$ClassName: \ Class\_05.2bp-43$ 

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

TypeNum: <u>100</u> Num: <u>100</u> OutS: <u>260000</u> InS: <u>240023</u> Rate: <u>0.923</u> UB: <u>26</u> LB0: <u>26</u>

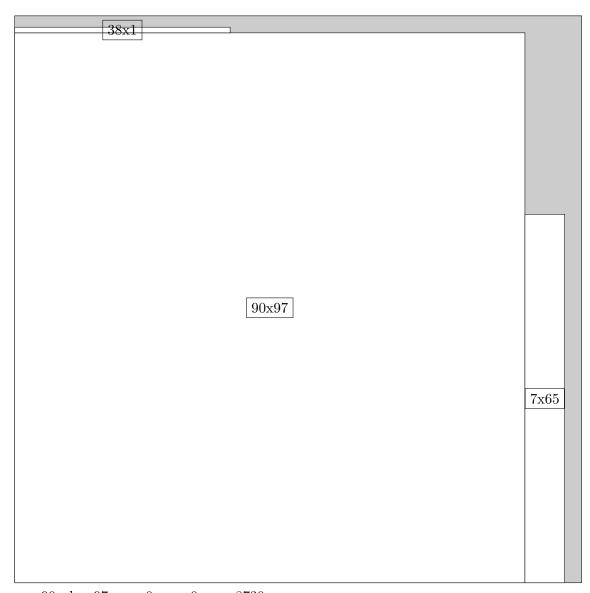
LB:  $\underline{26}$ LBWithCut:  $\underline{26}$ NodeCut:  $\underline{0}$ 

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

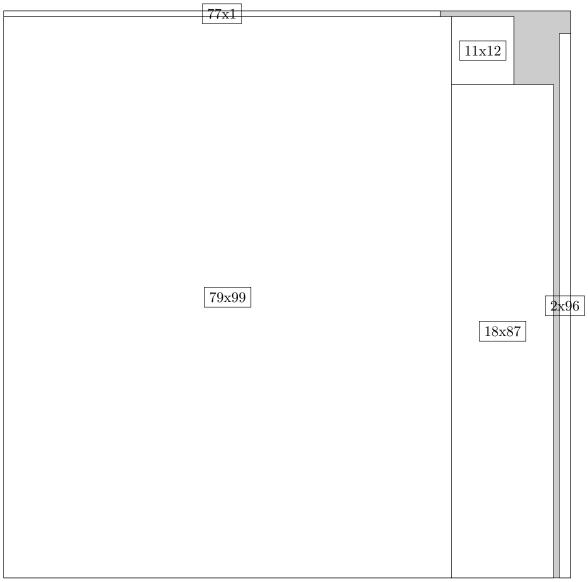
isOpt: **true** 

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{\bf 5.260 \ s} \\ {\rm TimeOnPrimal:} \ \underline{\bf 0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{\bf 0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{\bf 0.094 \ s} \\ {\rm TotalTime:} \ \underline{\bf 5.416 \ s} \end{array}$ 

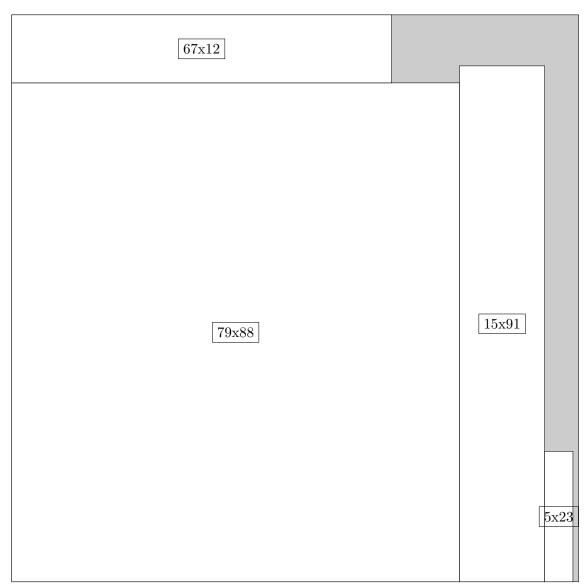


$$\begin{array}{l} w = \! 90 \ , \ h = \! 97 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 8730 \\ w = \! 7 \ , \ h = \! 65 \ , \ x = \! 90 \ , \ y = \! 0 \ , \ v = \! 455 \end{array}$$

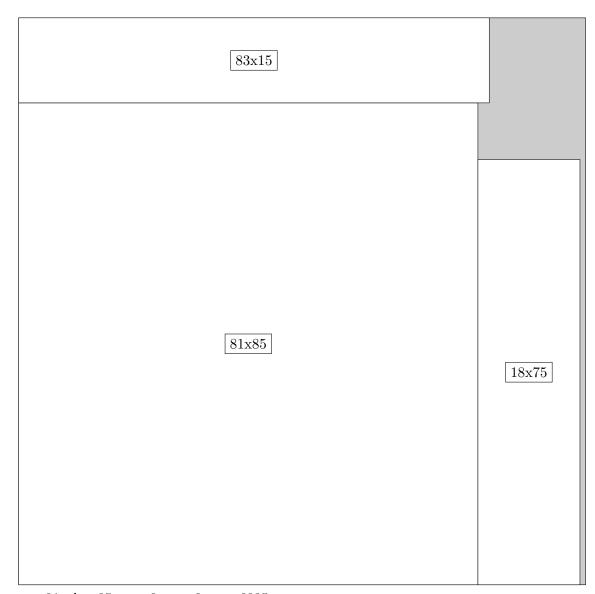
$$\le =38$$
 , h =1 , x =0 , y =97 , v =38



