$ClassName: {\bf Class_05.2bp\text{-}41}$

BinSize: 100×100 ReduceSize: 100×100

TypeNum: **100** Num: **100** OutS: **290000** InS: 261774Rate: 0.903UB: **29** LB0: <u>28</u>

LB: **29** LBWithCut: 29

NodeCut: 0 ExtendedNodeCnt: $\underline{\mathbf{1}}$

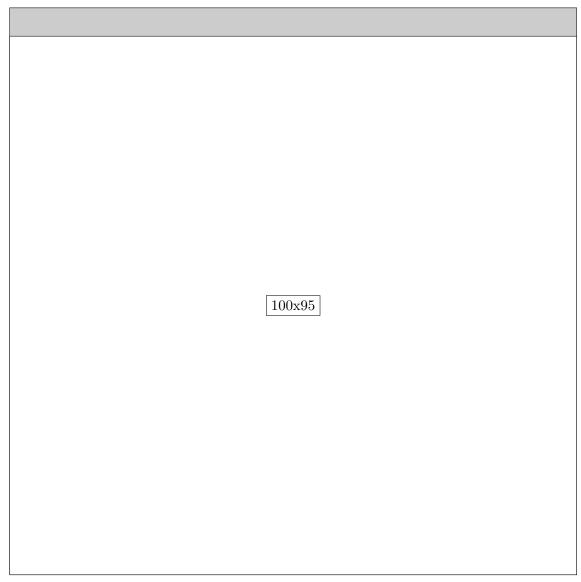
GenNodeCnt: $\mathbf{1}$ PrimalNode: $\mathbf{0}$ ColumnCount: 281 $TotalCutCount: \ \mathbf{0}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: 253

PricingSolverCnt: 253 BranchAndBoundNum: $\underline{\mathbf{1}}$

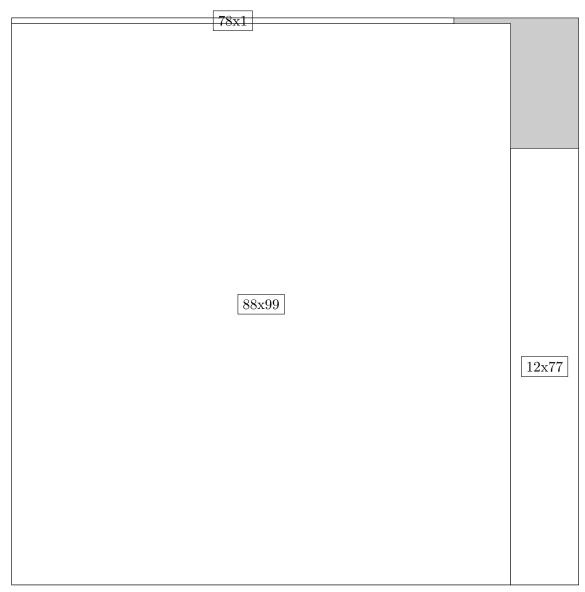
isOpt: $\underline{\mathbf{true}}$

TimeOnPrimal: 0.000 sTimeOnPricing: 2225.287 s

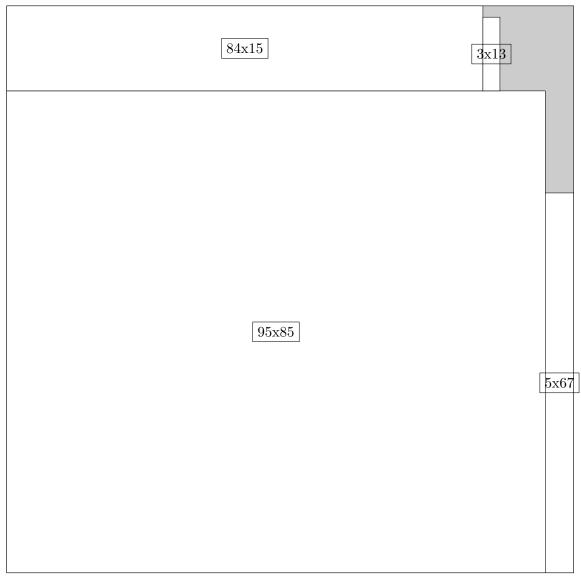
TimeOnRmp: 0.256 sTotalTime: 2225.649 s



 $\le =100$, h =95 , x =0 , y =0 , v =9500



$$\begin{array}{l} w = \! 88 \; , \; h = \! 99 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 8712 \\ w = \! 12 \; , \; h = \! 77 \; , \; x = \! 88 \; , \; y = \! 0 \; , \; v = \! 924 \\ w = \! 78 \; , \; h = \! 1 \; , \; x = \! 0 \; , \; y = \! 99 \; , \; v = \! 78 \end{array}$$

