$ClassName: \ Class_05.2bp-37$

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

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>260000</u> InS: <u>228692</u> Rate: <u>0.880</u> UB: <u>26</u> LB0: <u>26</u> LB: <u>26</u>

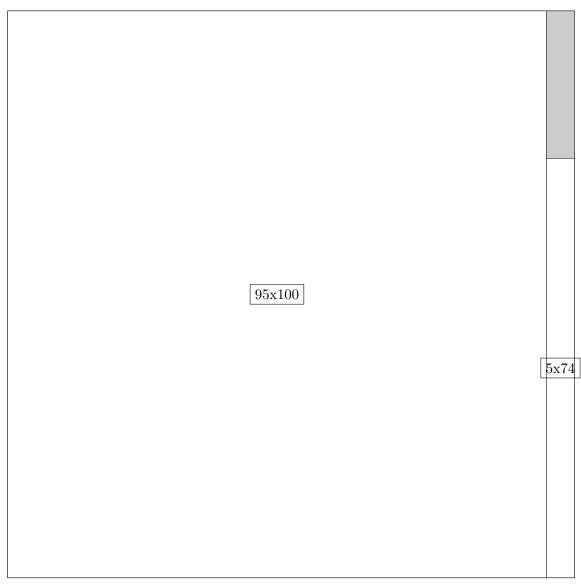
LBWithCut: $\underline{26}$ NodeCut: $\underline{0}$

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

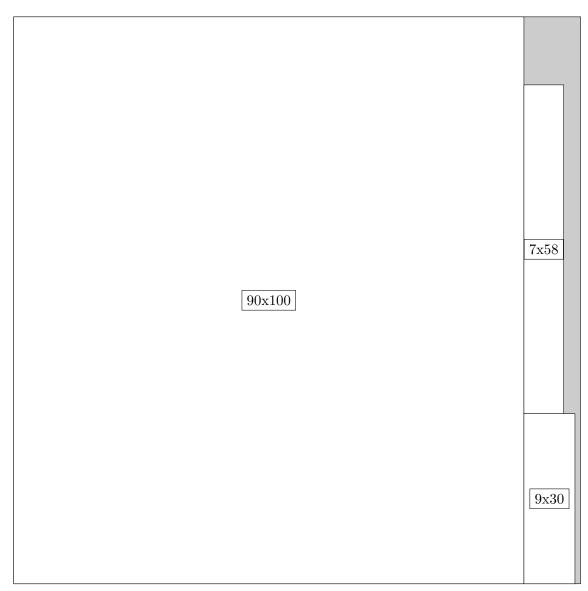
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{26}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

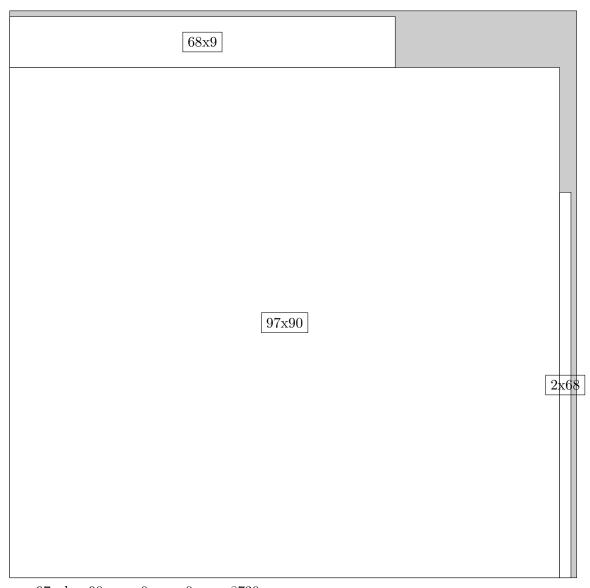
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.220 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.078 \ s} \\ {\rm TotalTime:} \ \underline{0.361 \ s} \end{array}$



$$\begin{array}{l} w = \! 95 \ , \ h = \! 100 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 9500 \\ w = \! 5 \ , \ h = \! 74 \ , \ x = \! 95 \ , \ y = \! 0 \ , \ v = \! 370 \end{array}$$