 $\begin{array}{l} w=79\ ,\ h=99\ ,\ x=0\ ,\ y=0\ ,\ v=7821\\ w=18\ ,\ h=87\ ,\ x=79\ ,\ y=0\ ,\ v=1566\\ w=2\ ,\ h=96\ ,\ x=98\ ,\ y=0\ ,\ v=192\\ w=11\ ,\ h=12\ ,\ x=79\ ,\ y=87\ ,\ v=132\\ w=77\ ,\ h=1\ ,\ x=0\ ,\ y=99\ ,\ v=77 \end{array}$ 

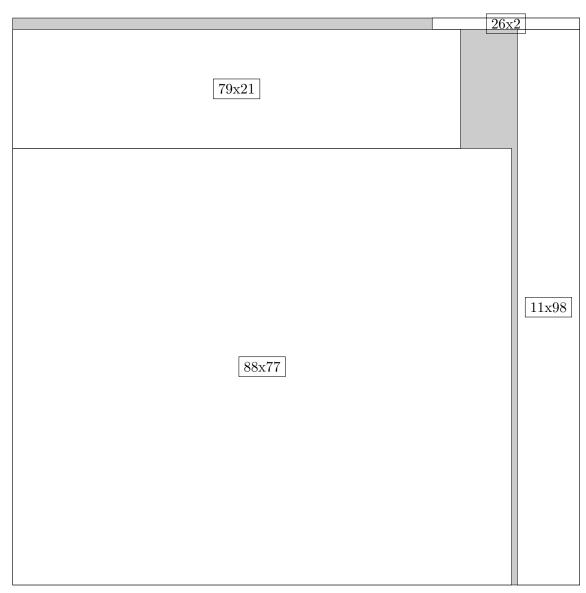


 $\begin{array}{l} w = & 79 \ , \ h = & 88 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 6952 \\ w = & 15 \ , \ h = & 91 \ , \ x = & 79 \ , \ y = & 0 \ , \ v = & 1365 \\ w = & 67 \ , \ h = & 12 \ , \ x = & 0 \ , \ y = & 88 \ , \ v = & 804 \\ w = & 5 \ , \ h = & 23 \ , \ x = & 94 \ , \ y = & 0 \ , \ v = & 115 \end{array}$ 

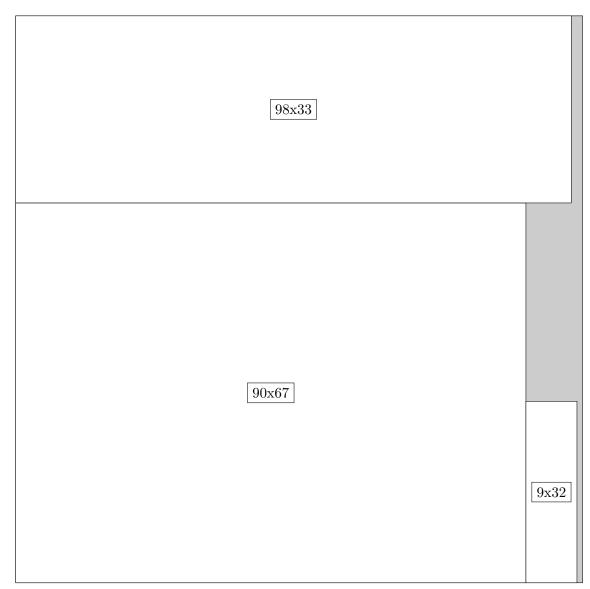


$$\begin{array}{l} w = \! 81 \; , \; h = \! 85 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 6885 \\ w = \! 18 \; , \; h = \! 75 \; , \; x = \! 81 \; , \; y = \! 0 \; , \; v = \! 1350 \end{array}$$

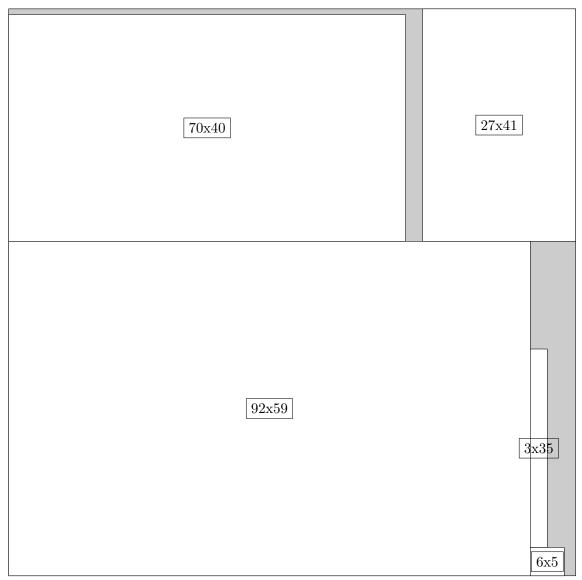
$$w = 83$$
,  $h = 15$ ,  $x = 0$ ,  $y = 85$ ,  $v = 1245$ 



