$ClassName: \ Class_05.2bp-42$

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

TypeNum: <u>99</u>
Num: <u>100</u>
OutS: <u>240000</u>
InS: <u>222057</u>
Rate: <u>0.925</u>
UB: <u>24</u>
LB0: <u>24</u>
LB: <u>24</u>

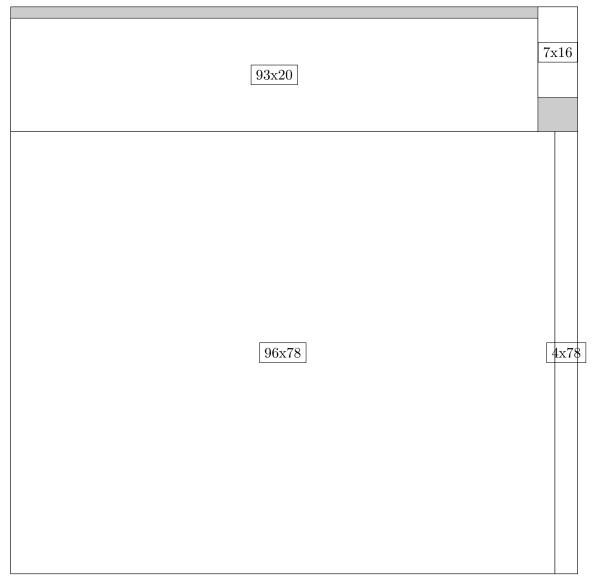
LBWithCut: $\underline{\mathbf{24}}$ NodeCut: $\underline{\mathbf{0}}$

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

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{24}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

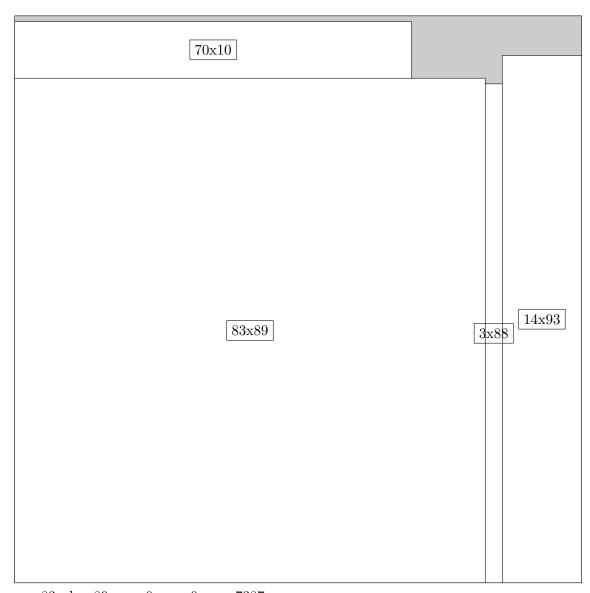
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{{\rm 1.090~s}} \\ {\rm TimeOnPrimal:} \ \underline{{\rm 0.000~s}} \\ {\rm TimeOnPricing:} \ \underline{{\rm 0.000~s}} \\ {\rm TimeOnRmp:} \ \underline{{\rm 0.078~s}} \\ {\rm TotalTime:} \ \mathbf{1.231~s} \end{array}$



$$\begin{array}{l} w = \! 96 \ , \ h = \! 78 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7488 \\ w = \! 93 \ , \ h = \! 20 \ , \ x = \! 0 \ , \ y = \! 78 \ , \ v = \! 1860 \end{array}$$

$$\mathbf{w}=\!\!4$$
 , $\mathbf{h}=\!\!78$, $\mathbf{x}=\!\!96$, $\mathbf{y}=\!\!0$, $\mathbf{v}=\!\!312$

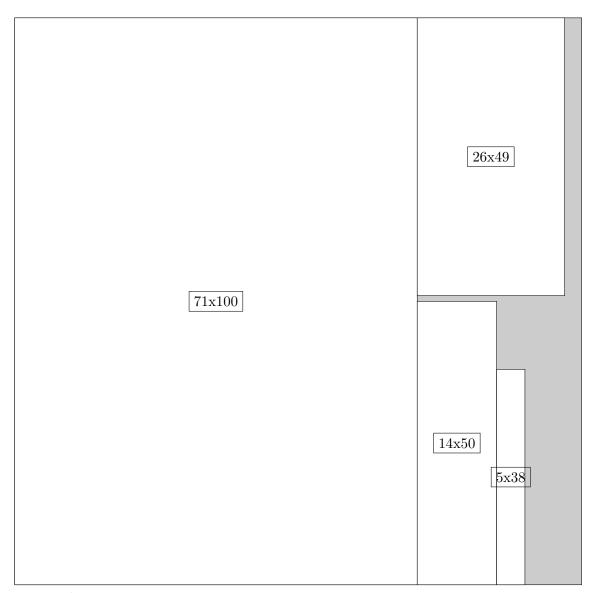
$$w$$
 =7 , h =16 , x =93 , y =84 , v =112

