$ClassName: \ Class\_05.2bp-42$ 

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

TypeNum: 99
Num: 100
OutS: 240000
InS: 222057
Rate: 0.925
UB: 24
LB0: 24

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

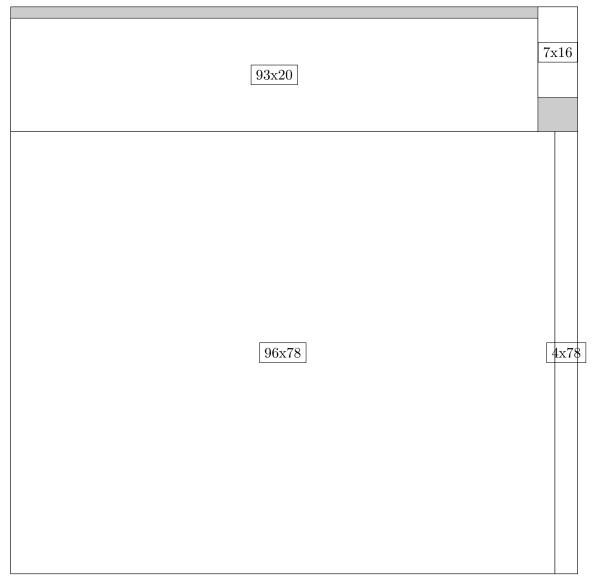
LB: **24** 

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

GenNodeCnt: 1
PrimalNode: 0
ColumnCount: 24
TotalCutCount: 0
RootCutCount: 0
LPSolverCnt: 1
PricingSolverCnt: 0
BranchAndBoundNum: 1

isOpt: **true** 

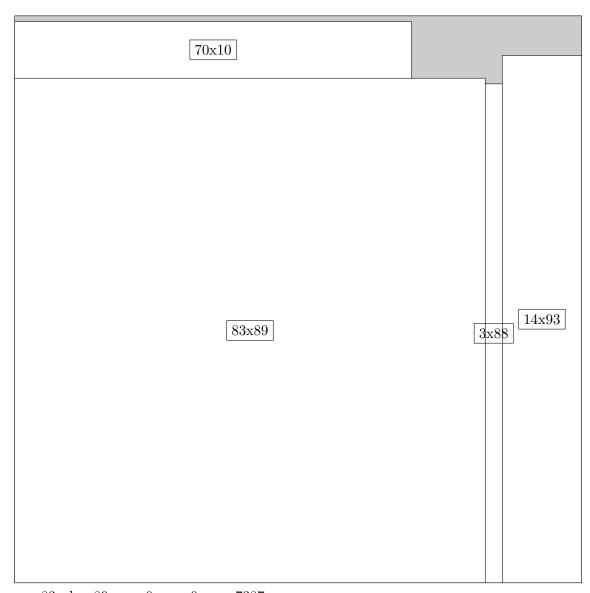
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.094 sTotalTime: 0.172 s



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

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

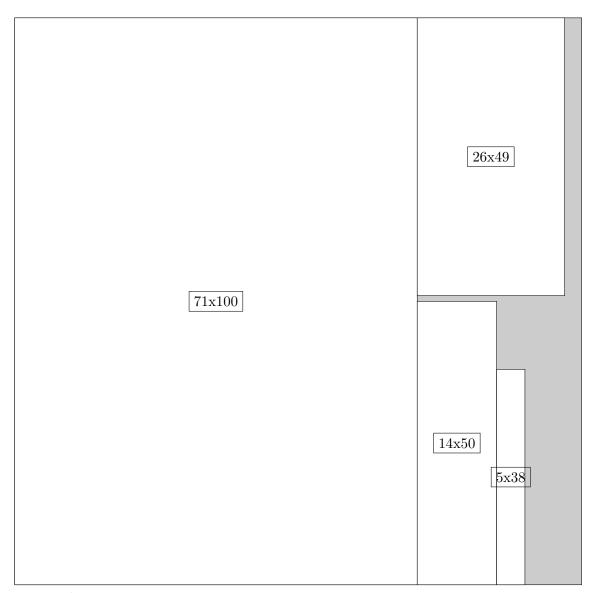
$$w$$
 =7 ,  $h$  =16 ,  $x$  =93 ,  $y$  =84 ,  $v$  =112