$$\begin{array}{l} w = \! 88 \; , \; h = \! 77 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 6776 \\ w = \! 11 \; , \; h = \! 98 \; , \; x = \! 89 \; , \; y = \! 0 \; , \; v = \! 1078 \\ w = \! 79 \; , \; h = \! 21 \; , \; x = \! 0 \; , \; y = \! 77 \; , \; v = \! 1659 \\ w = \! 26 \; , \; h = \! 2 \; , \; x = \! 74 \; , \; y = \! 98 \; , \; v = \! 52 \end{array}$$



$$\begin{array}{l} w = & 90 \ , \ h = & 67 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 6030 \\ w = & 98 \ , \ h = & 33 \ , \ x = & 0 \ , \ y = & 67 \ , \ v = & 3234 \\ w = & 9 \ , \ h = & 32 \ , \ x = & 90 \ , \ y = & 0 \ , \ v = & 288 \end{array}$$



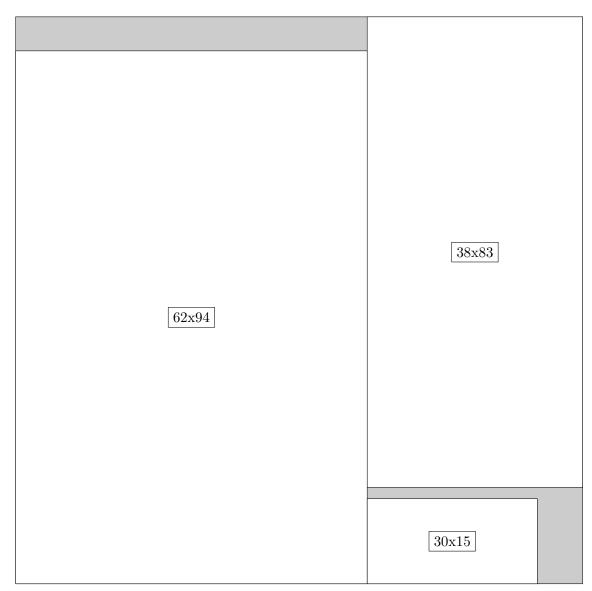
$$\le =92$$
 ,  $h=59$  ,  $x=0$  ,  $y=0$  ,  $v=5428$ 

$$\le =70$$
 , h =40 , x =0 , y =59 , v =2800

$$\le =27$$
 , h =41 , x =73 , y =59 , v =1107

$$w$$
 =3 , h =35 , x =92 , y =5 , v =105

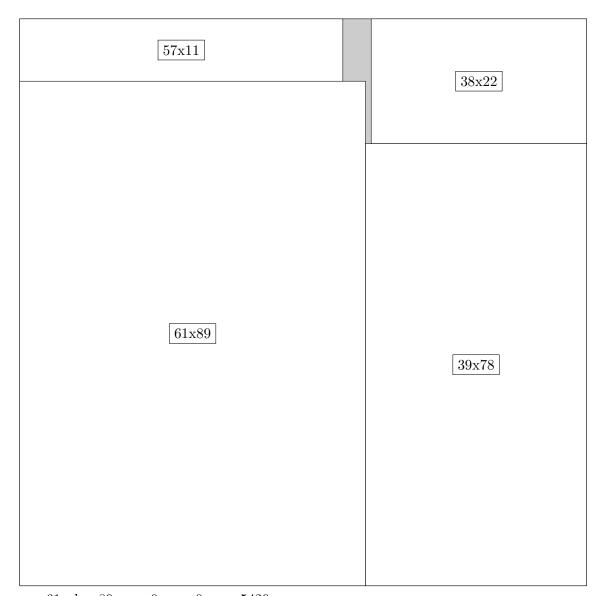
$$w = 6$$
,  $h = 5$ ,  $x = 92$ ,  $y = 0$ ,  $v = 30$ 