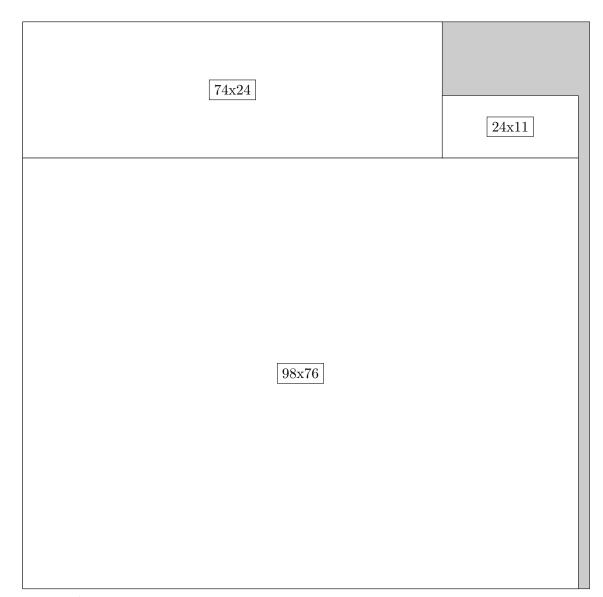


$$\le =95$$
 , $h=85$, $x=0$, $y=0$, $v=8075$

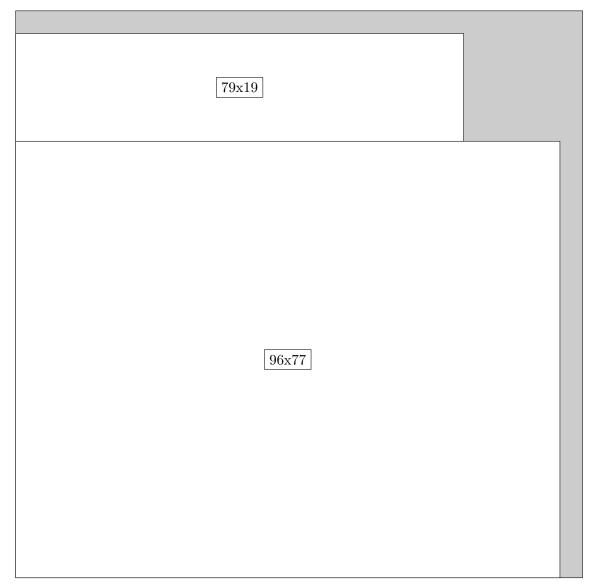
$$\le =84$$
 , h =15 , x =0 , y =85 , v =1260

$$w$$
 =5 , h =67 , x =95 , y =0 , v =335

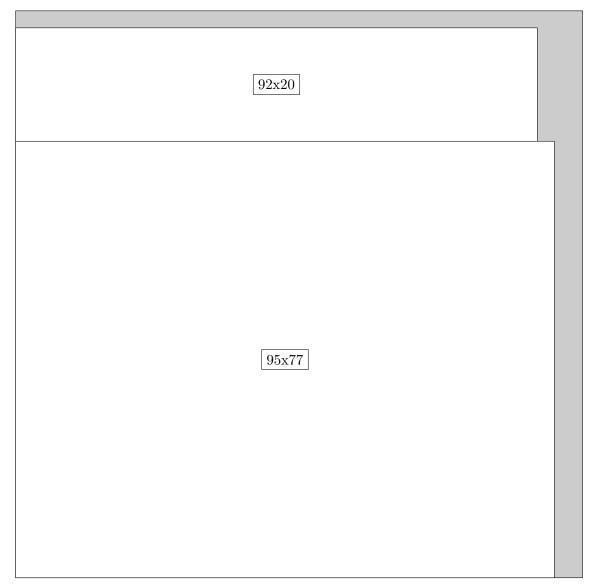
$$w$$
 =3 , h =13 , x =84 , y =85 , v =39

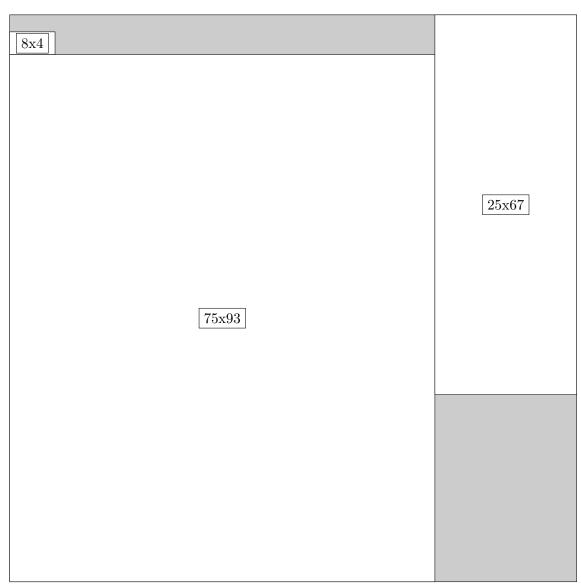


$$\begin{array}{l} w = \! 98 \ , \ h = \! 76 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7448 \\ w = \! 74 \ , \ h = \! 24 \ , \ x = \! 0 \ , \ y = \! 76 \ , \ v = \! 1776 \end{array}$$

