$ClassName: \ Class\_10.2bp-44$ 

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

TypeNum: <u>100</u> Num: <u>100</u> OutS: <u>180000</u> InS: <u>164869</u> Rate: <u>0.916</u> UB: <u>18</u> LB0: <u>17</u>

LBWithCut:  $\underline{\mathbf{18}}$ NodeCut:  $\underline{\mathbf{0}}$ 

LB: **18** 

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

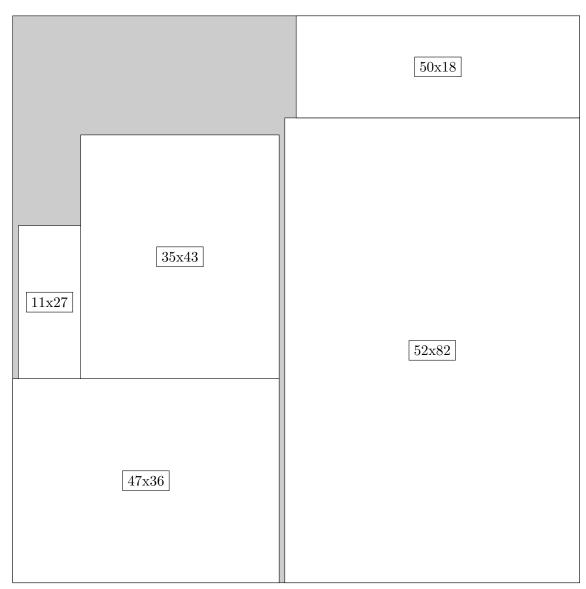
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{85}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{68}}$ PricingSolverCnt:  $\underline{\mathbf{68}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

TimeOnInitSolution:  $\underline{600.000 \text{ s}}$ 

TimeOnPrimal: <u>0.000 s</u>
TimeOnPricing: <u>2999.549 s</u>

TimeOnRmp: 0.155 sTotalTime: 3599.987 s



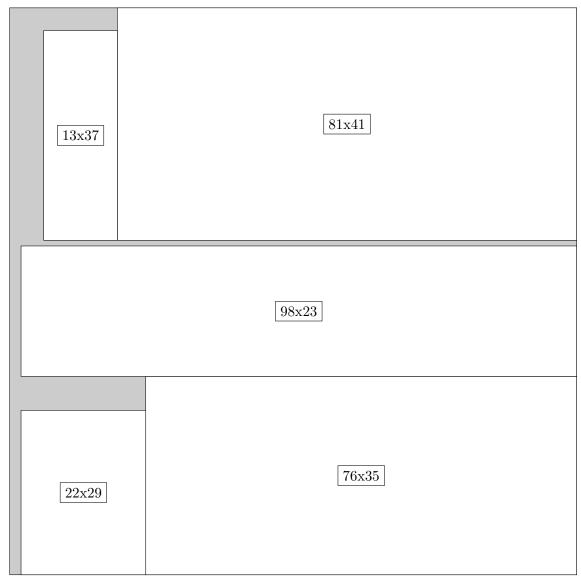
$$\le =52$$
 ,  $h=82$  ,  $x=48$  ,  $y=0$  ,  $v=4264$ 

$$\le =50$$
 , h =18 , x =50 , y =82 , v =900

$$\le =47$$
 , h =36 , x =0 , y =0 , v =1692

$$\le =35$$
 , h =43 , x =12 , y =36 , v =1505

$$w = 11$$
,  $h = 27$ ,  $x = 1$ ,  $y = 36$ ,  $v = 297$ 



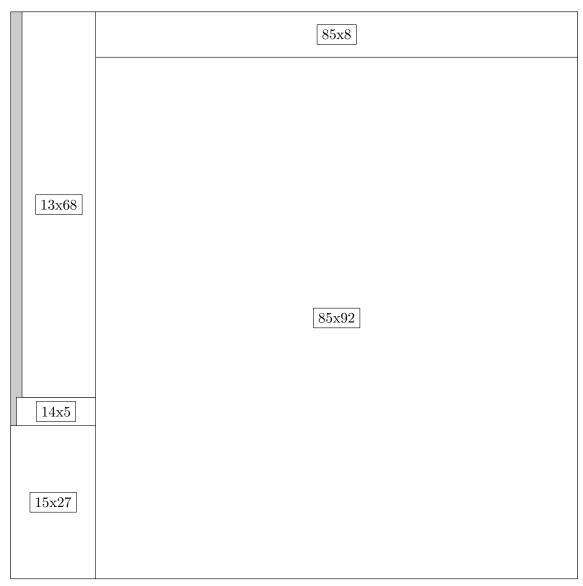
$$w$$
 =76 ,  $h$  =35 ,  $x$  =24 ,  $y$  =0 ,  $v$  =2660