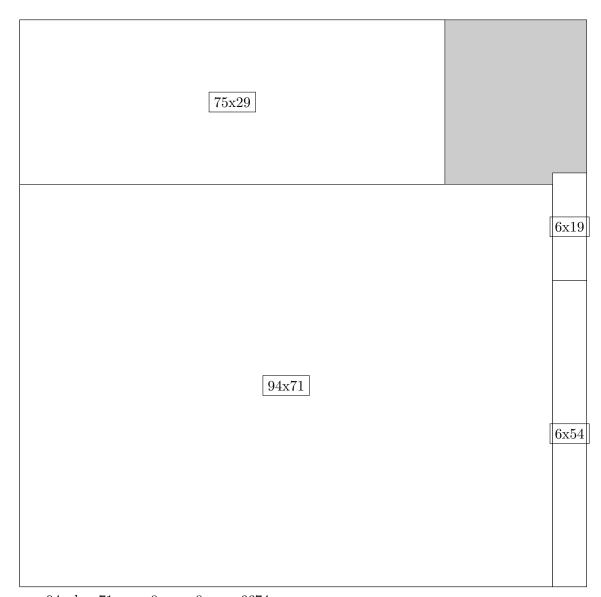


$$\begin{array}{l} w = \! 83 \ , \ h = \! 89 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7387 \\ w = \! 14 \ , \ h = \! 93 \ , \ x = \! 86 \ , \ y = \! 0 \ , \ v = \! 1302 \end{array}$$

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

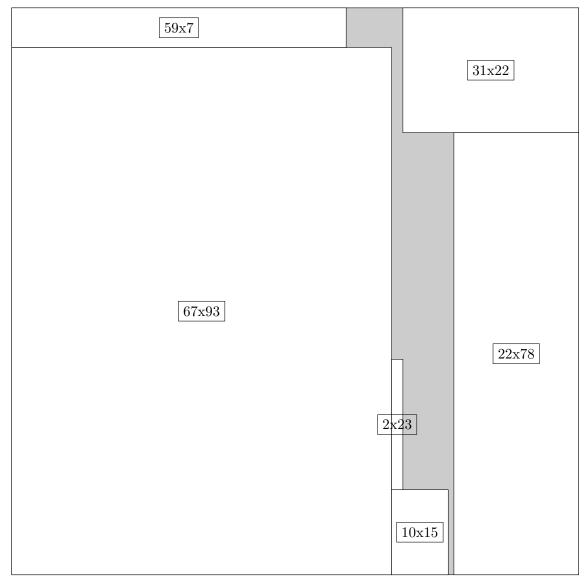
$$\le 3$$
 , h =  
88 , x =  
83 , y =  
0 , v =  
264