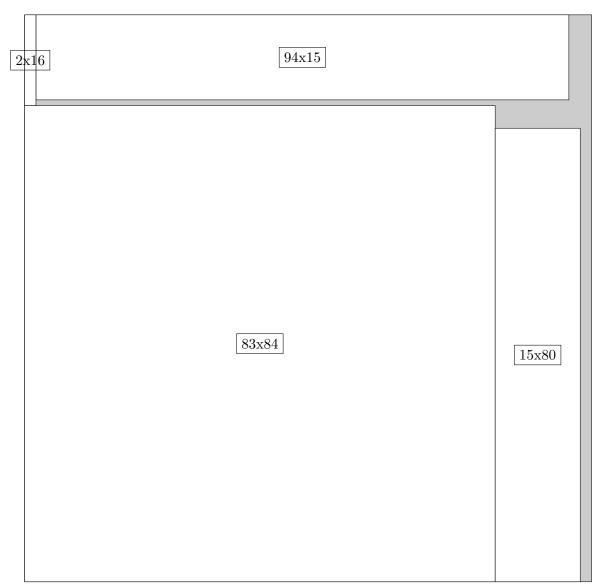


$$\begin{array}{c} w = 96 \; , \; h = 77 \; , \; x = 0 \; , \; y = 0 \; , \; v = 7392 \\ w = 79 \; , \; h = 19 \; , \; x = 0 \; , \; y = 77 \; , \; v = 1501 \\ \end{array}$$





$$\begin{array}{l} w = \!\! 75 \ , \ h = \!\! 93 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 6975 \\ w = \!\! 25 \ , \ h = \!\! 67 \ , \ x = \!\! 75 \ , \ y = \!\! 33 \ , \ v = \!\! 1675 \\ w = \!\! 8 \ , \ h = \!\! 4 \ , \ x = \!\! 0 \ , \ y = \!\! 93 \ , \ v = \!\! 32 \end{array}$$



$$w = 83$$
, $h = 84$, $x = 0$, $y = 0$, $v = 6972$

$$\le =94$$
 , h =15 , x =2 , y =85 , v =1410

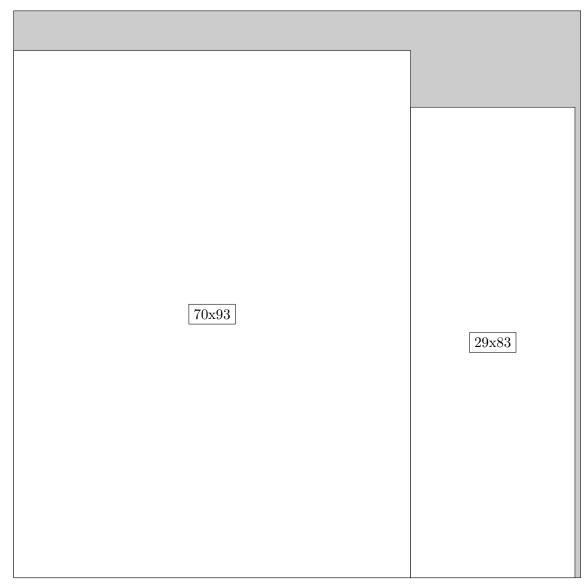
$$\le =15$$
 , h =80 , x =83 , y =0 , v =1200

$$\mathbf{w}$$
 =2 , h =16 , x =0 , y =84 , v =32

87x30	13x19
99x70	

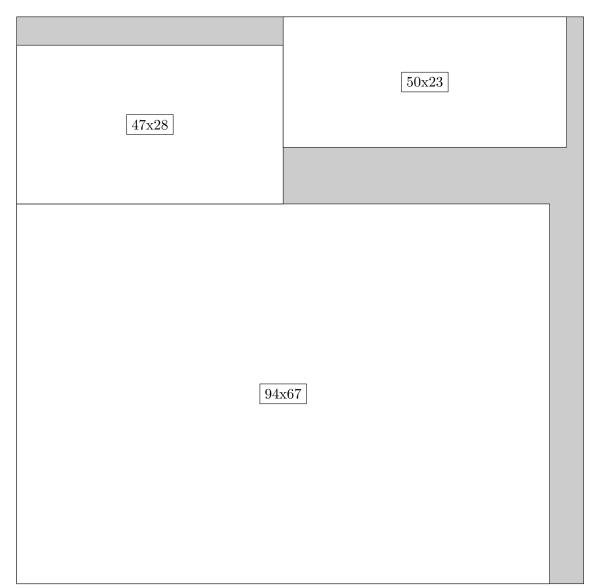
$$\begin{array}{l} w = \! 99 \ , \ h = \! 70 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6930 \\ w = \! 87 \ , \ h = \! 30 \ , \ x = \! 0 \ , \ y = \! 70 \ , \ v = \! 2610 \end{array}$$