$$\le 38$$
 ,  $h = \! 83$  ,  $x = \! 62$  ,  $y = \! 17$  ,  $v = \! 3154$ 

$$\le =62$$
 , h =94 , x =0 , y =0 , v =  
5828

$$\le =30$$
 , h =15 , x =62 , y =0 , v =450

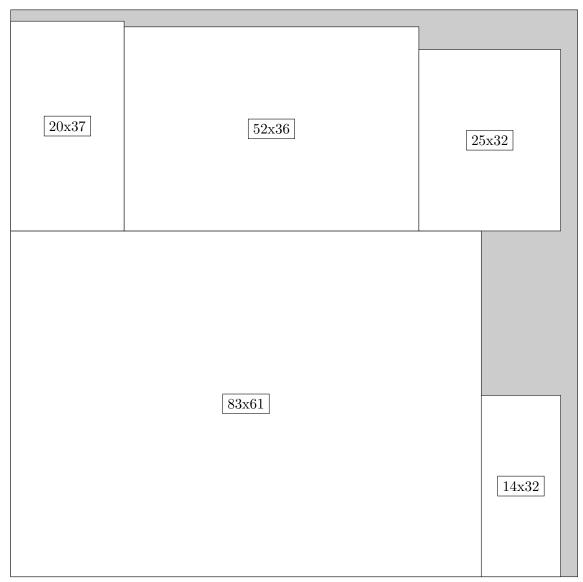


$$\le =61$$
 , h =89 , x =0 , y =0 , v =  
5429

$$\le =39$$
 ,  $h$  =78 ,  $x$  =61 ,  $y$  =0 ,  $v$  =3042

$$\le =38$$
 , h =22 , x =62 , y =78 , v =836

$$\le =57$$
 , h =11 , x =0 , y =89 , v =627



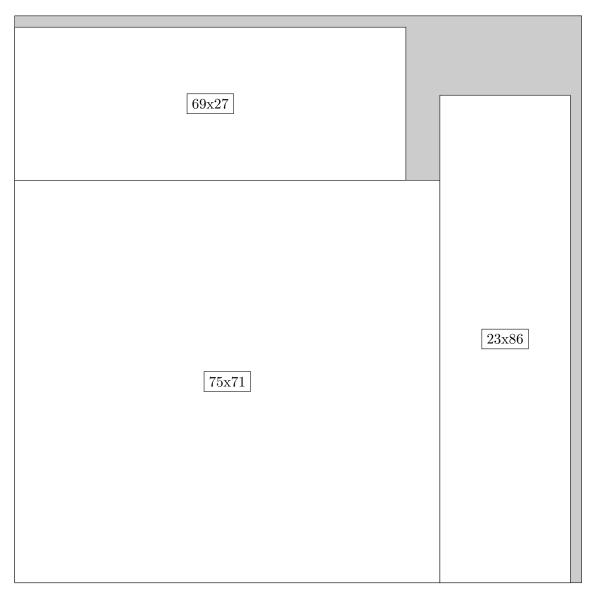
$$w = 83$$
,  $h = 61$ ,  $x = 0$ ,  $y = 0$ ,  $v = 5063$ 

$$\le =52$$
 , h =36 , x =20 , y =61 , v =1872

$$\le =25$$
 , h =32 , x =72 , y =61 , v =800

$$\mathbf{w}$$
 =20 , h =37 , x =0 , y =61 , v =740

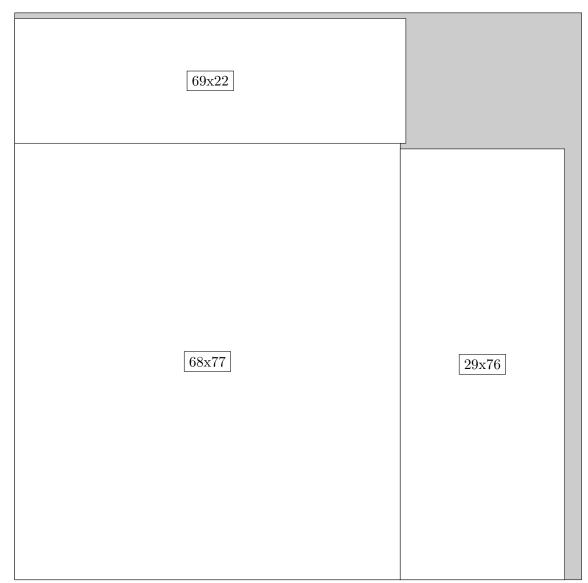
$$w = 14$$
,  $h = 32$ ,  $x = 83$ ,  $y = 0$ ,  $v = 448$ 



$$w$$
 =75 ,  $h$  =71 ,  $x$  =0 ,  $y$  =0 ,  $v$  =5325

$$\le =23$$
 ,  $h=86$  ,  $x=75$  ,  $y=0$  ,  $v=1978$ 

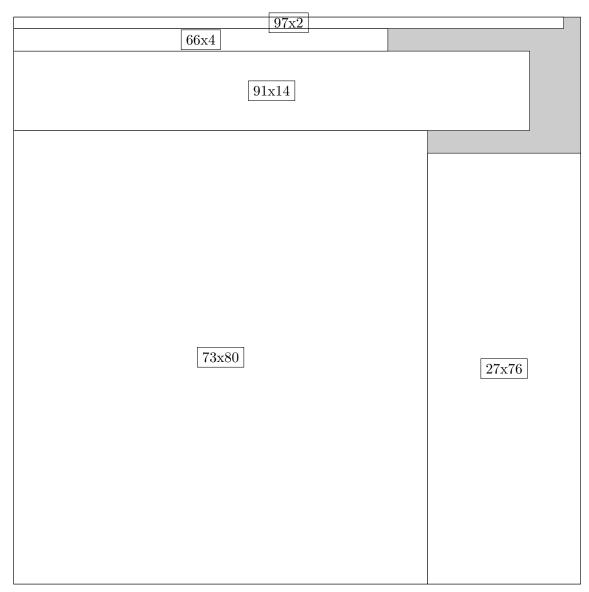
$$\le =69$$
 , h =27 , x =0 , y =71 , v =1863