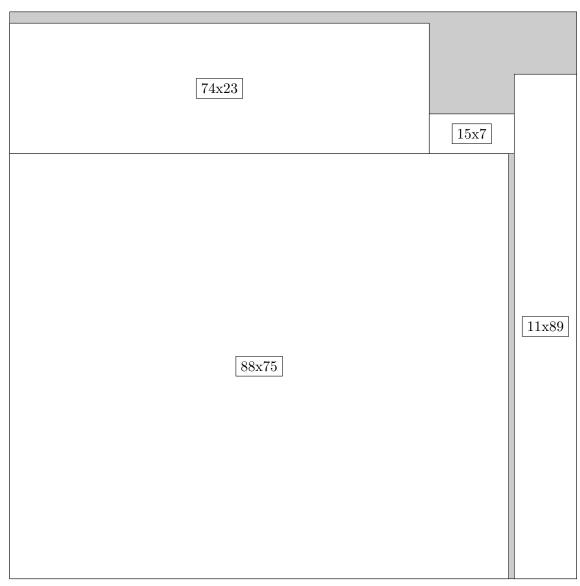


$$w = 6$$
,  $h = 54$ ,  $x = 94$ ,  $y = 0$ ,  $v = 324$ 

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



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

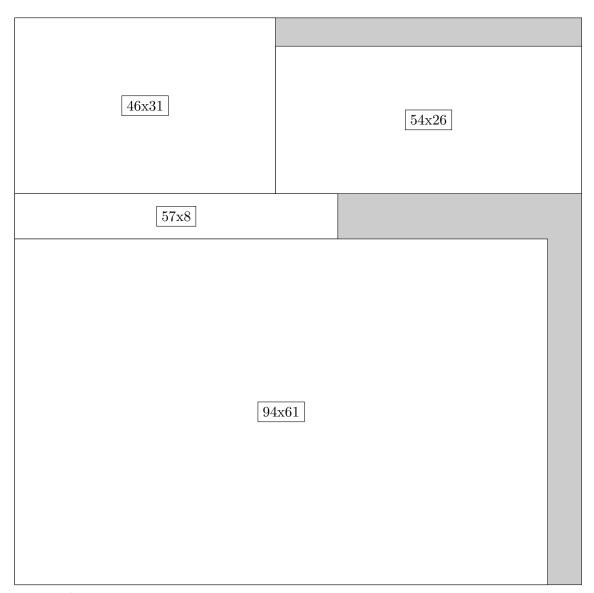


$$\mathbf{w}$$
 =88 , h =75 , x =0 , y =0 , v =6600

$$\le =74$$
 , 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

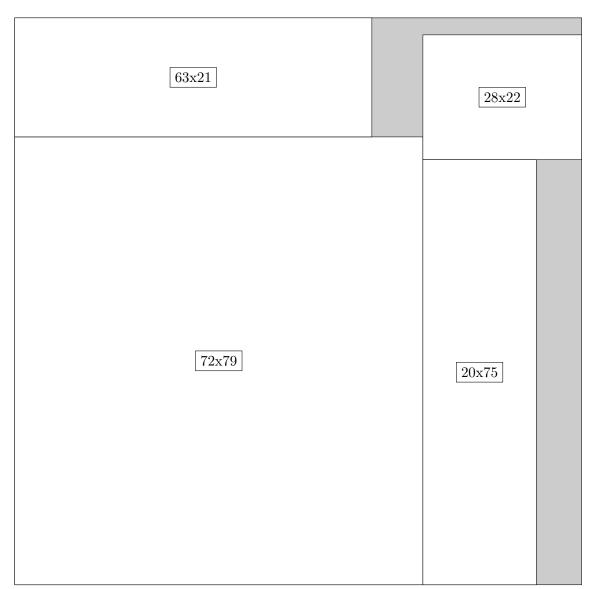


$$\le =57$$
 , h =8 , x =0 , y =61 , v =456

$$\le =46$$
 , 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

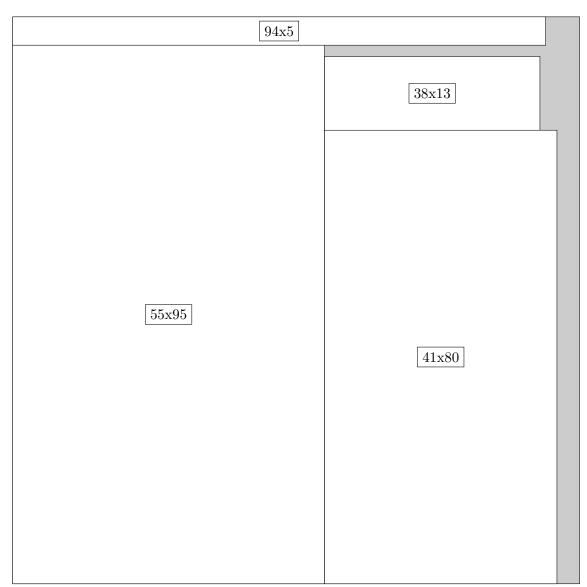


$$\mathbf{w}$$
