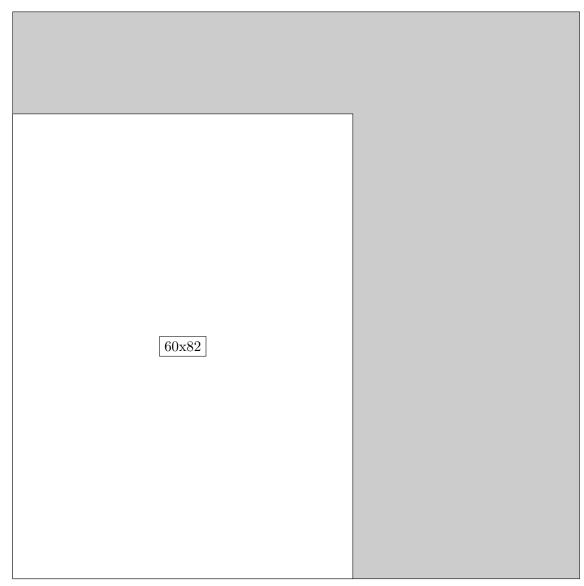
w = 94, h = 54, x = 0, y = 0, v = 5076



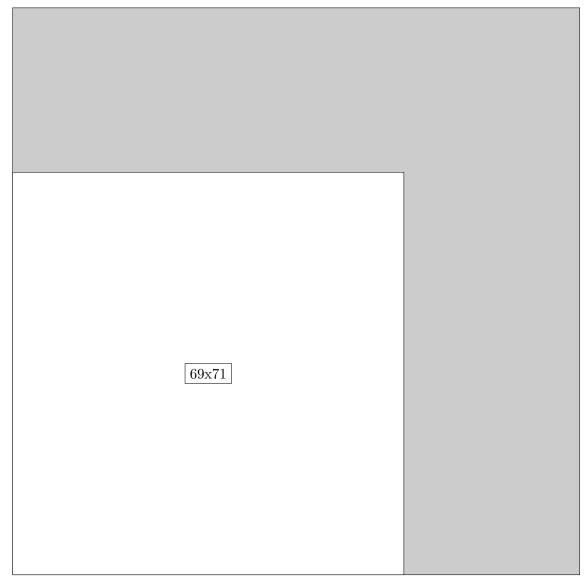
 $\le =89$, h = 56 , x =0 , y = 0 , v = 4984