$$\le =68$$
 ,  $h$  =77 ,  $x$  =0 ,  $y$  =0 ,  $v$  =5236

$$\le =29$$
 , h =76 , x =68 , y =0 , v =2204

$$\le =69$$
 , h =22 , x =0 , y =77 , v =1518



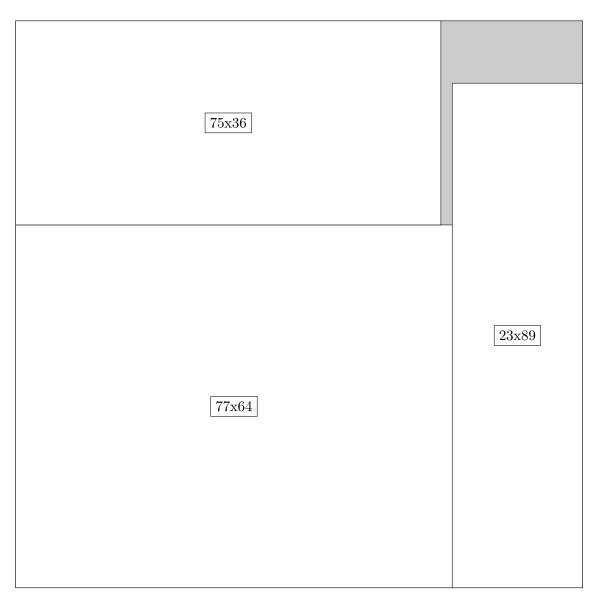
$$\le =73$$
 ,  $==80$  ,  $==0$  ,  $==5840$ 

$$\le =27$$
 ,  $= 76$  ,  $= 73$  ,  $y=0$  ,  $v=2052$ 

$$\le =91$$
 ,  $h=14$  ,  $x=0$  ,  $y=80$  ,  $v=1274$ 

$$w = 66$$
,  $h = 4$ ,  $x = 0$ ,  $y = 94$ ,  $v = 264$ 

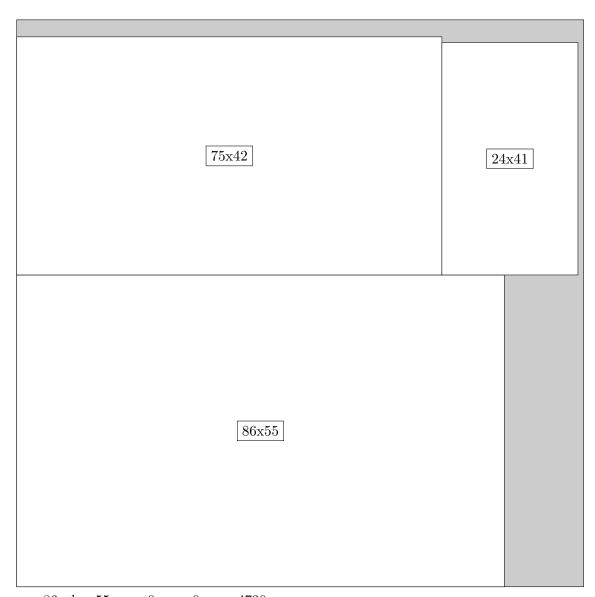
$$w = 97$$
,  $h = 2$ ,  $x = 0$ ,  $y = 98$ ,  $v = 194$ 



$$\mathbf{w}$$
 =77 ,  $\mathbf{h}$  =64 ,  $\mathbf{x}$  =0 ,  $\mathbf{y}$  =0 ,  $\mathbf{v}$  =4928

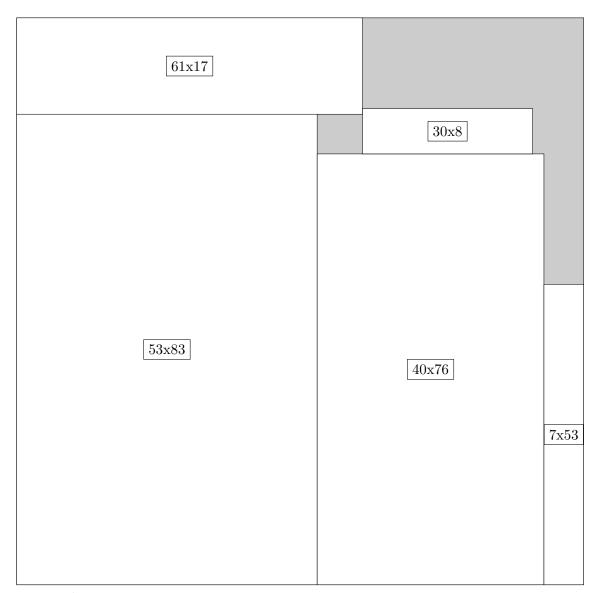
$$\le =75$$
 , h =36 , x =0 , y =64 , v =2700