$$w = 13$$
, $h = 19$, $x = 87$, $y = 81$, $v = 247$





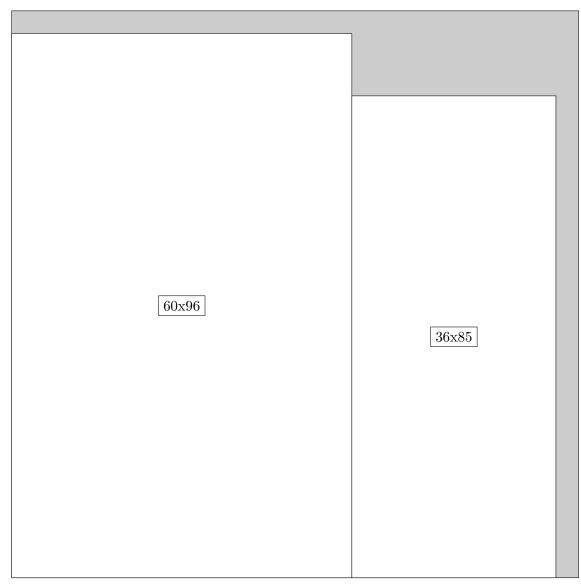
$$\begin{array}{c} w = 97 \; , \; h = 67 \; , \; x = 0 \; , \; y = 0 \; , \; v = 6499 \\ w = 76 \; , \; h = 26 \; , \; x = 0 \; , \; y = 67 \; , \; v = 1976 \\ \end{array}$$