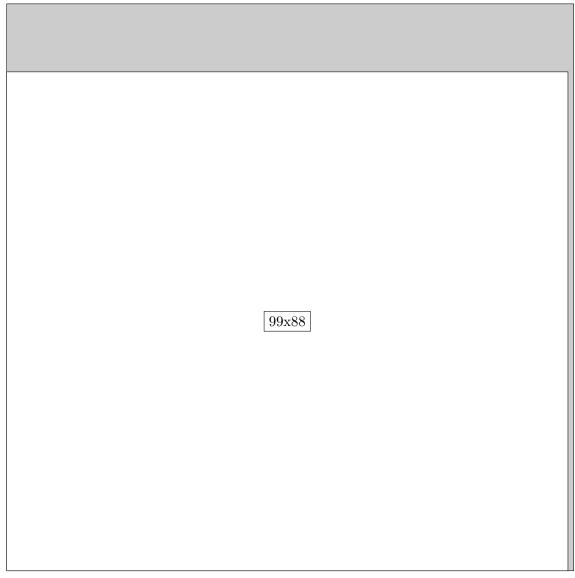


 $\begin{array}{l} w = & 90 \ , \ h = & 100 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 9000 \\ w = & 7 \ , \ h = & 58 \ , \ x = & 90 \ , \ y = & 30 \ , \ v = & 406 \\ w = & 9 \ , \ h = & 30 \ , \ x = & 90 \ , \ y = & 0 \ , \ v = & 270 \end{array}$

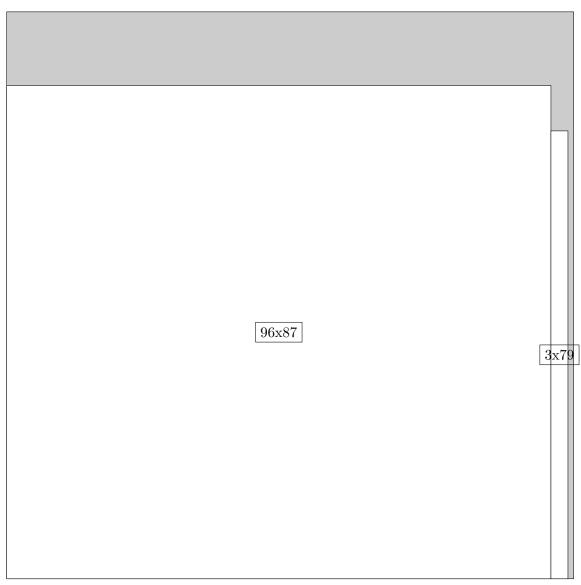


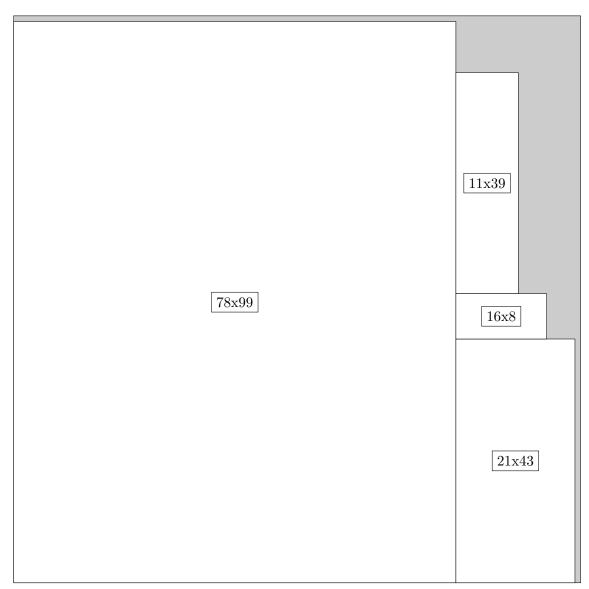
$$\begin{array}{l} w = \! 97 \; , \; h = \! 90 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 8730 \\ w = \! 68 \; , \; h = \! 9 \; , \; x = \! 0 \; , \; y = \! 90 \; , \; v = \! 612 \end{array}$$