w = 52, h = 95, x = 0, y = 0, v = 4940 w = 9, h = 87, x = 52, y = 0, v = 783



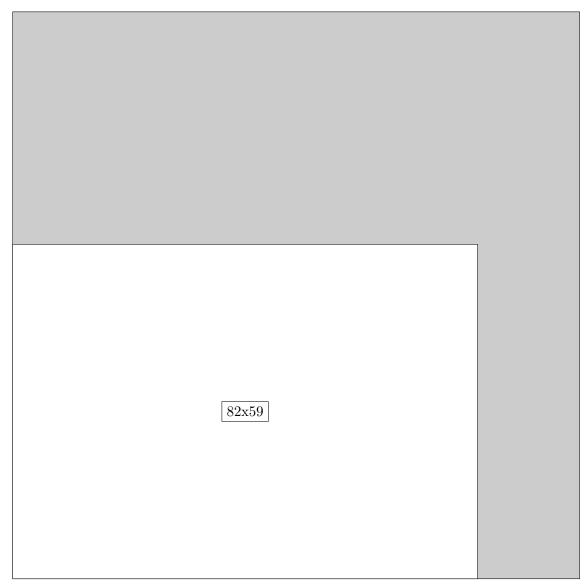
w = 60, h = 82, x = 0, y = 0, v = 4920



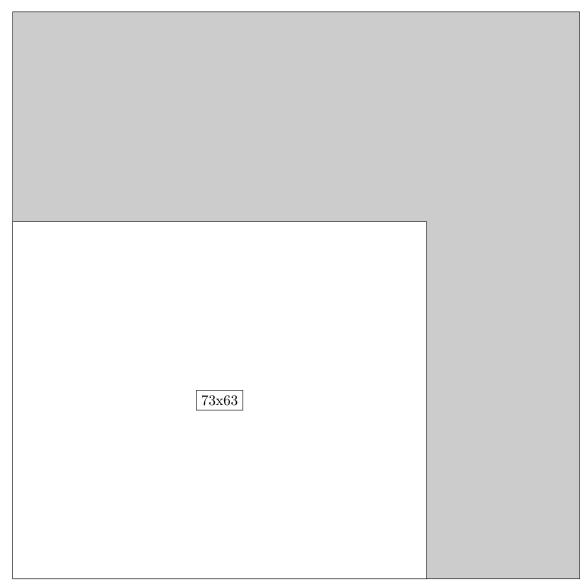
 $\overline{\mathbf{w}} = 69$, $\mathbf{h} = 71$, $\mathbf{x} = 0$, $\mathbf{y} = 0$, $\mathbf{v} = 4899$



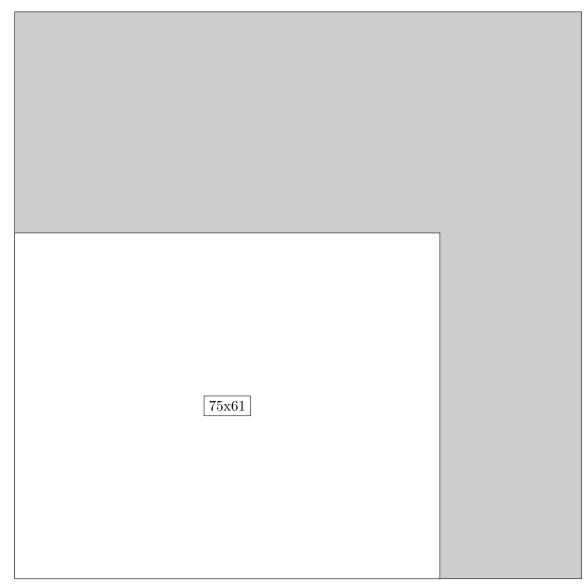
$$\begin{array}{c} w = \! 95 \; , \; h = \! 51 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 4845 \\ w = \! 93 \; , \; h = \! 47 \; , \; x = \! 0 \; , \; y = \! 51 \; , \; v = \! 4371 \end{array}$$



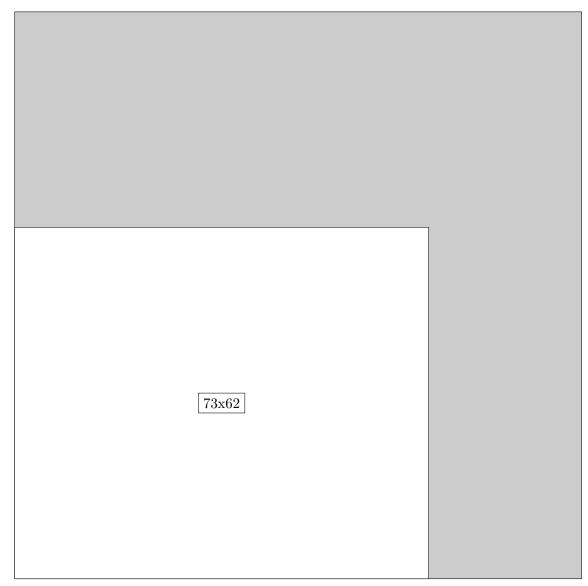
 $\le =82$, h =59 , x =0 , y =0 , v =4838