 =72 , h =79 , x =0 , y =0 , v =5688

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

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

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

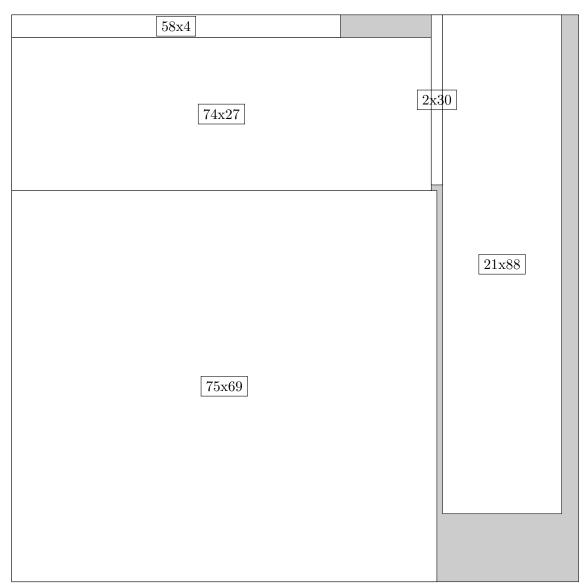


$$\le -55$$
 , h =  
95 , x =0 , y =  
0 , v =  
5225

$$\le =41$$
 ,  $h$  =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



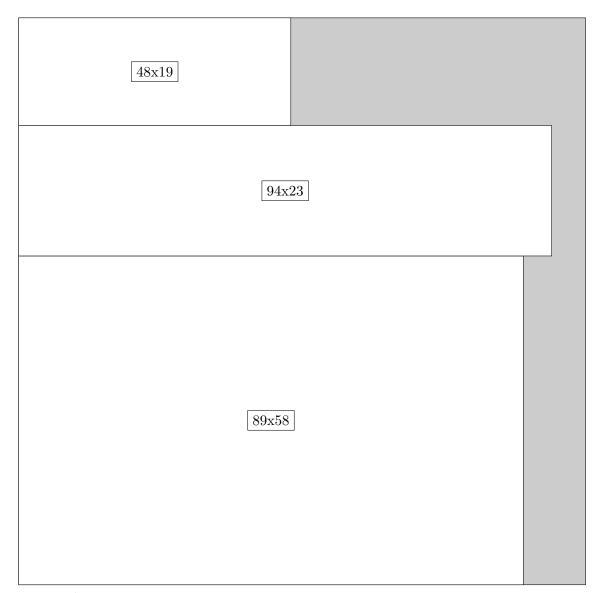
$$w$$
 =75 ,  $h$  =69 ,  $x$  =0 ,  $y$  =0 ,  $v$  =5175

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

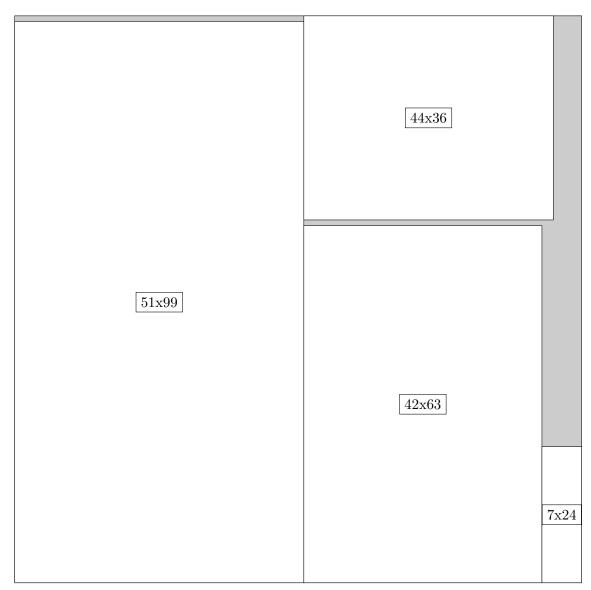
$$\le =21$$
 , h =88 , x =76 , y =12 , v =1848