$$\le = 2$$
 , h =
68 , x =
97 , y =
0 , v =
136



 $\le =99$, h =88 , x =0 , y =0 , v =8712



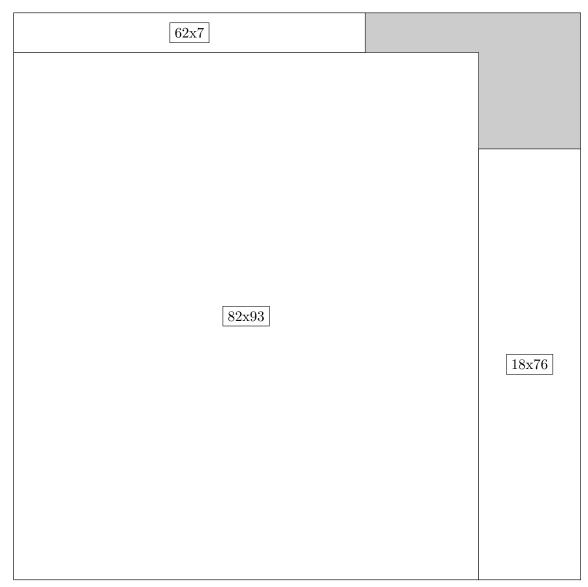


$$\mathbf{w}$$
 =78 , h =99 , x =0 , y =0 , v =7722

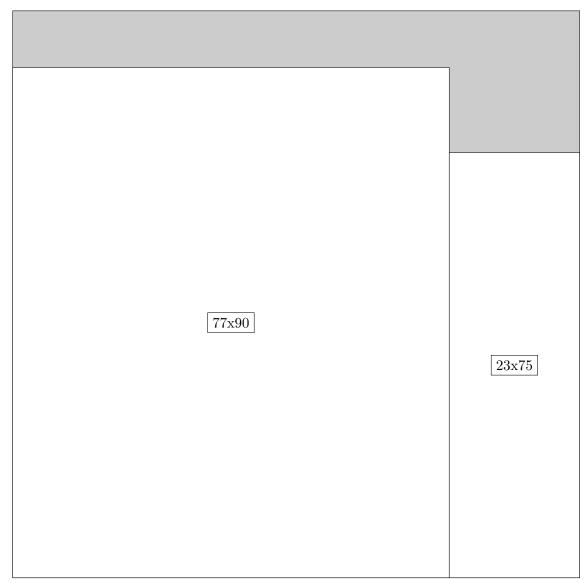
$$\le =21$$
 , $h=43$, $x=78$, $y=0$, $v=903$

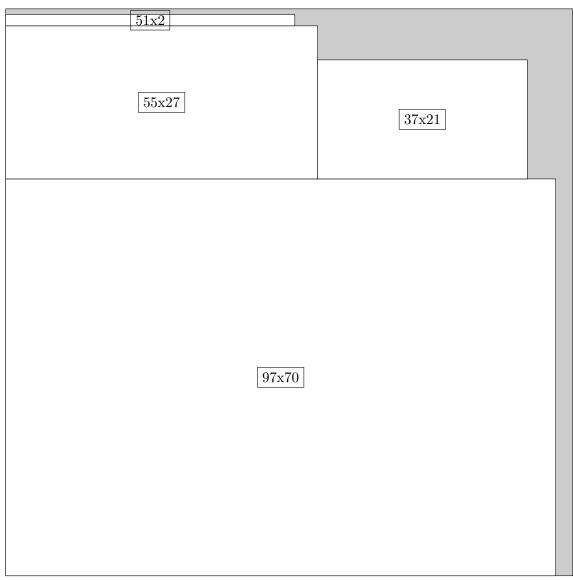
$$\le =11$$
 , $h=39$, $x=78$, $y=51$, $v=429$

$$\mathbf{w}$$
 =16 , h =8 , x =78 , y =43 , v =128



$$\begin{array}{l} w = \! 82 \; , \; h = \! 93 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 7626 \\ w = \! 18 \; , \; h = \! 76 \; , \; x = \! 82 \; , \; y = \! 0 \; , \; v = \! 1368 \\ w = \! 62 \; , \; h = \! 7 \; , \; x = \! 0 \; , \; y = \! 93 \; , \; v = \! 434 \end{array}$$