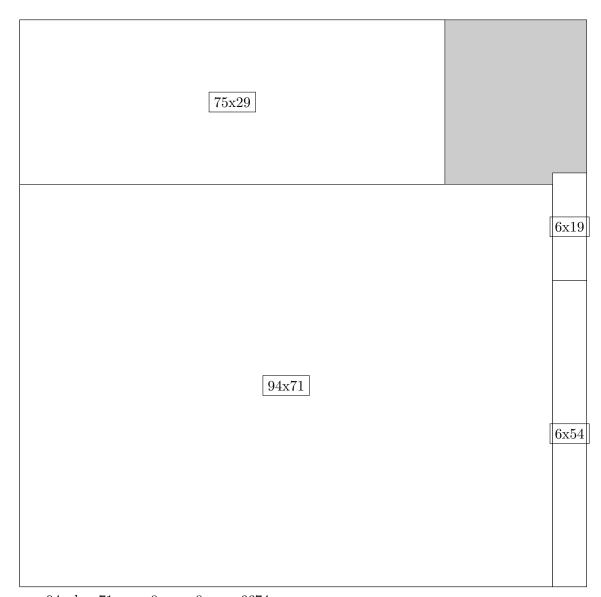


$$\begin{array}{l} w = \! 83 \ , \ h = \! 89 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7387 \\ w = \! 14 \ , \ h = \! 93 \ , \ x = \! 86 \ , \ y = \! 0 \ , \ v = \! 1302 \end{array}$$

$$\le =70$$
 , h =10 , x =0 , y =89 , v =700

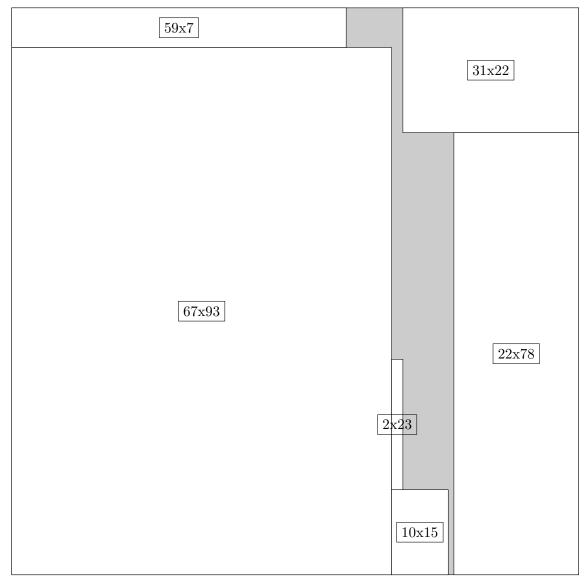
$$\le 3$$
 , h =
88 , x =
83 , y =
0 , v =
264



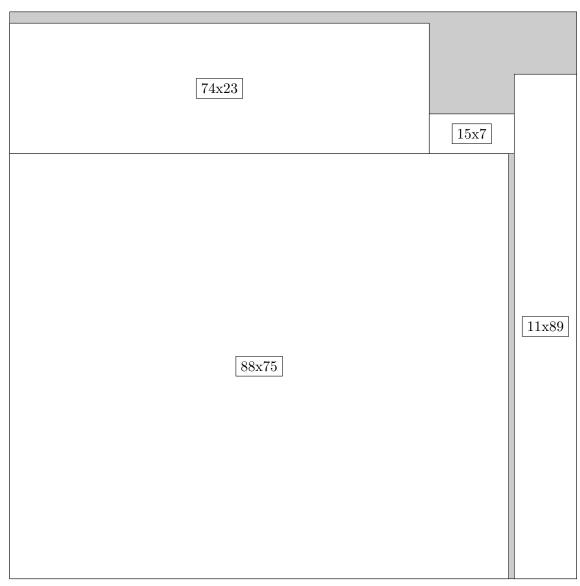


$$w = 6$$
, $h = 54$, $x = 94$, $y = 0$, $v = 324$

$$\mathbf{w}$$
 =6 , h =19 , x =94 , y =54 , v =114



$$\begin{array}{l} w=67 \;,\; h=93 \;,\; x=0 \;,\; y=0 \;,\; v=6231 \\ w=22 \;,\; h=78 \;,\; x=78 \;,\; y=0 \;,\; v=1716 \\ w=2 \;,\; h=23 \;,\; x=67 \;,\; y=15 \;,\; v=46 \\ w=31 \;,\; h=22 \;,\; x=69 \;,\; y=78 \;,\; v=682 \\ w=59 \;,\; h=7 \;,\; x=0 \;,\; y=93 \;,\; v=413 \\ w=10 \;,\; h=15 \;,\; x=67 \;,\; y=0 \;,\; v=150 \end{array}$$