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

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



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

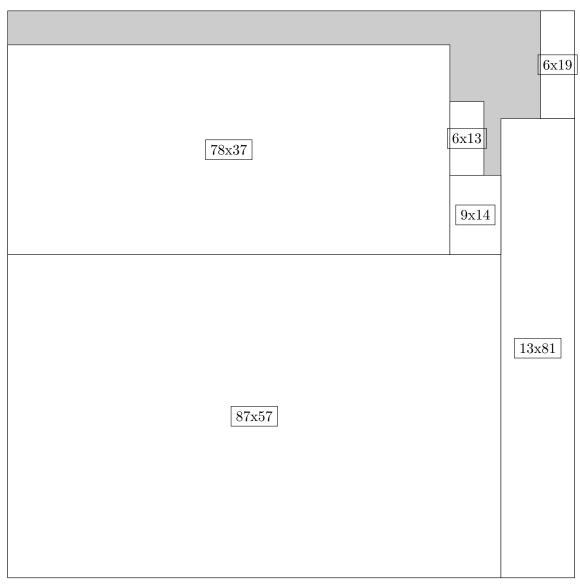


$$w$$
 =51 ,  $h$  =99 ,  $x$  =0 ,  $y$  =0 ,  $v$  =5049

$$\le =42$$
 , 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



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

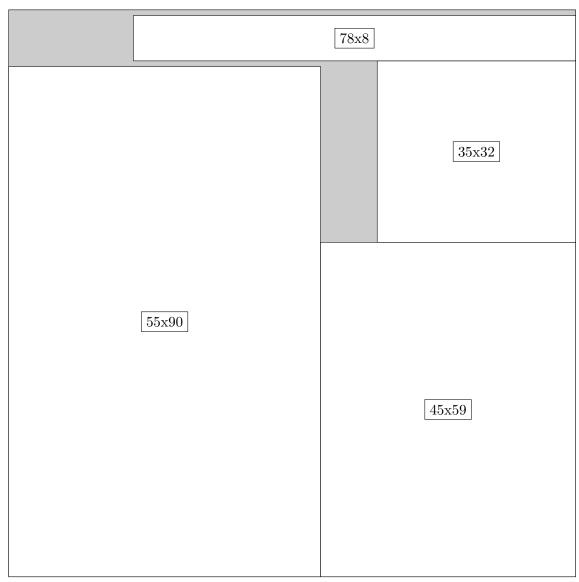
$$w = 78$$
,  $h = 37$ ,  $x = 0$ ,  $y = 57$ ,  $v = 2886$ 