$$\le =22$$
 , h =29 , x =2 , y =0 , v =638

$$\le =98$$
 , h =23 , x =2 , y =35 , v =2254

$$\le =81$$
 , h =41 , x =19 , y =59 , v =3321

$$\le =13$$
 , h =37 , x =6 , y =59 , v =481

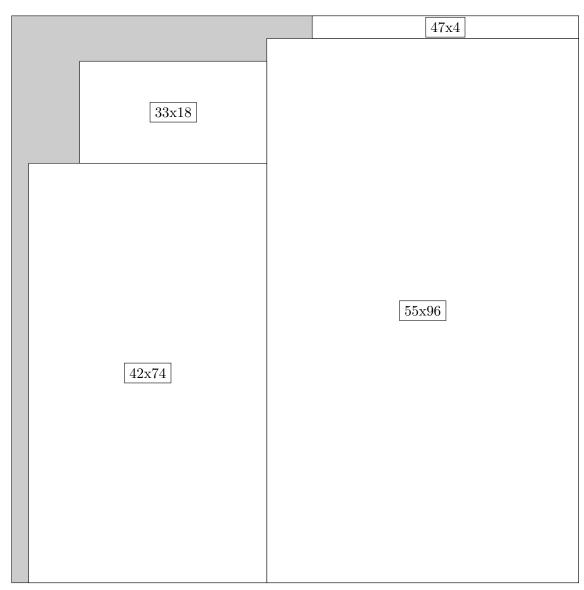


$$\begin{array}{l} w = \!\!85 \ , \ h = \!\!92 \ , \ x = \!\!15 \ , \ y = \!\!0 \ , \ v = \!\!7820 \\ w = \!\!85 \ , \ h = \!\!8 \ , \ x = \!\!15 \ , \ y = \!\!92 \ , \ v = \!\!680 \end{array}$$

$$w = 15$$
,  $h = 27$ ,  $x = 0$ ,  $y = 0$ ,  $v = 405$ 

$$W = 15$$
,  $h = 27$ ,  $x = 0$ ,  $y = 0$ ,  $v = 405$ 

$$\begin{array}{l} w = \! 14 \ , \ h = \! 5 \ , \ x = \! 1 \ , \ y = \! 27 \ , \ v = \! 70 \\ w = \! 13 \ , \ h = \! 68 \ , \ x = \! 2 \ , \ y = \! 32 \ , \ v = \! 884 \end{array}$$

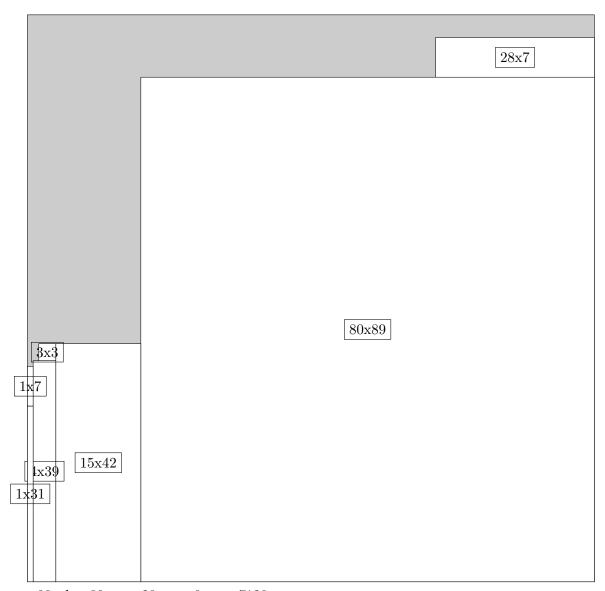


$$w = 55$$
,  $h = 96$ ,  $x = 45$ ,  $y = 0$ ,  $v = 5280$ 

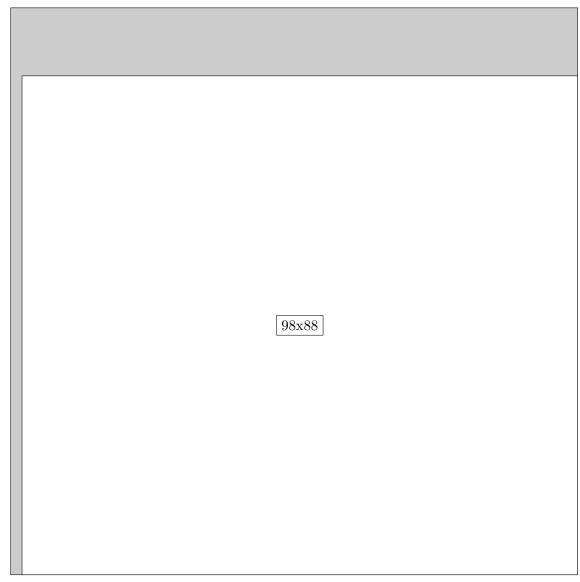
$$\le =42$$
 ,  $h$  =74 ,  $x$  =3 ,  $y$  =0 ,  $v$  =3108