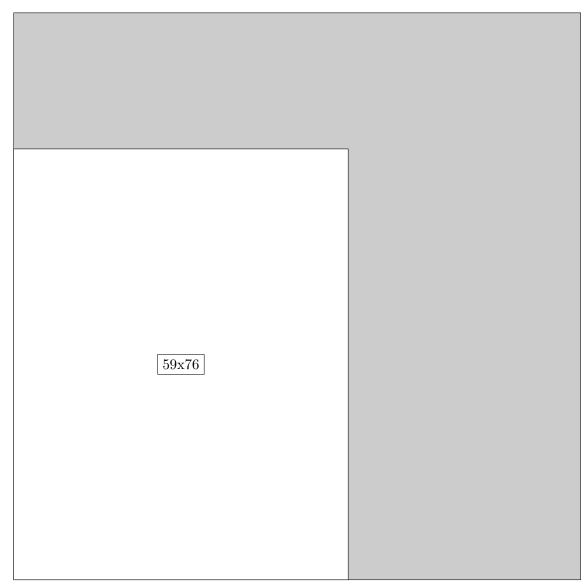
w = 73, h = 63, x = 0, y = 0, v = 4599



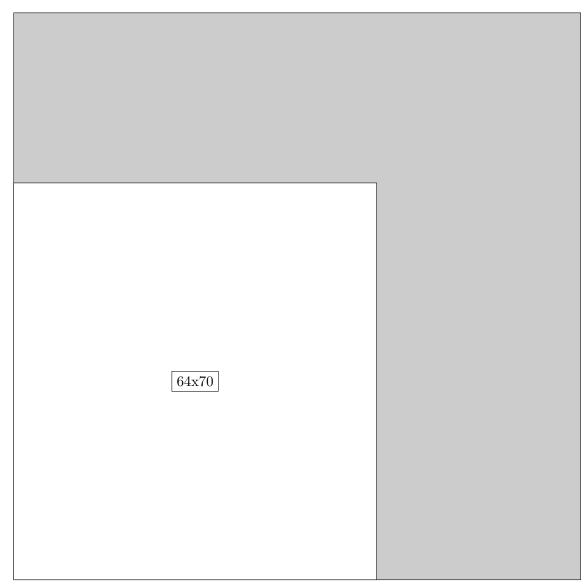
w = 75, h = 61, x = 0, y = 0, v = 4575



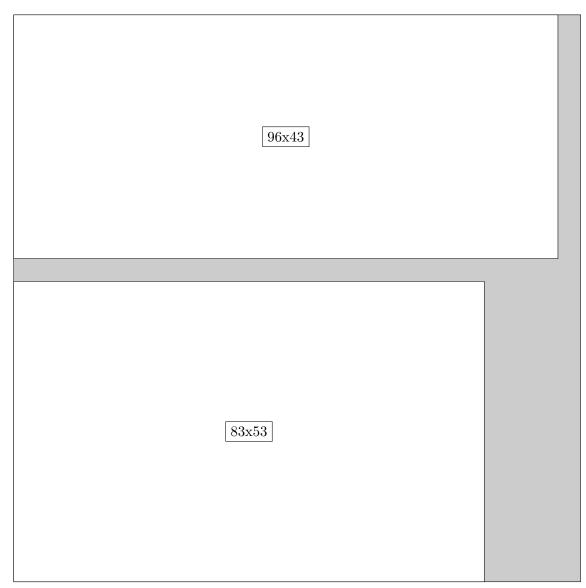
w = 73, h = 62, x = 0, y = 0, v = 4526

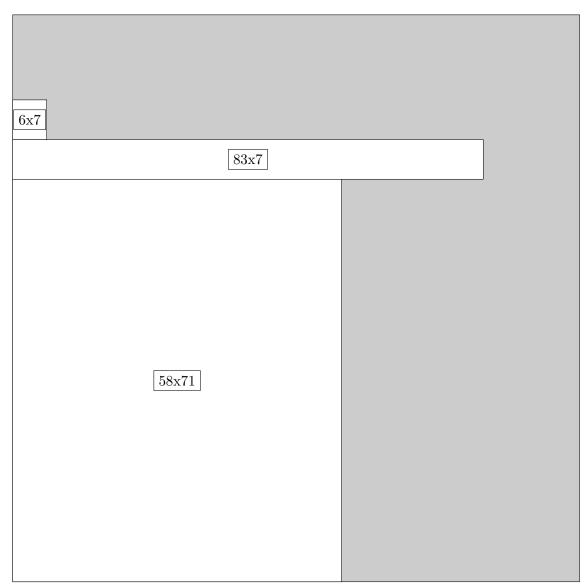


 \mathbf{w} =59 , h =76 , x =0 , y =0 , v =4484

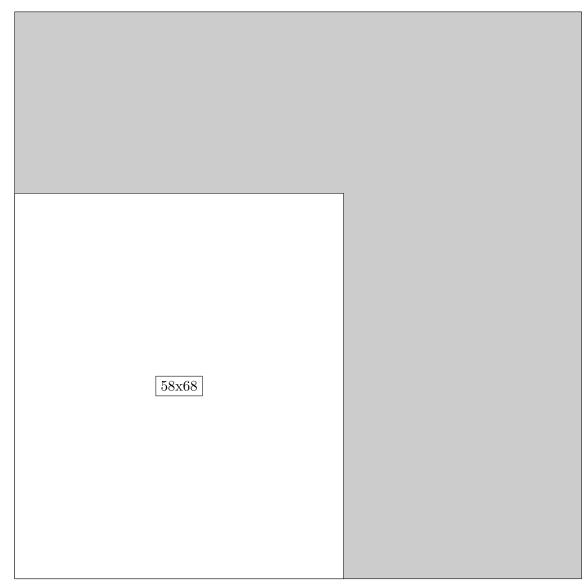