$$\le =13$$
 ,  $h$  =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

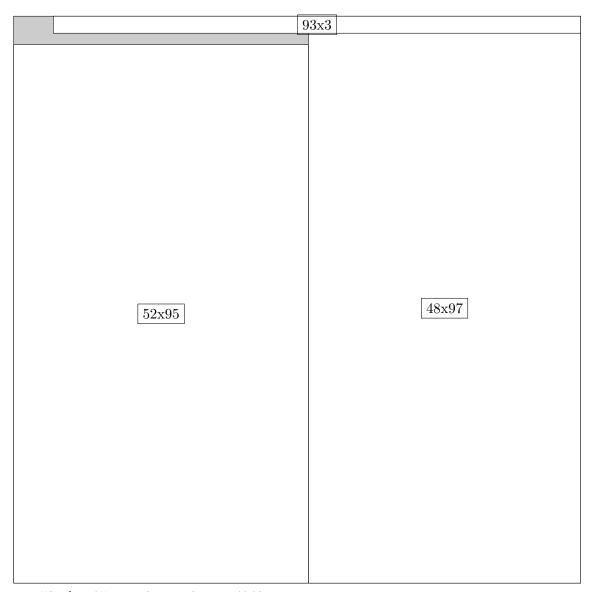


$$\mathbf{w}$$
 =55 , h =90 , x =0 , y =0 , v =4950

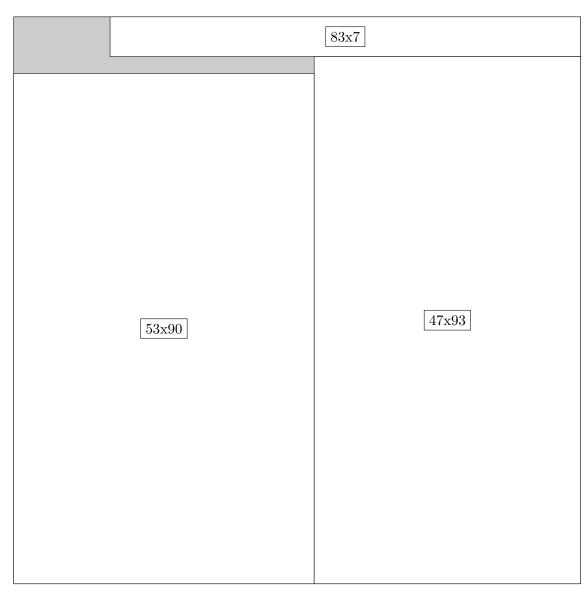
$$\le =45$$
 ,  $h=\!59$  ,  $x=\!55$  ,  $y=\!0$  ,  $v=\!2655$ 

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

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

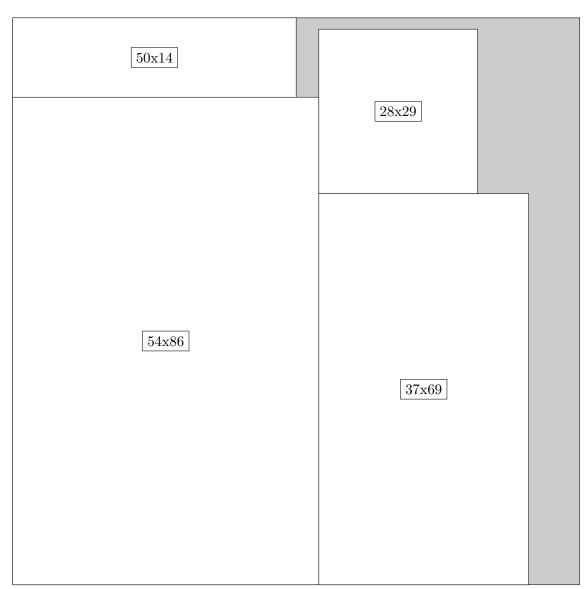


 $\begin{array}{l} w = \!\!52 \ , \ h = \!\!95 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!4940 \\ w = \!\!48 \ , \ h = \!\!97 \ , \ x = \!\!52 \ , \ y = \!\!0 \ , \ v = \!\!4656 \\ w = \!\!93 \ , \ h = \!\!3 \ , \ x = \!\!7 \ , \ y = \!\!97 \ , \ v = \!\!279 \end{array}$ 