$$\le =33$$
 , h =18 , x =12 , y =74 , v =594

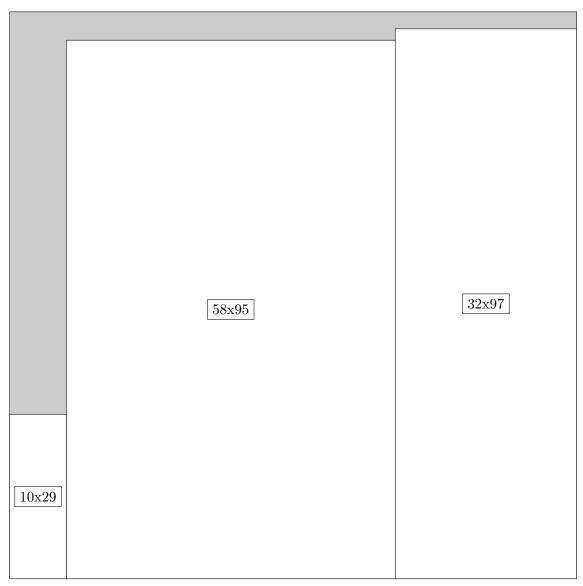
$$\mathbf{w}$$
 =47 , h =4 , x =53 , y =96 , v =188



$$\begin{array}{l} w=80\;,\; h=89\;,\; x=20\;,\; y=0\;,\; v=7120\\ w=28\;,\; h=7\;,\; x=72\;,\; y=89\;,\; v=196\\ w=15\;,\; h=42\;,\; x=5\;,\; y=0\;,\; v=630\\ w=4\;,\; h=39\;,\; x=1\;,\; y=0\;,\; v=156\\ w=3\;,\; h=3\;,\; x=2\;,\; y=39\;,\; v=9\\ w=1\;,\; h=31\;,\; x=0\;,\; y=0\;,\; v=31\\ w=1\;,\; h=7\;,\; x=0\;,\; y=31\;,\; v=7 \end{array}$$



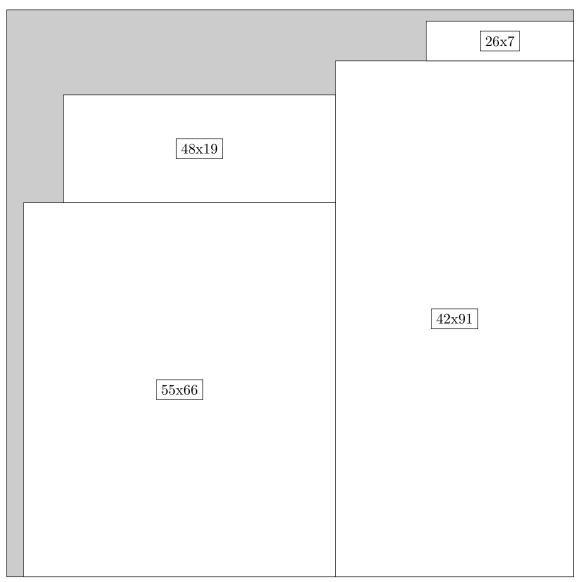
 $\le =98$  , h =88 , x =2 , y =0 , v =8624