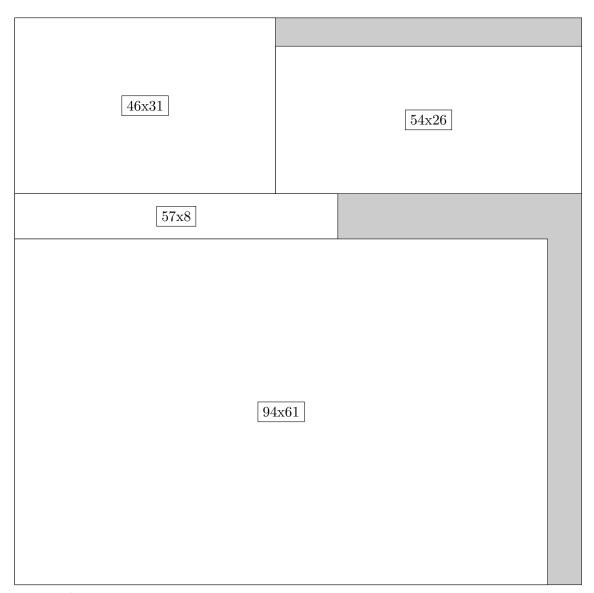


$$\mathbf{w}$$
 =88 , h =75 , x =0 , y =0 , v =6600

$$\le =74$$
 , h =23 , x =0 , y =75 , v =1702

$$\mathbf{w}$$
 =11 , h =89 , x =89 , y =0 , v =979

$$\mathbf{w}$$
 =15 , h =7 , x =74 , y =75 , v =105

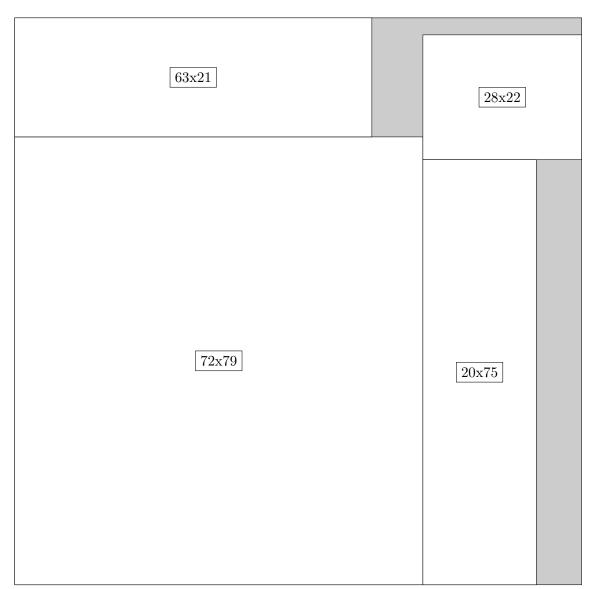


$$\le =57$$
 , h =8 , x =0 , y =61 , v =456

$$\le =46$$
 , h =31 , x =0 , y =69 , v =1426

$$\le =54$$
 , h =26 , x =46 , y =69 , v =1404

$$\le =94$$
 , h =61 , x =0 , y =0 , v =5734

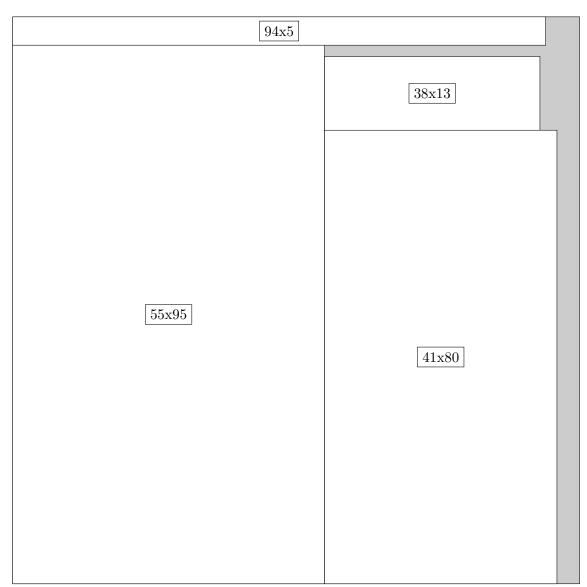


$$\mathbf{w}$$
 =72 , h =79 , x =0 , y =0 , v =5688

$$\le =20$$
 , h =75 , x =72 , y =0 , v =1500

$$\le =63$$
 , h =21 , x =0 , y =79 , v =1323

$$w=\!28$$
 , $h=\!22$, $x=\!72$, $y=\!75$, $v=\!616$

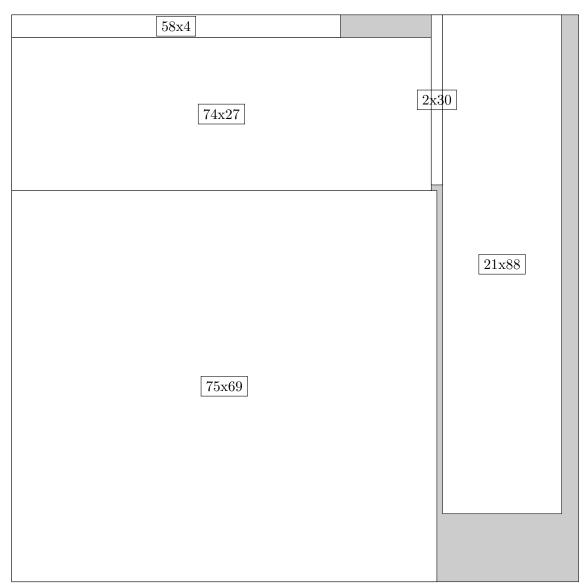


$$\le -55$$