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

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

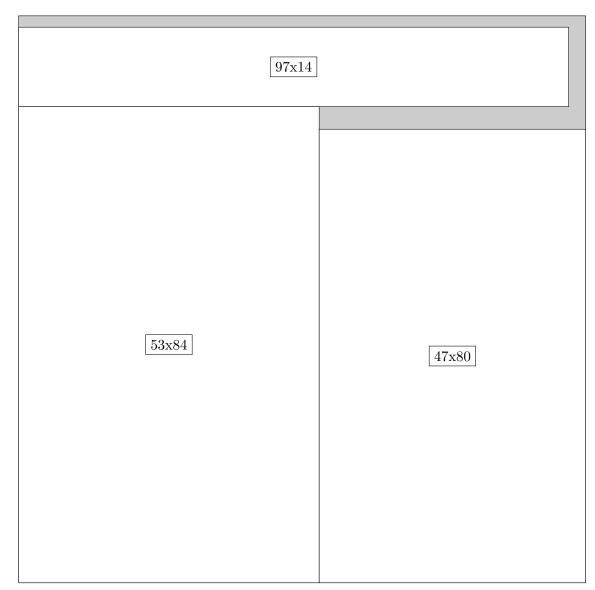


$$\le 54$$
 ,  $h$  =86 ,  $x$  =0 ,  $y$  =0 ,  $v$  =4644

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

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

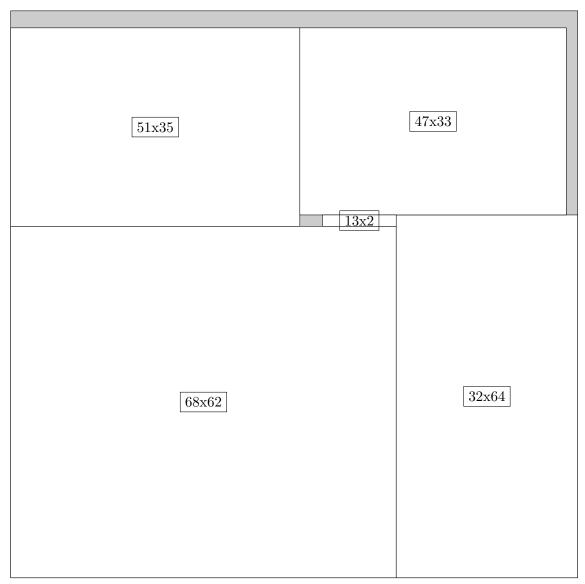
$$w$$
 =50 , h =14 , x =0 , y =86 , v =700



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

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

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



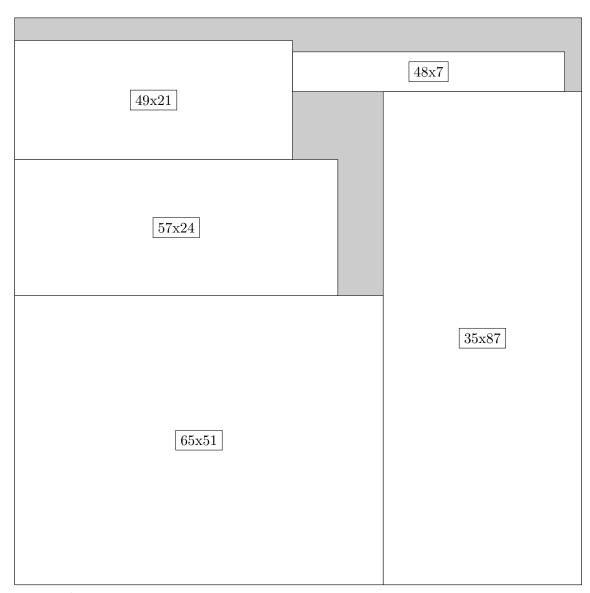
$$w = 68$$
,  $h = 62$ ,  $x = 0$ ,  $y = 0$ ,  $v = 4216$ 

$$\le =32$$
 , 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



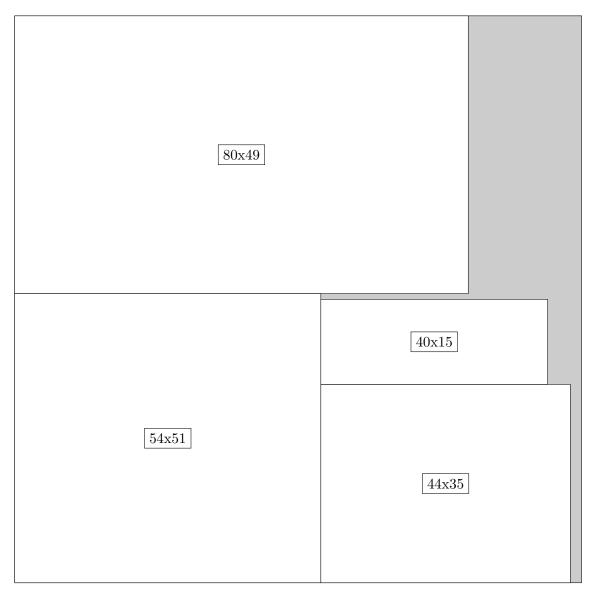
$$\le =65$$
 ,  $h$  =51 ,  $x$  =0 ,  $y$  =0 ,  $v$  =3315