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

$$\le =55$$
 , h =27 , x =0 , y =70 , v =1485

$$\le =37$$
 , h =21 , x =55 , y =70 , v =777

$$\mathbf{w}$$
 =51 , h =2 , x =0 , y =97 , v =102

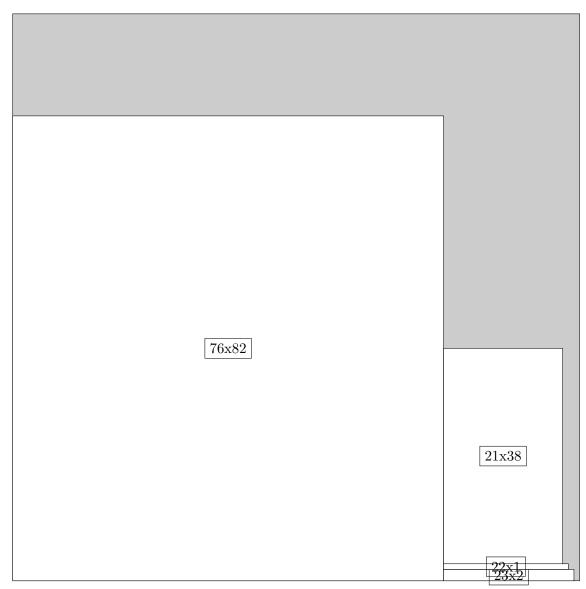
41x17	53x15	
78x8	3	22x83

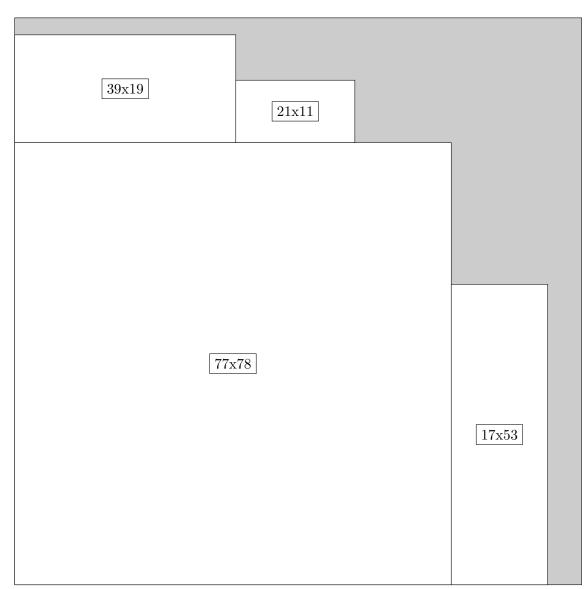
$$\le -78$$
 , h =83 , x =0 , y =0 , v =6474