$$\le =23$$
 , h =89 , x =77 , y =0 , v =2047



$$\le =75$$
 , h =42 , x =0 , y =55 , v =3150

$$\le =24$$
 , h =41 , x =75 , y =55 , v =984



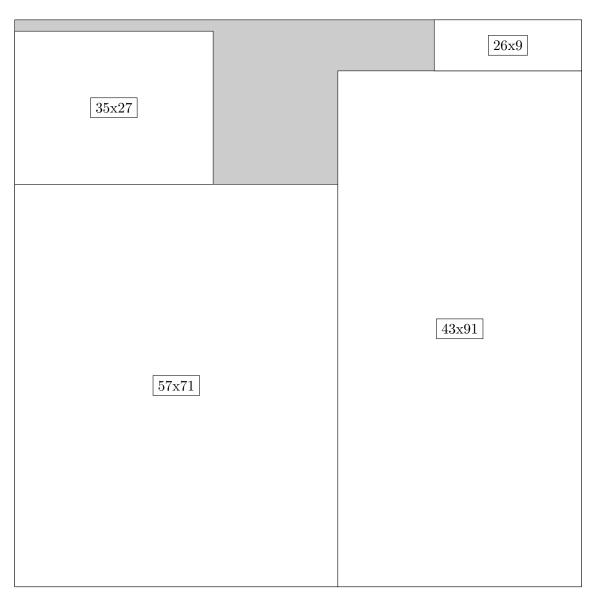
$$\le =53$$
 , h =83 , x =0 , y =0 , v =4399

$$\le =40$$
 ,  $h=76$  ,  $x=53$  ,  $y=0$  ,  $v=3040$ 

$$\le =61$$
 ,  $h$  =17 ,  $x$  =0 ,  $y$  =83 ,  $v$  =1037

$$w$$
 =7 , h =53 , x =93 , y =0 , v =371

$$w=\!30$$
 ,  $h=\!8$  ,  $x=\!61$  ,  $y=\!76$  ,  $v=\!240$ 

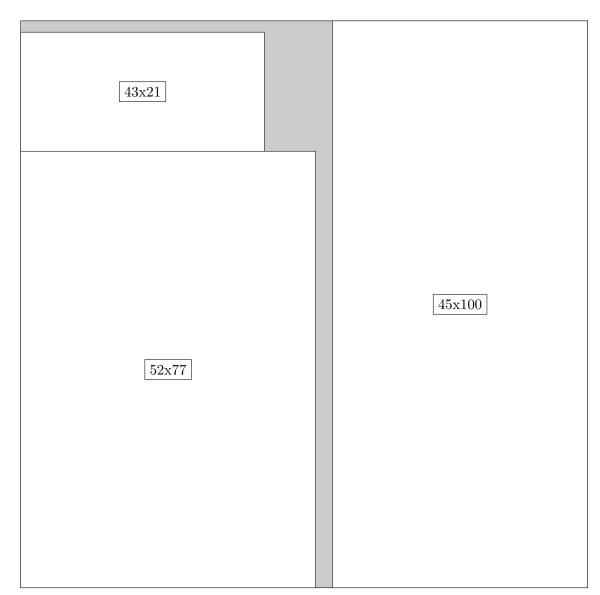


$$\mathbf{w}$$
 =57 , h =71 , x =0 , y =0 , v =4047

$$\le =43$$
 , h =91 , x =57 , y =0 , v =3913

$$\le =35$$
 , h =27 , x =0 , y =71 , v =945

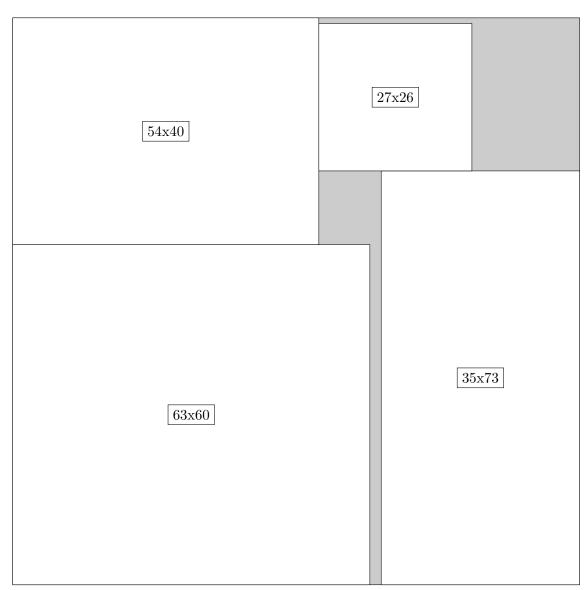
$$w$$
 =26 , h =9 , x =74 , y =91 , v =234