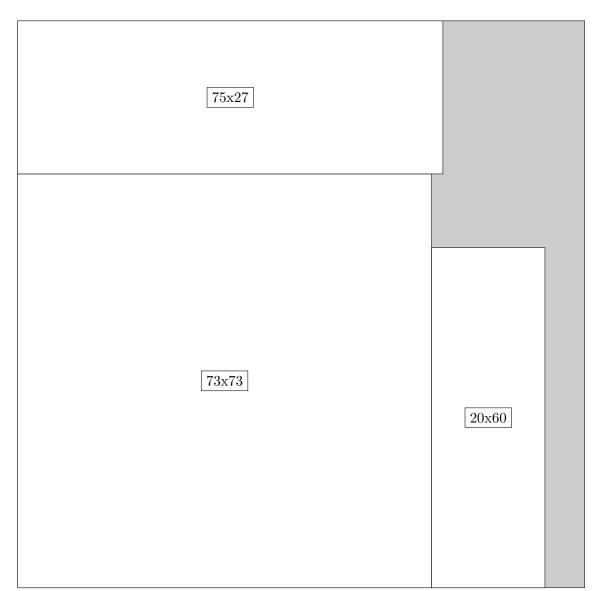


$$\le =94$$
 , h =67 , x =0 , y =0 , v =6298

$$\le =47$$
 , h =28 , x =0 , y =67 , v =1316

$$\le =50$$
 , h =23 , x =47 , y =77 , v =1150

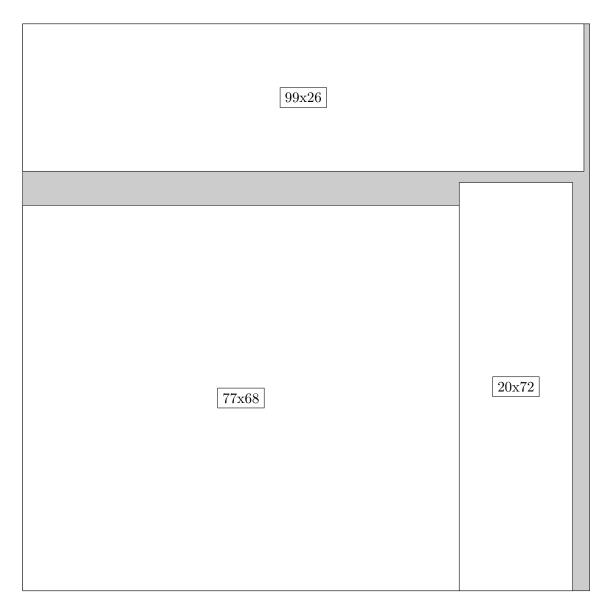




$$\le =73$$
 , h =73 , x =0 , y =0 , v =5329

$$\le =75$$
 , h =27 , x =0 , y =73 , v =2025

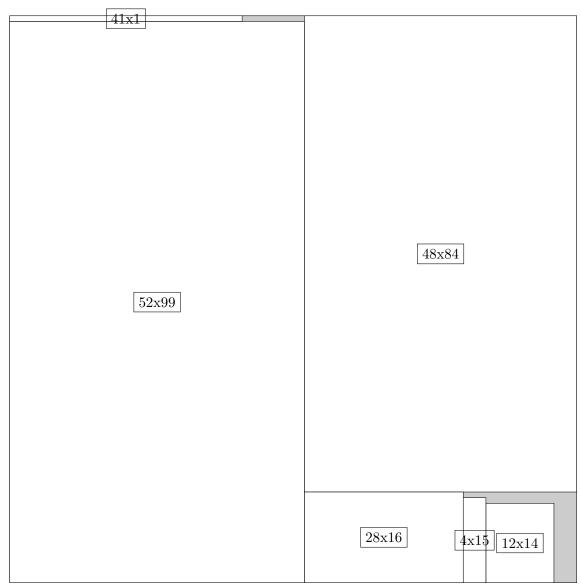
$$\le =20$$
 , $h=\!60$, $x=\!73$, $y=\!0$, $v=\!1200$



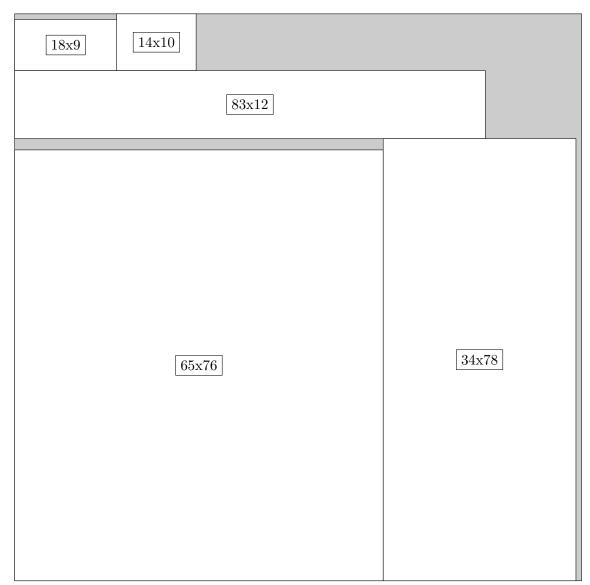
$$w = 77$$
, $h = 68$, $x = 0$, $y = 0$, $v = 5236$

$$\le =99$$
 , h =26 , x =0 , y =74 , v =2574

$$\le =20$$
 , h =72 , x =77 , y =0 , v =1440



$$\begin{array}{l} w=52\;,\; h=99\;,\; x=0\;,\; y=0\;,\; v=5148\\ w=48\;,\; h=84\;,\; x=52\;,\; y=16\;,\; v=4032\\ w=28\;,\; h=16\;,\; x=52\;,\; y=0\;,\; v=448\\ w=12\;,\; h=14\;,\; x=84\;,\; y=0\;,\; v=168\\ w=4\;,\; h=15\;,\; x=80\;,\; y=0\;,\; v=60\\ w=41\;,\; h=1\;,\; x=0\;,\; y=99\;,\; v=41 \end{array}$$



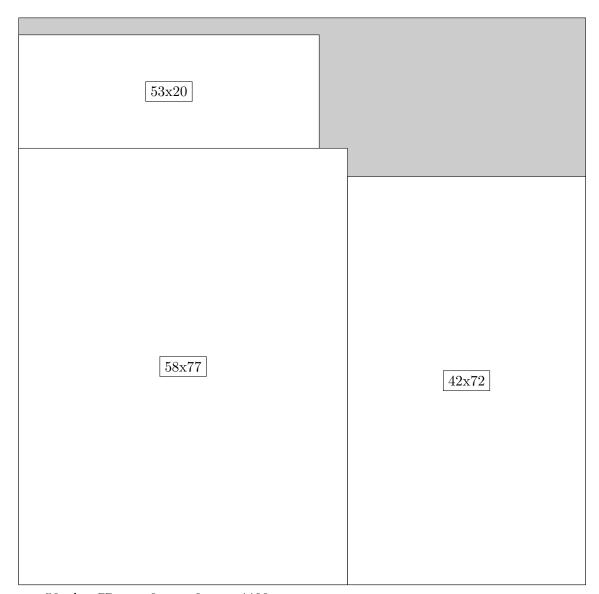
$$\mathbf{w}$$
 =65 , h =76 , x =0 , y =0 , v =4940