$$\le =22$$
 , h =83 , x =78 , y =0 , v =1826

$$\le =53$$
 , h =15 , x =41 , y =85 , v =795

$$\le =41$$
 , $h=17$, $x=0$, $y=83$, $v=697$



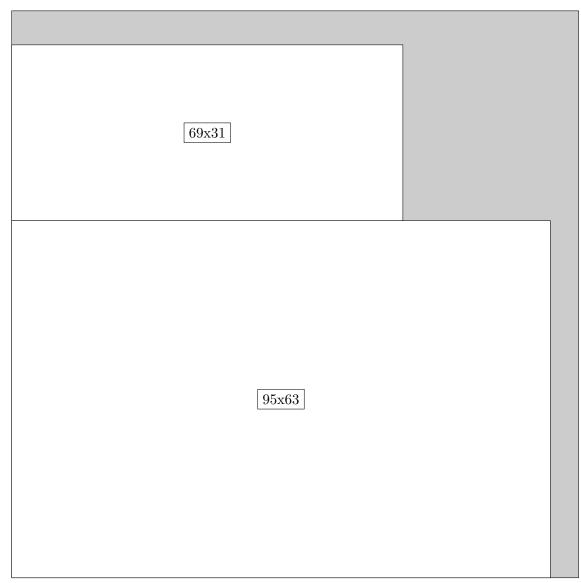


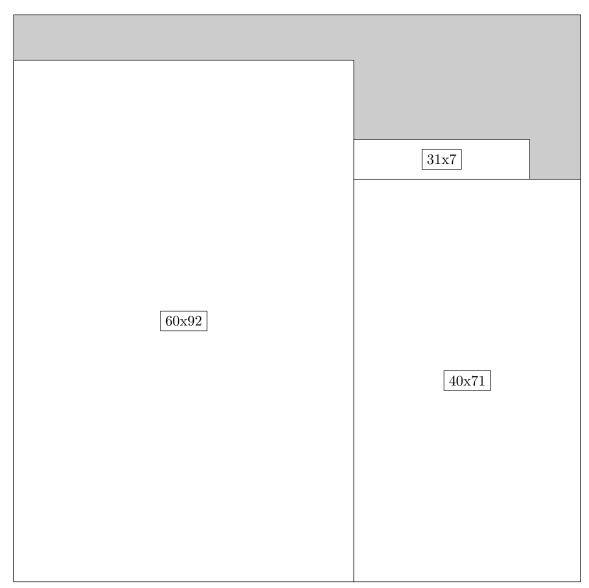
$$\mathbf{w}$$
 =77 , h =78 , x =0 , y =0 , v =6006

$$w$$
 =17 , h =53 , x =77 , y =0 , v =901

$$\le =39$$
 , h =19 , x =0 , y =78 , v =741

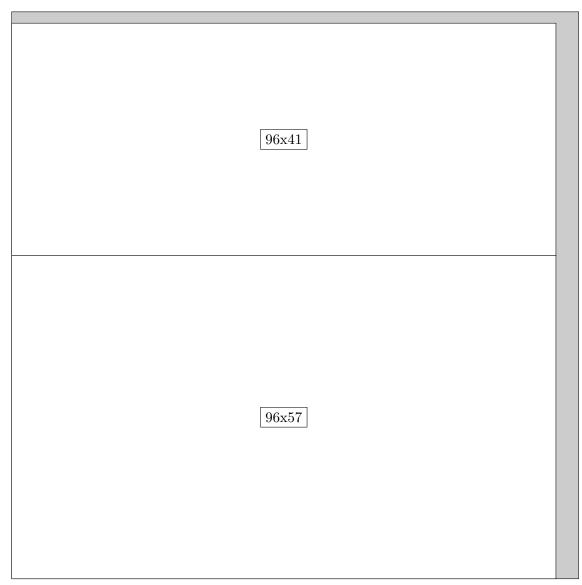
$$\le =21$$
 , h =11 , x =39 , y =78 , v =231



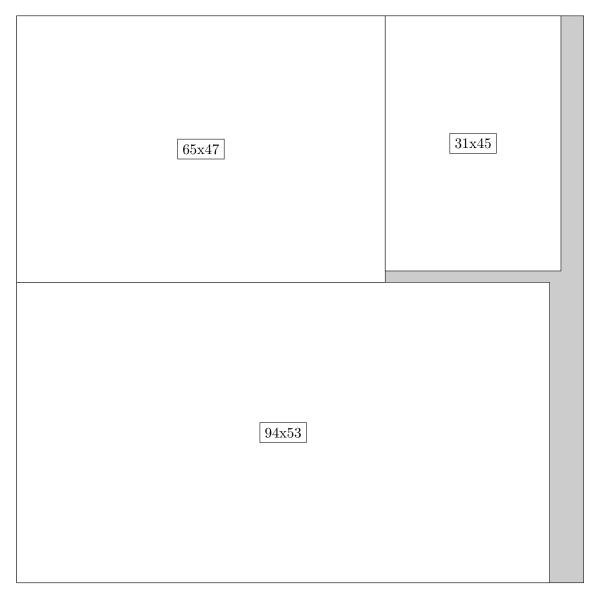


$$\begin{array}{l} w = \! 60 \ , \ h = \! 92 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5520 \\ w = \! 40 \ , \ h = \! 71 \ , \ x = \! 60 \ , \ y = \! 0 \ , \ v = \! 2840 \end{array}$$