 , h =
95 , x =0 , y =
0 , v =
5225

$$\le =41$$
 , h =80 , x =55 , y =0 , v =3280

$$\le =38$$
 , h =13 , x =55 , y =80 , v =494

$$\le =94$$
 , h =5 , x =0 , y =95 , v =470



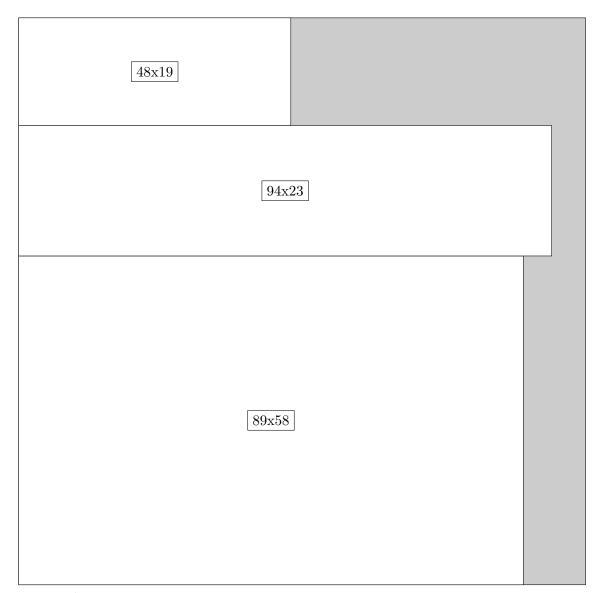
$$w$$
 =75 , h =69 , x =0 , y =0 , v =5175

$$\le =74$$
 , h =27 , x =0 , y =69 , v =1998

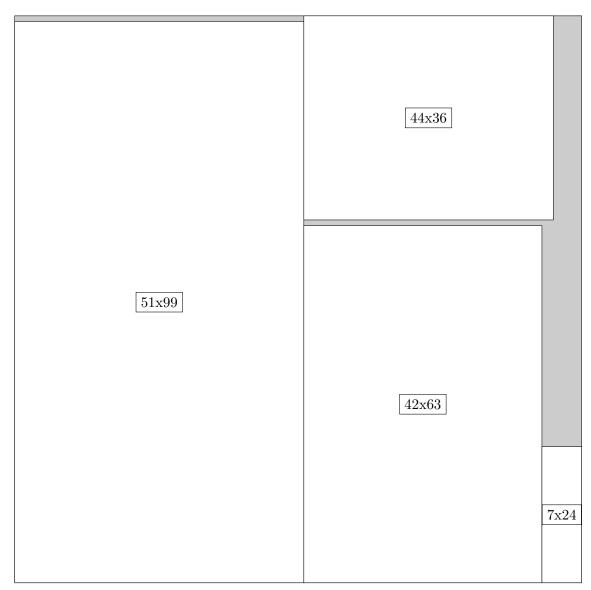
$$\le =21$$
 , h =88 , x =76 , y =12 , v =1848

$$\le =58$$
 , h =4 , x =0 , y =96 , v =232

$$\mathbf{w}$$
 =2 , h =30 , x =74 , y =70 , v =60



$$\begin{array}{l} w = \! 89 \ , \ h = \! 58 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5162 \\ w = \! 94 \ , \ h = \! 23 \ , \ x = \! 0 \ , \ y = \! 58 \ , \ v = \! 2162 \\ w = \! 48 \ , \ h = \! 19 \ , \ x = \! 0 \ , \ y = \! 81 \ , \ v = \! 912 \end{array}$$