$$w$$
 =45 ,  $h$  =100 ,  $x$  =55 ,  $y$  =0 ,  $v$  =4500

$$\mathbf{w}$$
 =52 , h =77 , x =0 , y =0 , v =4004

$$\le =43$$
 , h =21 , x =0 , y =77 , v =903

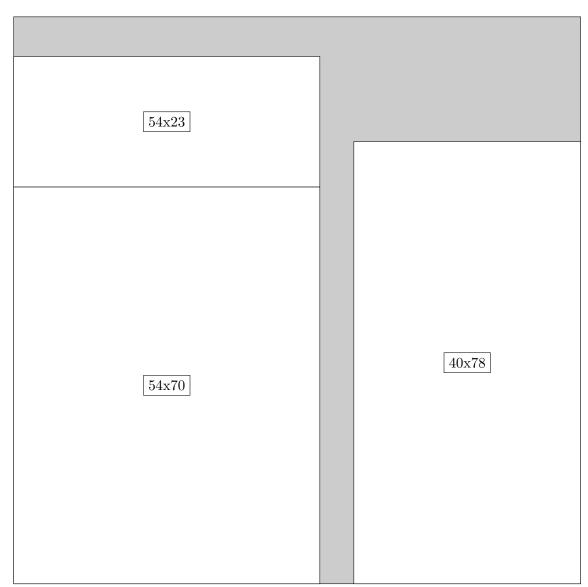


$$\le =63$$
 ,  $h=60$  ,  $x=0$  ,  $y=0$  ,  $v=3780$ 

$$\le =35$$
 ,  $h$  =73 ,  $x$  =65 ,  $y$  =0 ,  $v$  =2555

$$\le 54$$
 , h =  
40 , x =  
0 , y =  
60 , v =  
2160

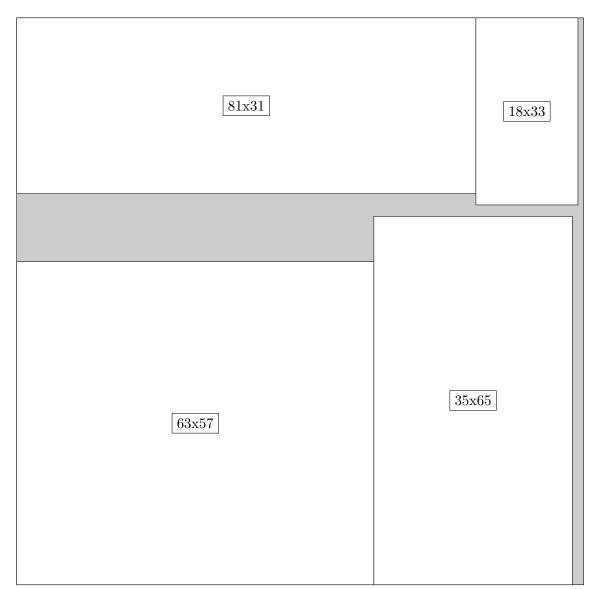
$$w$$
 =27 , h =26 , x =54 , y =73 , v =702