$$\le =34$$
 , h =78 , x =65 , y =0 , v =2652

$$\le =83$$
 , h =12 , x =0 , y =78 , v =996

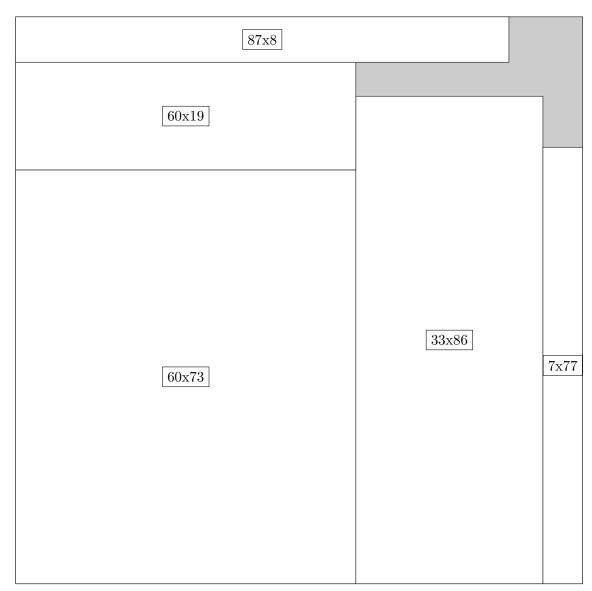
$$\le =18$$
 , h =9 , x =0 , y =90 , v =162

$$w=\!14$$
 , $h=\!10$, $x=\!18$, $y=\!90$, $v=\!140$



$$w=\!58$$
 , $h=\!77$, $x=\!0$, $y=\!0$, $v=\!4466$ $w=\!42$, $h=\!72$, $x=\!58$, $y=\!0$, $v=\!3024$

$$w = 53$$
, $h = 20$, $x = 0$, $y = 77$, $v = 1060$



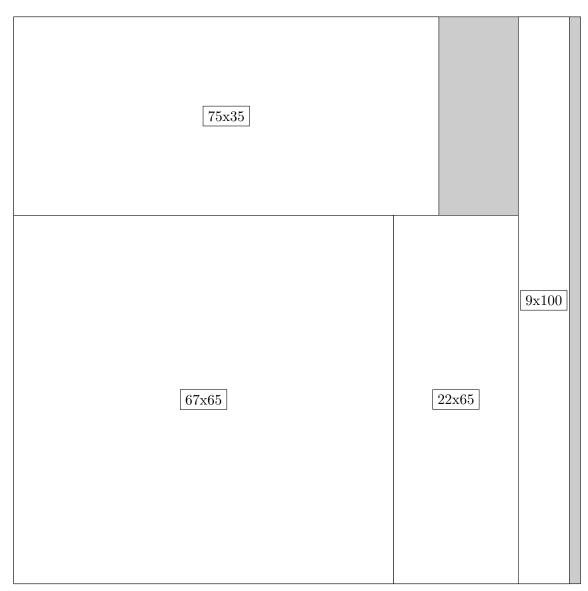
$$\mathbf{w}$$
 =60 , h =73 , x =0 , y =0 , v =4380

$$\le =33$$
 , h =86 , x =60 , y =0 , v =2838

$$\le =60$$
 , h =19 , x =0 , y =73 , v =1140

$$\le =87$$
 , h =8 , x =0 , y =92 , v =696

$$w = 7$$
, $h = 77$, $x = 93$, $y = 0$, $v = 539$

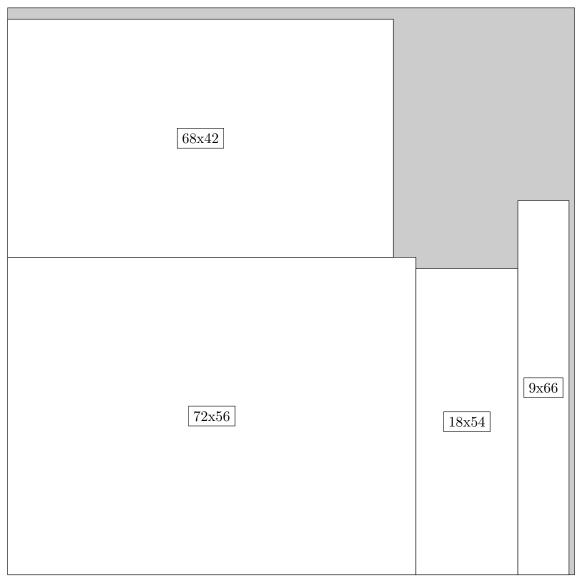


$$\mathbf{w}$$
 =67 , \mathbf{h} =65 , \mathbf{x} =0 , \mathbf{y} =0 , \mathbf{v} =4355