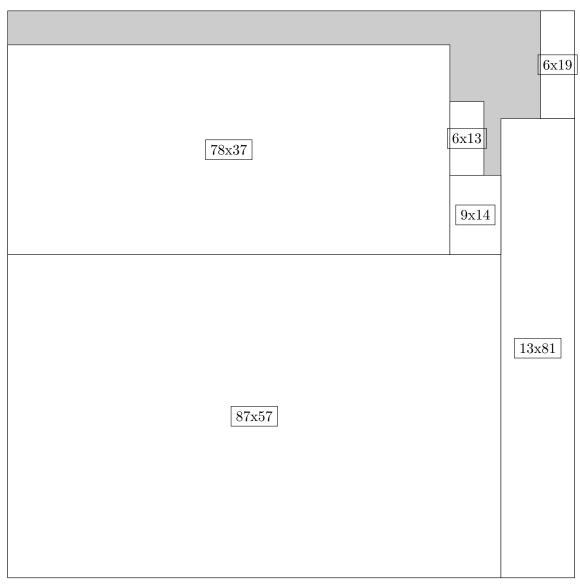


$$w$$
 =51 , h =99 , x =0 , y =0 , v =5049

$$\le =42$$
 , h =63 , x =51 , y =0 , v =2646

$$\le =44$$
 , h =36 , x =51 , y =64 , v =1584

$$\mathbf{w}$$
 =7 , h =24 , x =93 , y =0 , v =168



$$\le =87$$
 , $h=\!57$, $x=\!0$, $y=\!0$, $v=\!4959$

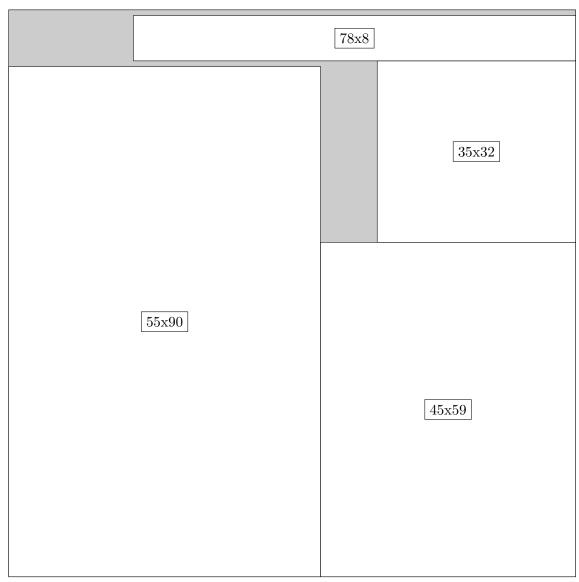
$$w = 78$$
, $h = 37$, $x = 0$, $y = 57$, $v = 2886$