$$w = 31$$
, $h = 7$, $x = 60$, $y = 71$, $v = 217$



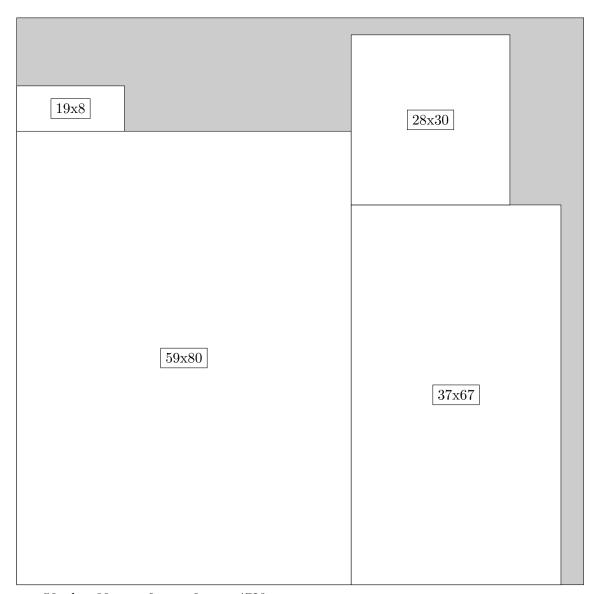
$$\begin{array}{c} w = 96 \; , \; h = \!\! 57 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 5472 \\ w = \!\! 96 \; , \; h = \!\! 41 \; , \; x = \!\! 0 \; , \; y = \!\! 57 \; , \; v = \!\! 3936 \\ \end{array}$$