$$\le -75$$
 , h =
35 , x =0 , y =
65 , v =
2625

$$\le =22$$
 , h =65 , x =67 , y =0 , v =1430

$$\le =9$$
 , h =100 , x =89 , y =0 , v =900



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

$$\le =68$$
 , h =42 , x =0 , y =
56 , v =2856

$$\le =18$$
 , h =
54 , x =
72 , y =
0 , v =
972

$$w=9$$
 , $h=\!66$, $x=\!90$, $y=\!0$, $v=\!594$

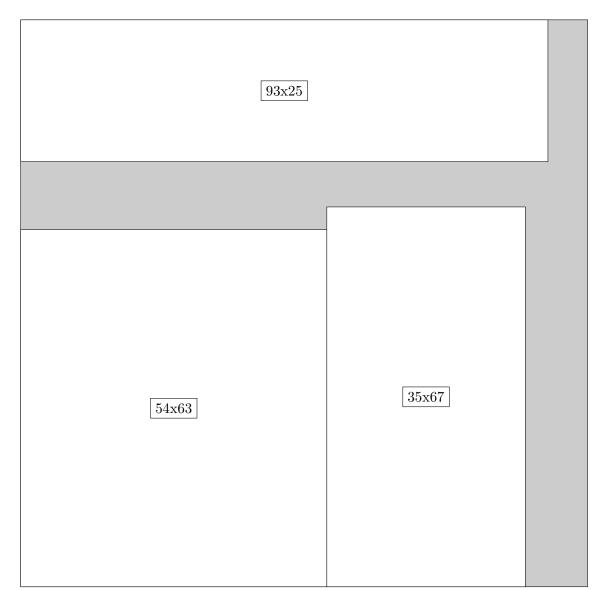


$$\le =59$$
 , h =64 , x =0 , y =0 , v =3776

$$\le =96$$
 , h =36 , x =0 , y =64 , v =3456

$$\le =22$$
 , h =64 , x =59 , y =0 , v =1408

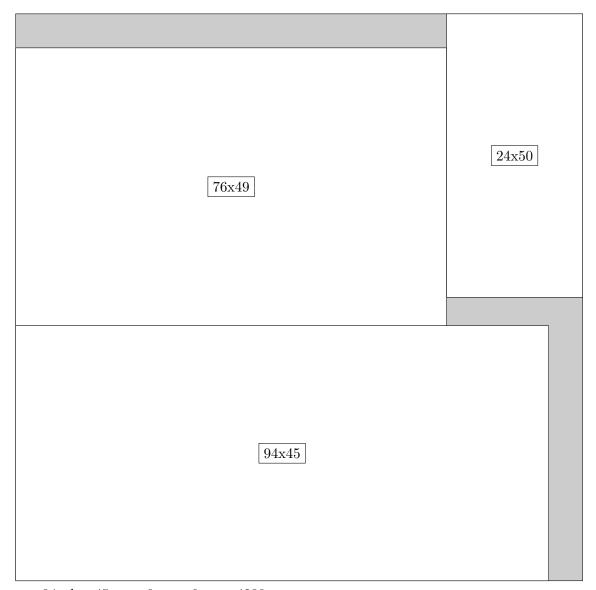
$$\mathbf{w}$$
 =19 , h =18 , x =81 , y =0 , v =342



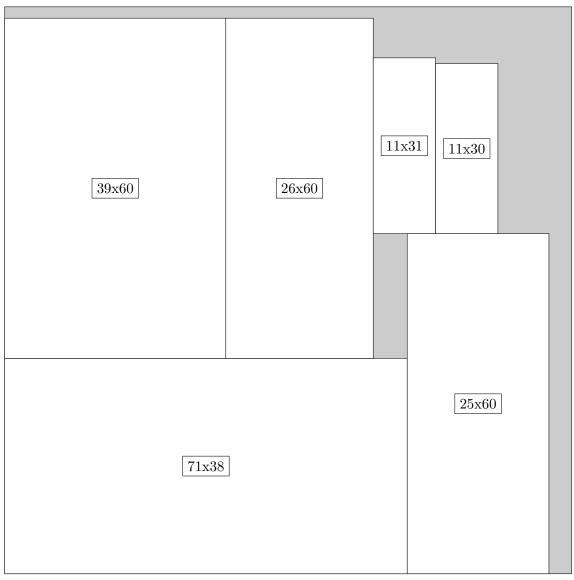
$$\le 54$$
 , h =63 , x =0 , y =0 , v =3402

$$\le =35$$
 , h =67 , x =54 , y =0 , v =2345

$$\le =93$$
 , h =25 , x =0 , y =75 , v =2325



$$\le =24$$
 , h =50 , x =76 , y =50 , v =1200



$$\mathbf{w}$$
 =71 , h =38 , x =0 , y =0 , v =2698

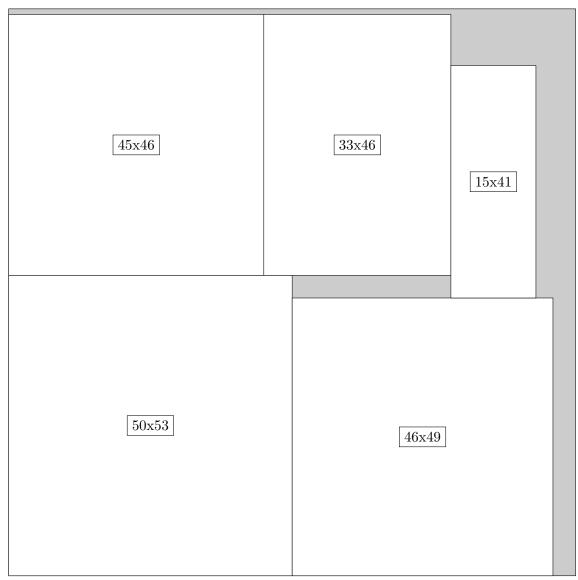
$$\le =39$$
 , $= =60$, $= =0$, $= = =38$, $= = = = =340$