$$\le =13$$
 , h =81 , x =87 , y =0 , v =1053

$$w$$
 =9 , h =14 , x =78 , y =57 , v =126

$$\mathbf{w}$$
 =6 , h =19 , x =94 , y =81 , v =114

$$\mathbf{w}$$
 =6 , h =13 , x =78 , y =71 , v =78

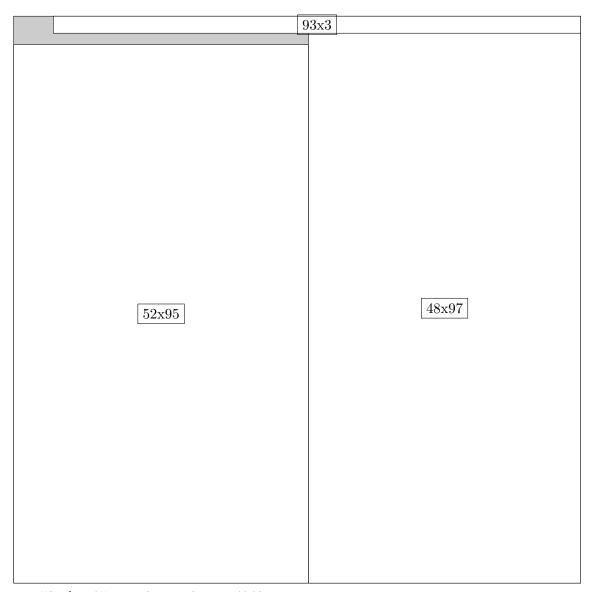


$$\mathbf{w}$$
 =55 , h =90 , x =0 , y =0 , v =4950

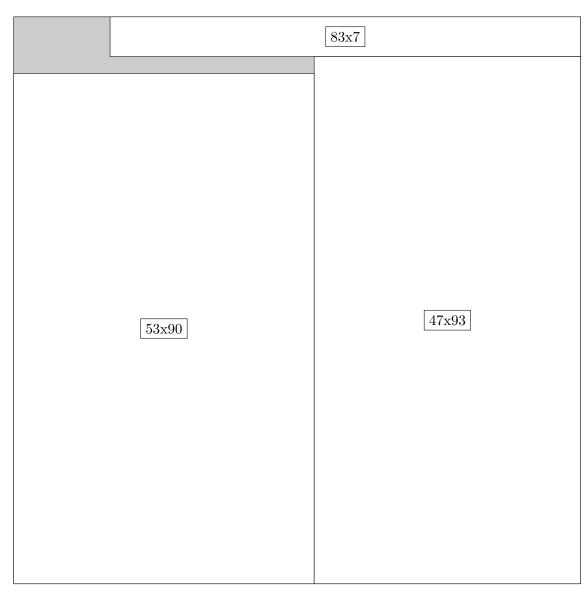
$$\le =45$$
 , $h=\!59$, $x=\!55$, $y=\!0$, $v=\!2655$

$$\le =35$$
 , h =32 , x =65 , y =59 , v =1120

$$\mathbf{w}$$
 =78 , h =8 , x =22 , y =91 , v =624

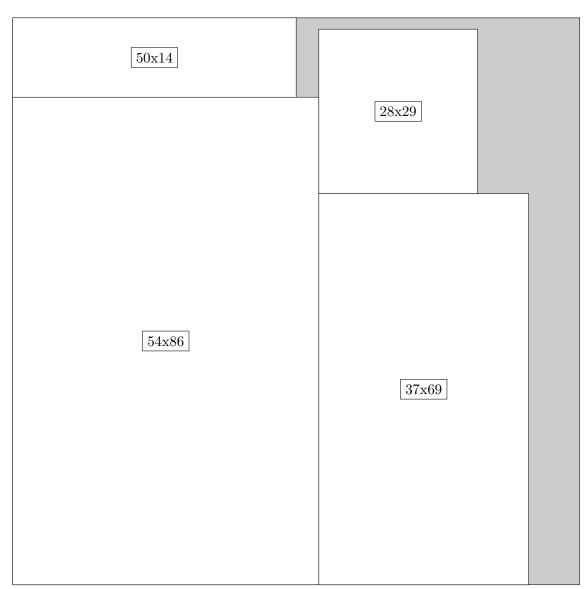


 $\begin{array}{l} w = \!\!52 \ , \ h = \!\!95 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!4940 \\ w = \!\!48 \ , \ h = \!\!97 \ , \ x = \!\!52 \ , \ y = \!\!0 \ , \ v = \!\!4656 \\ w = \!\!93 \ , \ h = \!\!3 \ , \ x = \!\!7 \ , \ y = \!\!97 \ , \ v = \!\!279 \end{array}$



 $\begin{array}{l} w = \! 53 \ , \ h = \! 90 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4770 \\ w = \! 47 \ , \ h = \! 93 \ , \ x = \! 53 \ , \ y = \! 0 \ , \ v = \! 4371 \end{array}$