$$\le =35$$
 , 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

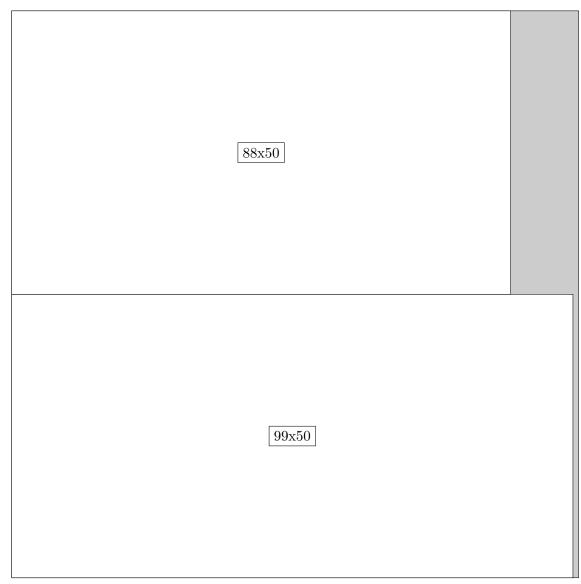


$$w = 80$$
,  $h = 49$ ,  $x = 0$ ,  $y = 51$ ,  $v = 3920$ 

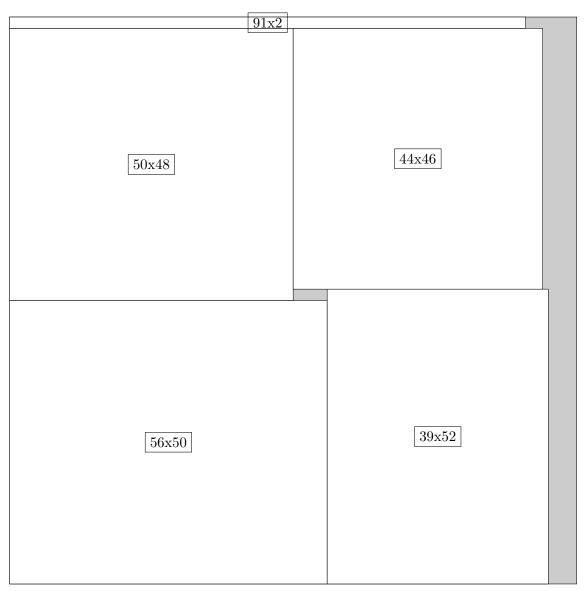
$$\le =54$$
 ,  $h=\! 51$  ,  $x=\! 0$  ,  $y=\! 0$  ,  $v=\! 2754$ 

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

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



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



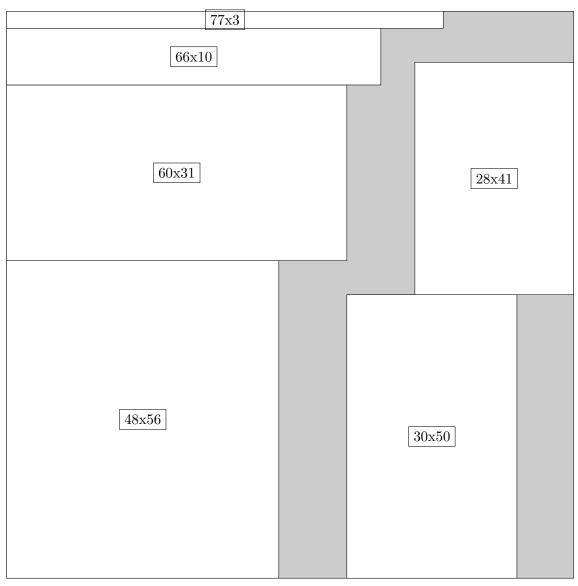
$$\mathbf{w}$$
 =56 ,  $\mathbf{h}$  =50 ,  $\mathbf{x}$  =0 ,  $\mathbf{y}$  =0 ,  $\mathbf{v}$  =2800

$$\le =50$$
 , 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