$$\le =26$$
 , h =60 , x =39 , y =38 , v =1560

$$\le =25$$
 , h =60 , x =71 , y =0 , v =1500

$$w=\!11$$
 , $h=\!31$, $x=\!65$, $y=\!60$, $v=\!341$

$$w=\!11$$
 , $h=\!30$, $x=\!76$, $y=\!60$, $v=\!330$



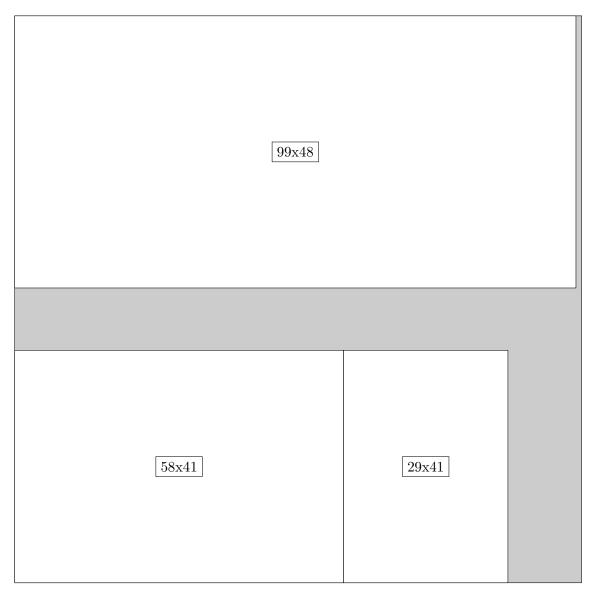
$$\mathbf{w}$$
 =50 , h =53 , x =0 , y =0 , v =2650

$$\le =46$$
 , h =49 , x =50 , y =0 , v =2254

$$\le =45$$
 , h =46 , x =0 , y =53 , v =2070

$$\le =33$$
 , h =46 , x =45 , y =53 , v =1518

$$w$$
 =15 , h =41 , x =78 , y =49 , v =615



$$w = 99$$
, $h = 48$, $x = 0$, $y = 52$, $v = 4752$

$$\le 58$$
 , h =41 , x =0 , y =0 , v =2378

$$\le =29$$
 , h =41 , x =58 , y =0 , v =1189

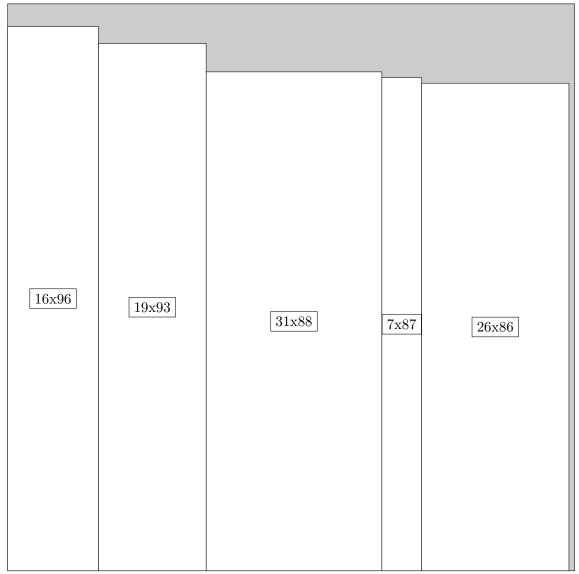


$$\le =97$$
 , $h=47$, $x=0$, $y=0$, $v=4559$

$$\le =56$$
 , h =39 , x =0 , y =47 , v =2184

$$\le =51$$
 , h =13 , x =0 , y =86 , v =663

$$\le =37$$
 , h =29 , x =56 , y =47 , v =1073



$$\begin{array}{l} w = & 31 \ , \ h = & 88 \ , \ x = & 35 \ , \ y = & 0 \ , \ v = & 2728 \\ w = & 26 \ , \ h = & 86 \ , \ x = & 73 \ , \ y = & 0 \ , \ v = & 2236 \\ w = & 19 \ , \ h = & 93 \ , \ x = & 16 \ , \ y = & 0 \ , \ v = & 1767 \\ w = & 16 \ , \ h = & 96 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 1536 \\ w = & 7 \ , \ h = & 87 \ , \ x = & 66 \ , \ y = & 0 \ , \ v = & 609 \end{array}$$