w = 83, h = 7, x = 17, y = 93, v = 581

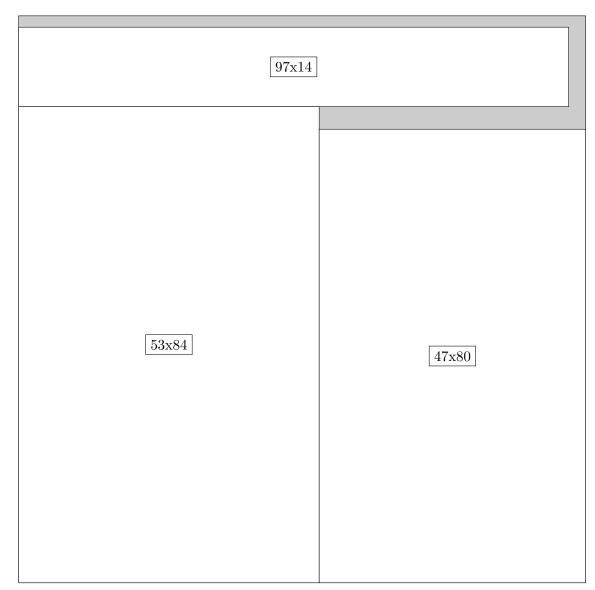


$$\le 54$$
 , h =86 , x =0 , y =0 , v =4644

$$\le =37$$
 , h =69 , x =54 , y =0 , v =2553

$$\le =28$$
 , h =29 , x =54 , y =69 , v =812

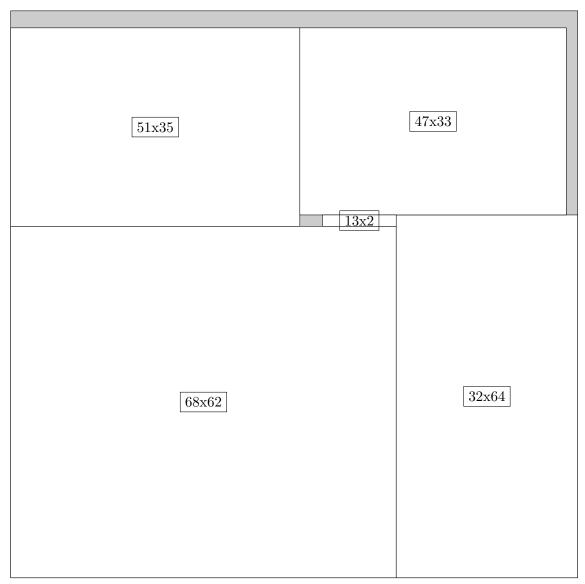
$$w$$
 =50 , h =14 , x =0 , y =86 , v =700



$$w = 53$$
, $h = 84$, $x = 0$, $y = 0$, $v = 4452$

$$\le =47$$
 , $h=80$, $x=53$, $y=0$, $v=3760$

$$\le =97$$
 , h =14 , x =0 , y =84 , v =1358



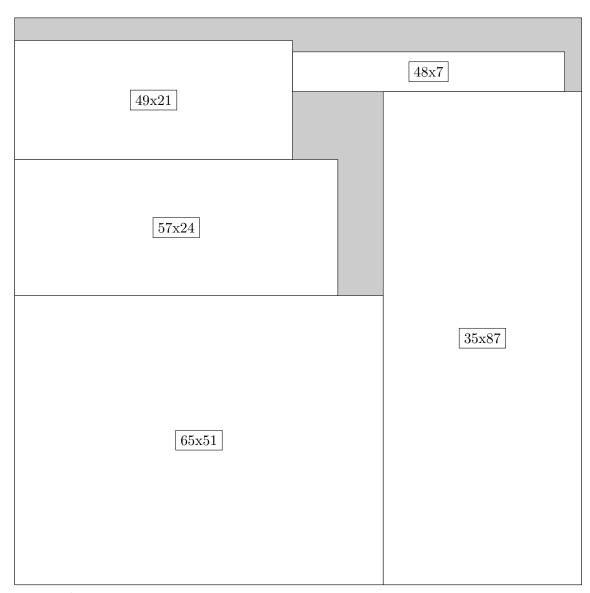
$$w = 68$$
, $h = 62$, $x = 0$, $y = 0$, $v = 4216$

$$\le =32$$
 , h =64 , x =68 , y =0 , v =2048

$$\le =51$$
 , h =35 , x =0 , y =62 , v =1785

$$\le =47$$
 , h =33 , x =51 , y =64 , v =1551

$$\le =13$$
 , h =2 , x =55 , y =62 , v =26



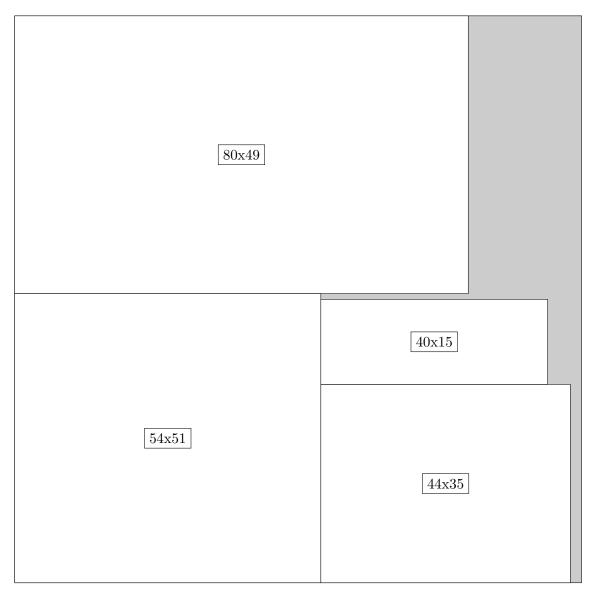
$$\le =65$$
 , h =51 , x =0 , y =0 , v =3315