w = 64, h = 70, x = 0, y = 0, v = 4480

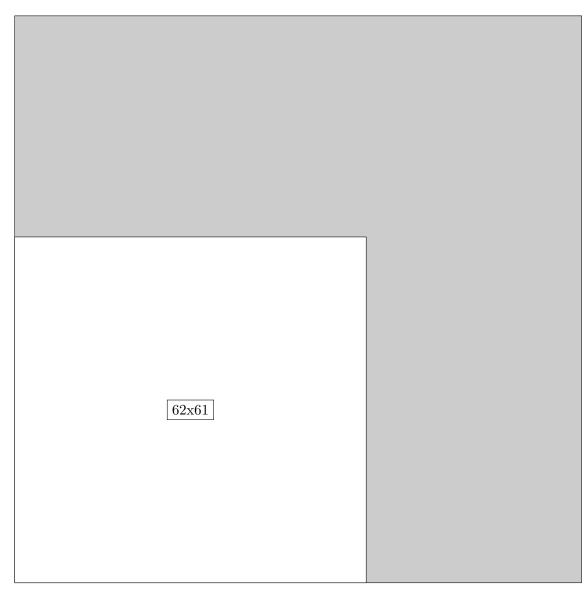




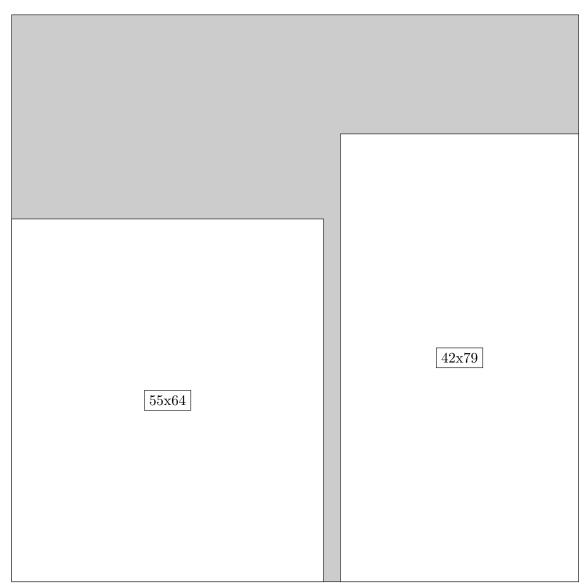
 $\begin{array}{l} w = \!\!58 \;,\; h = \!\!71 \;,\; x = \!\!0 \;,\; y = \!\!0 \;,\; v = \!\!4118 \\ w = \!\!83 \;,\; h = \!\!7 \;,\; x = \!\!0 \;,\; y = \!\!71 \;,\; v = \!\!581 \\ w = \!\!6 \;,\; h = \!\!7 \;,\; x = \!\!0 \;,\; y = \!\!78 \;,\; v = \!\!42 \end{array}$