$$\mathbf{w}$$
 =94 , h =53 , x =0 , y =0 , v =4982

$$\le =65$$
 , h =47 , x =0 , y =53 , v =3055

$$\le =31$$
 , h =45 , x =65 , y =55 , v =1395

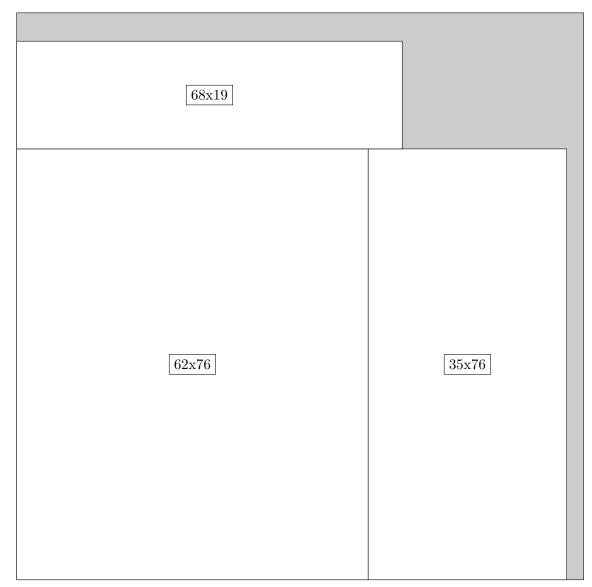


$$\le =59$$
 , h =80 , x =0 , y =0 , v =4720

$$\le =37$$
 , h =67 , x =59 , y =0 , v =2479

$$\le =28$$
 , h =30 , x =59 , y =67 , v =840

$$w=\!19$$
 , $h=\!8$, $x=\!0$, $y=\!80$, $v=\!152$



$$\mathbf{w}$$
 =62 , h =76 , x =0 , y =0 , v =4712

$$\le =35$$
 , h =76 , x =62 , y =0 , v =2660

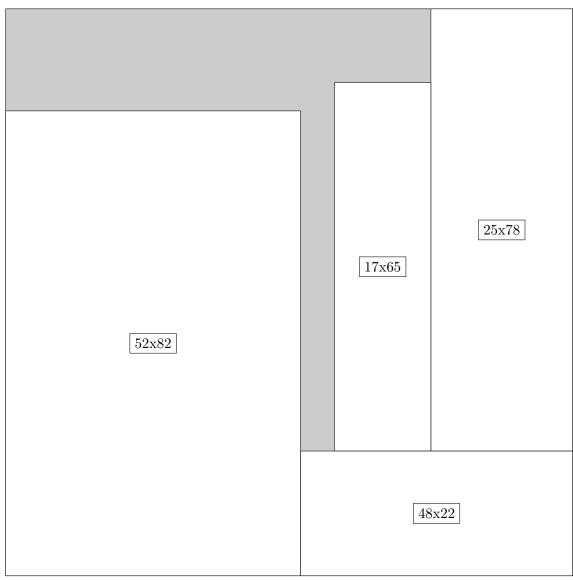
$$\le =68$$
 , h =19 , x =0 , y =76 , v =1292

99x32	
$69\mathrm{x}68$	31x67

$$w = 69$$
, $h = 68$, $x = 0$, $y = 0$, $v = 4692$

$$\le =99$$
 , h =32 , x =0 , y =68 , v =3168

$$\le =31$$
 , $h=67$, $x=69$, $y=0$, $v=2077$

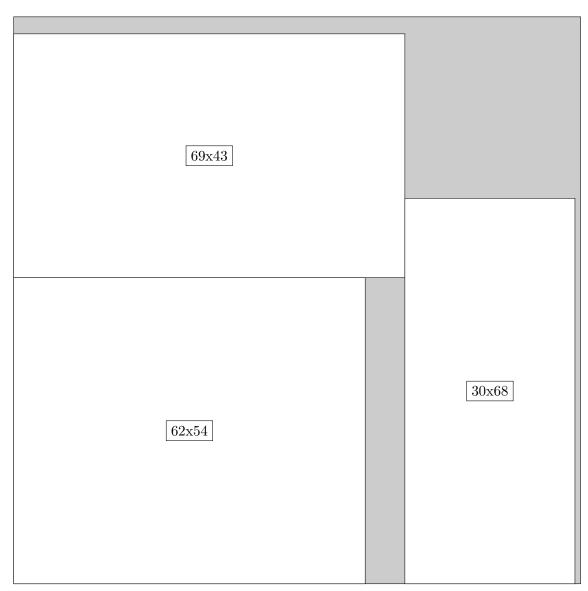


$$\le 52$$
 , h =82 , x =0 , y =0 , v =4264

$$\le =25$$
 , h =78 , x =75 , y =22 , v =1950

$$\le =17$$
 , h =65 , x =58 , y =22 , v =1105

$$\le =48$$
 , h =22 , x =52 , y =0 , v =1056



$$\mathbf{w}$$
 =62 , h =54 , x =0 , y =0 , v =3348

$$\le =69$$
 , h =43 , x =0 , y =54 , v =2967

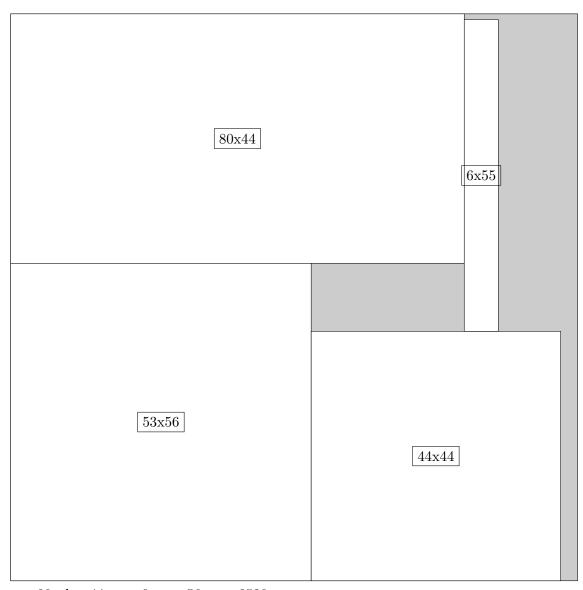
$$\le =30$$
 , $h=68$, $x=69$, $y=0$, $v=2040$