$$\le 54$$
 , h =  
70 , x =  
0 , y =  
0 , v =  
3780

$$w = 40$$
 ,  $h = 78$  ,  $x = 60$  ,  $y = 0$  ,  $v = 3120$ 

$$\mathbf{w}$$
 =54 , h =23 , x =0 , y =70 , v =1242

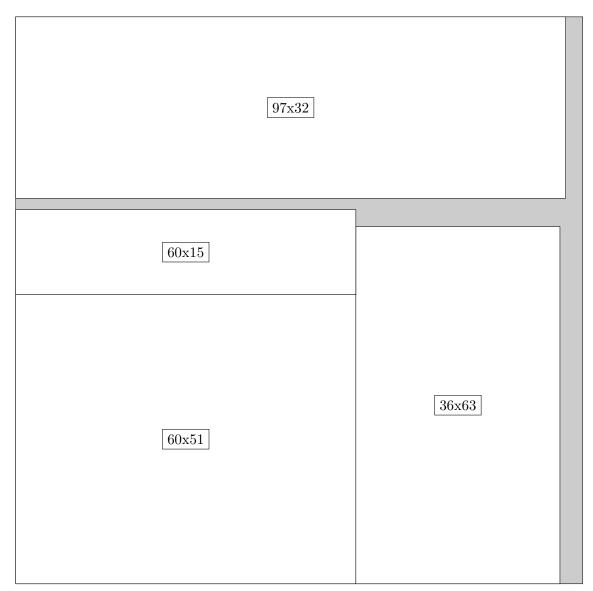


$$\le =63$$
 ,  $h=57$  ,  $x=0$  ,  $y=0$  ,  $v=3591$ 

$$\le =81$$
 , h =31 , x =0 , y =69 , v =2511

$$\le =35$$
 , h =65 , x =63 , y =0 , v =2275

$$w$$
 =18 , h =33 , x =81 , y =67 , v =594

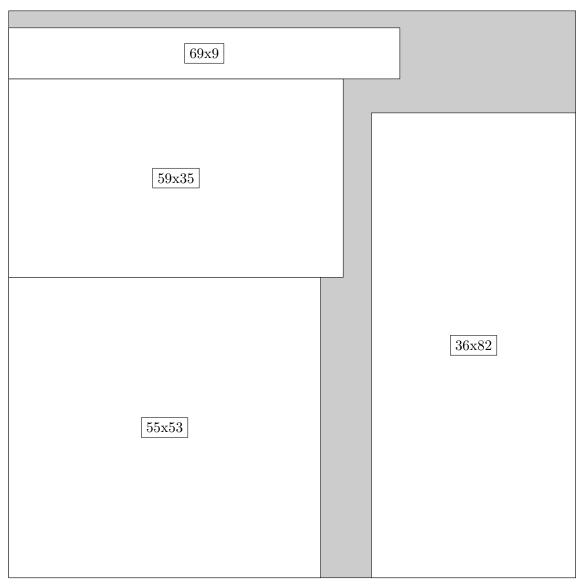


$$w = 97$$
,  $h = 32$ ,  $x = 0$ ,  $y = 68$ ,  $v = 3104$ 

$$\le =60$$
 ,  $h=\! 51$  ,  $x=\! 0$  ,  $y=\! 0$  ,  $v=\! 3060$ 

$$\le =36$$
 ,  $h=\!63$  ,  $x=\!60$  ,  $y=\!0$  ,  $v=\!2268$ 

$$\mathbf{w}$$
 =60 , h =15 , x =0 , y =51 , v =900

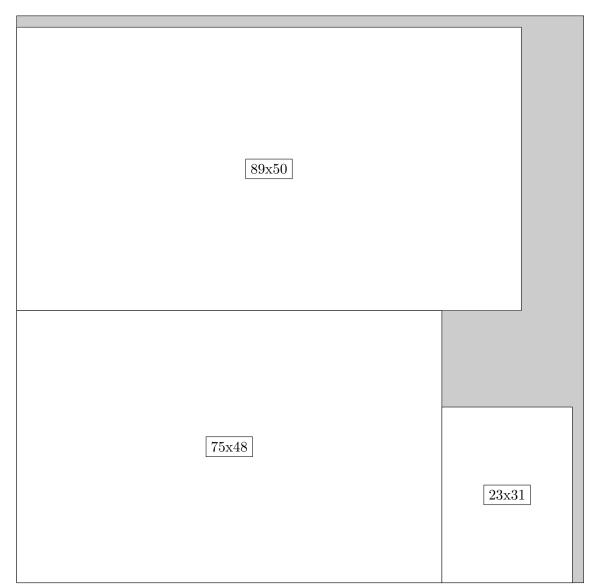


$$\le =36$$
 , h =82 , x =64 , y =0 , v =2952

$$\le =55$$
 ,  $h=53$  ,  $x=0$  ,  $y=0$  ,  $v=2915$ 

$$\le =59$$
 , h =35 , x =0 , y =53 , v =2065

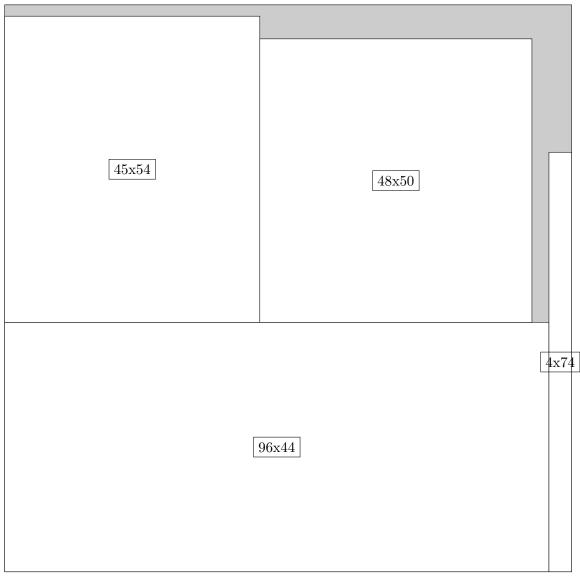
$$\mathbf{w}$$
 =69 , h =9 , x =0 , y =88 , v =621



$$\le =89$$
 ,  $h=\!50$  ,  $x=\!0$  ,  $y=\!48$  ,  $v=\!4450$ 

$$\le =75$$
 , h =48 , x =0 , y =0 , v =3600

$$\le =23$$
 , h =31 , x =75 , y =0 , v =713

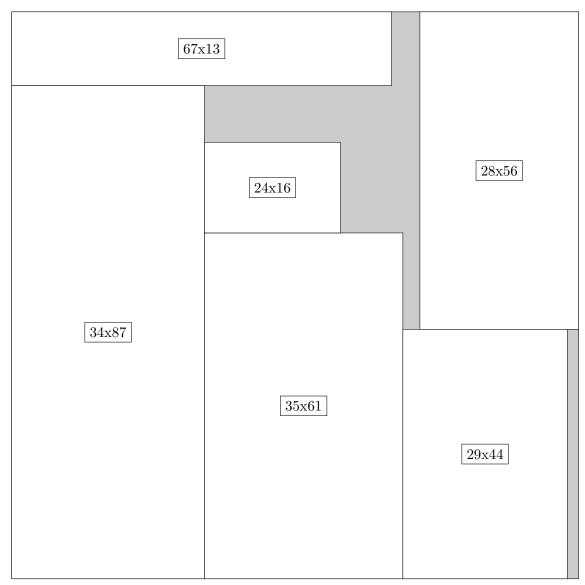


$$\le =96$$
 , h =44 , x =0 , y =0 , v =4224

$$\le =45$$
 ,  $h=54$  ,  $x=0$  ,  $y=44$  ,  $v=2430$ 

$$\le =48$$
 ,  $h=\!50$  ,  $x=\!45$  ,  $y=\!44$  ,  $v=\!2400$ 

$$\mathbf{w}$$
 =4 , h =74 , x =96 , y =0 , v =296



$$\le 34$$
 ,  $\le 87$  ,  $\ge 0$  , y =0 , v =2958

$$\le =35$$
 ,  $h=61$  ,  $x=34$  ,  $y=0$  ,  $v=2135$ 

$$\le =28$$
 , h =56 , x =72 , y =44 , v =1568

$$\le =29$$
 , h =44 , x =69 , y =0 , v =1276

$$\mathbf{w}$$
 =67 , h =13 , x =0 , y =87 , v =871

$$w=\!24$$
 ,  $h=\!16$  ,  $x=\!34$  ,  $y=\!61$  ,  $v=\!384$