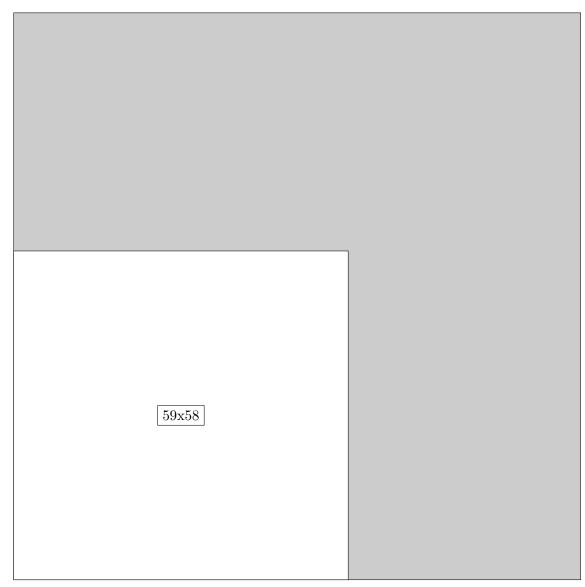


w = 58, h = 68, x = 0, y = 0, v = 3944

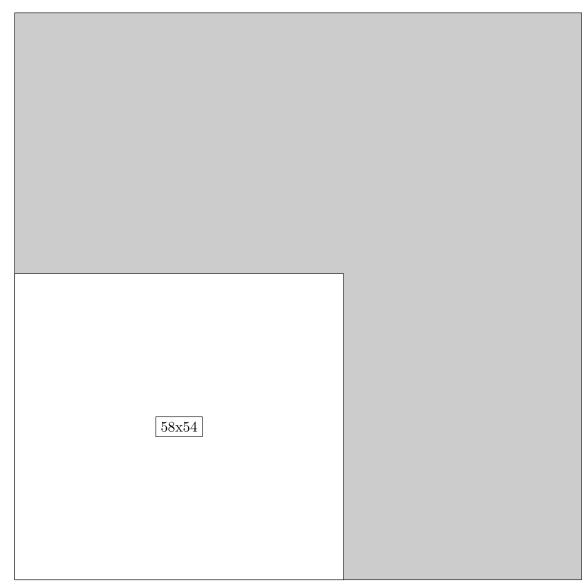


w = 62, h = 61, x = 0, y = 0, v = 3782

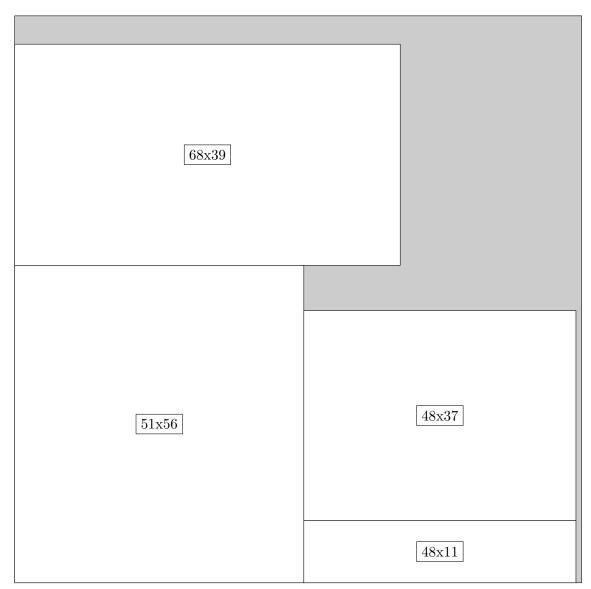




 $\le =59$, h =58 , x =0 , y =0 , v =3422



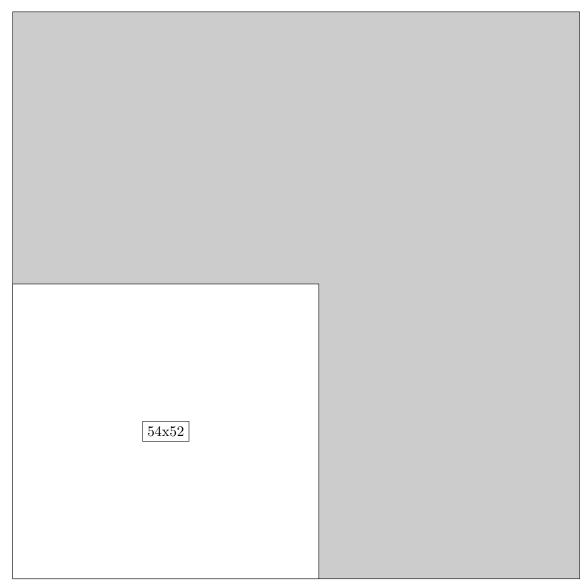
w = 58, h = 54, x = 0, y = 0, v = 3132



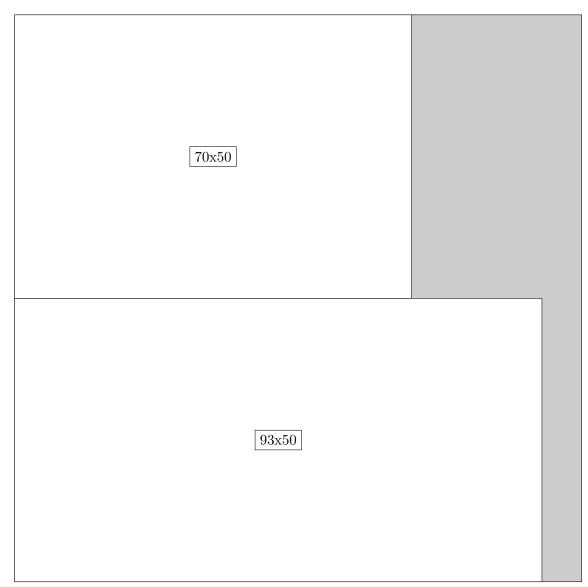
$$\begin{array}{l} w = \!\!51 \ , \ h = \!\!56 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!2856 \\ w = \!\!68 \ , \ h = \!\!39 \ , \ x = \!\!0 \ , \ y = \!\!56 \ , \ v = \!\!2652 \end{array}$$