81x39		
$54 \mathrm{x} 61$	39x61	

$$\mathbf{w}$$
 =54 , h =61 , x =0 , y =0 , v =3294

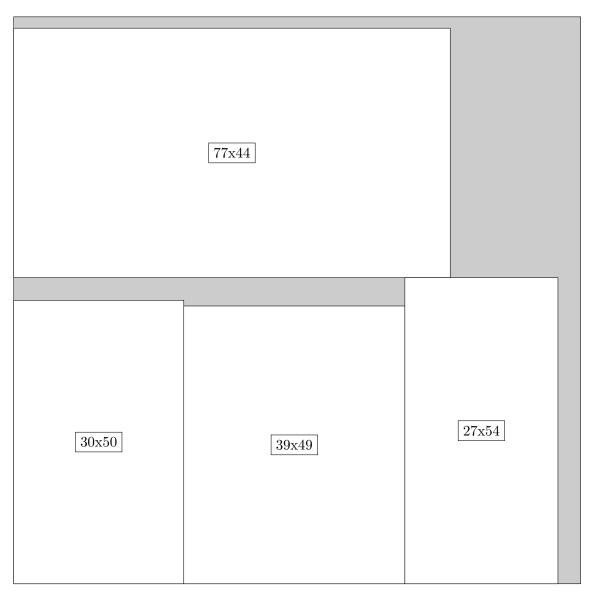
$$\le =81$$
 , h =39 , x =0 , y =61 , v =3159

$$\le =39$$
 , h =61 , x =54 , y =0 , v =2379



$$\begin{array}{l} w = \!\! 80 \ , \ h = \!\! 44 \ , \ x = \!\! 0 \ , \ y = \!\! 56 \ , \ v = \!\! 3520 \\ w = \!\! 53 \ , \ h = \!\! 56 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 2968 \end{array}$$

$$w = 6$$
, $h = 55$, $x = 80$, $y = 44$, $v = 330$



$$w = 77 \ , \ h = 44 \ , \ x = 0 \ , \ y = 54 \ , \ v = 3388$$

$$\le 30$$
 , h =50 , x =0 , y =0 , v =1500

$$\le =39$$
 , h =49 , x =30 , y =0 , v =1911

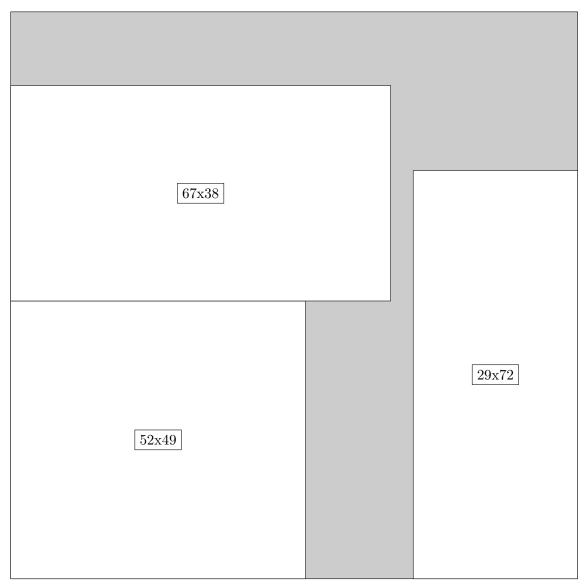
$$\le =27$$
 , h =54 , x =69 , y =0 , v =1458



$$w = 65$$
, $h = 48$, $x = 0$, $y = 0$, $v = 3120$

$$\le =32$$
 , $h=84$, $x=68$, $y=0$, $v=2688$

$$\le =67$$
 , h =49 , x =0 , y =48 , v =3283



$$w = 52$$
, $h = 49$, $x = 0$, $y = 0$, $v = 2548$

$$\le =67$$
 , h =38 , x =0 , y =49 , v =2546

$$\le =29$$
 , h =72 , x =71 , y =0 , v =2088