$$\le =35$$
 , h =87 , x =65 , y =0 , v =3045

$$\le =57$$
 , h =24 , x =0 , y =51 , v =1368

$$\le =49$$
 , h =21 , x =0 , y =75 , v =1029

$$\mathbf{w}$$
 =48 , h =7 , x =49 , y =87 , v =336

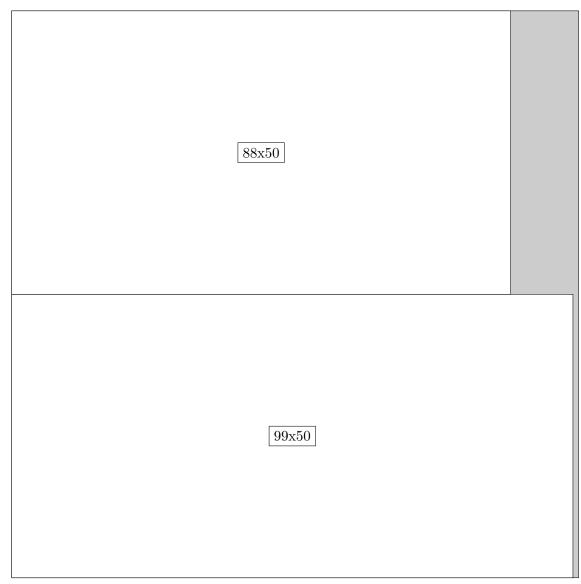


$$w = 80$$
, $h = 49$, $x = 0$, $y = 51$, $v = 3920$

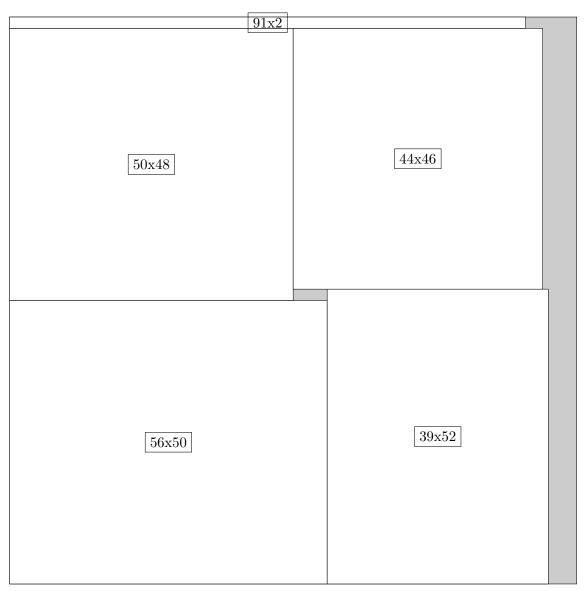
$$\le =54$$
 , $h=\! 51$, $x=\! 0$, $y=\! 0$, $v=\! 2754$

$$\le =44$$
 , h =35 , x =54 , y =0 , v =1540

$$\le =40$$
 , $h=15$, $x=54$, $y=35$, $v=600$



$$\begin{array}{c} w = 99 \; , \; h = \!\! 50 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 4950 \\ w = \!\! 88 \; , \; h = \!\! 50 \; , \; x = \!\! 0 \; , \; y = \!\! 50 \; , \; v = \!\! 4400 \\ \end{array}$$



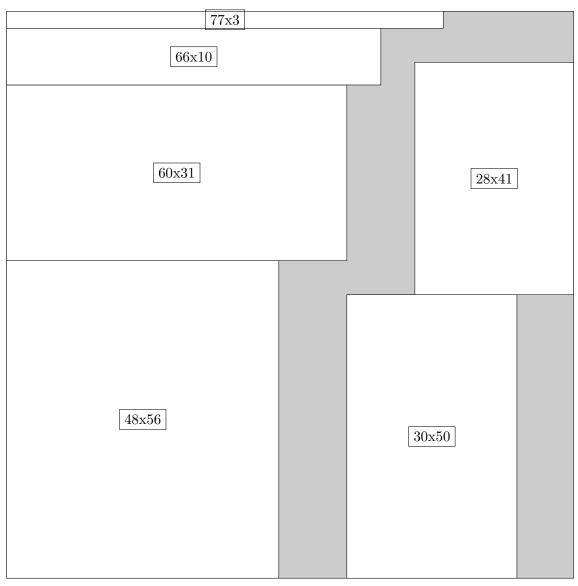
$$\mathbf{w}$$
 =56 , \mathbf{h} =50 , \mathbf{x} =0 , \mathbf{y} =0 , \mathbf{v} =2800

$$\le =50$$
 , h =48 , x =0 , y =50 , v =2400

$$\le =39$$
 , h =52 , x =56 , y =0 , v =2028

$$w = 44$$
, $h = 46$, $x = 50$, $y = 52$, $v = 2024$

$$\le =91$$
 , h =2 , x =0 , y =98 , v =182



$$\le =48$$
 , h =
56 , x =0 , y =
0 , v =
2688

$$\le =60$$
 , h =31 , x =0 , y =56 , v =1860

$$\le =30$$
 , $h=\!50$, $x=\!60$, $y=\!0$, $v=\!1500$

$$w = 28$$
, $h = 41$, $x = 72$, $y = 50$, $v = 1148$

$$\le =66$$
 , h =10 , x =0 , y =87 , v =660

$$\mathbf{w}$$
 =77 , h =3 , x =0 , y =97 , v =231