$$\le =48$$
 , h =37 , x =51 , y =11 , v =1776

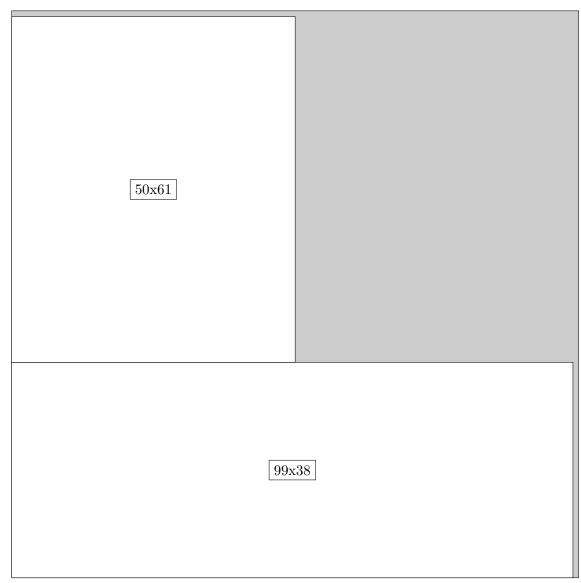
$$\mathbf{w}$$
 =48 , h =11 , x =51 , y =0 , v =528



 $\le =54$, h =52 , x =0 , y =0 , v =2808



$$\begin{array}{c} w = 93 \ , \ h = \!\! 50 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4650 \\ w = \!\! 70 \ , \ h = \!\! 50 \ , \ x = \!\! 0 \ , \ y = \!\! 50 \ , \ v = \!\! 3500 \end{array}$$



$$\begin{array}{c} w = 99 \ , \ h = 38 \ , \ x = 0 \ , \ y = 0 \ , \ v = 3762 \\ w = 50 \ , \ h = 61 \ , \ x = 0 \ , \ y = 38 \ , \ v = 3050 \\ \end{array}$$