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

$$\le =58$$
 , h =95 , x =10 , y =0 , v =5510

$$\le =10$$
 , h =29 , x =0 , y =0 , v =290

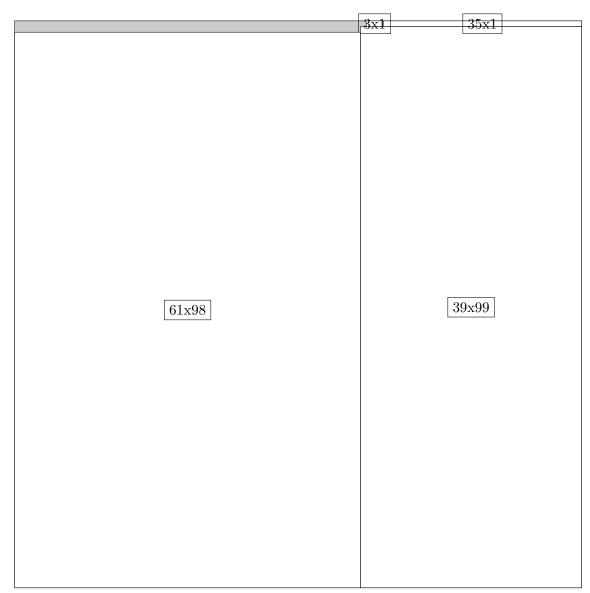


$$w = 42$$
,  $h = 91$ ,  $x = 58$ ,  $y = 0$ ,  $v = 3822$ 

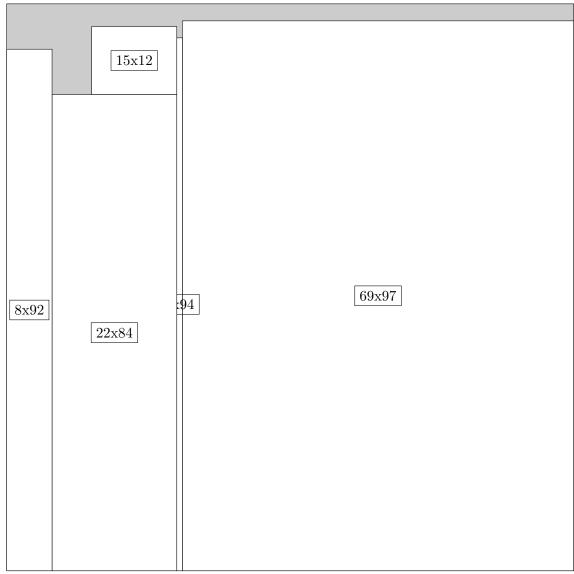
$$\mathbf{w}$$
 =26 , h =7 , x =74 , y =91 , v =182

$$\le =55$$
 , h =66 , x =3 , y =0 , v =3630

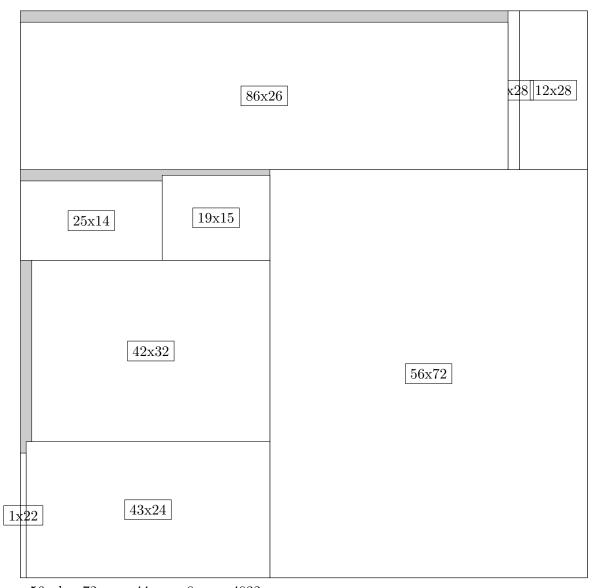
$$\le =48$$
 ,  $h=19$  ,  $x=10$  ,  $y=66$  ,  $v=912$ 



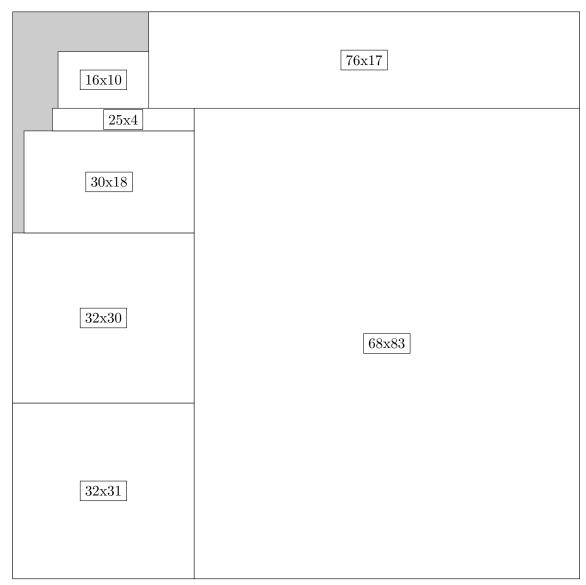
 $\begin{array}{l} w = 39 \ , \ h = 99 \ , \ x = 61 \ , \ y = 0 \ , \ v = 3861 \\ w = 35 \ , \ h = 1 \ , \ x = 65 \ , \ y = 99 \ , \ v = 35 \\ w = 3 \ , \ h = 1 \ , \ x = 62 \ , \ y = 99 \ , \ v = 3 \\ w = 61 \ , \ h = 98 \ , \ x = 0 \ , \ y = 0 \ , \ v = 5978 \end{array}$ 



 $\begin{array}{l} w=69 \ , \ h=97 \ , \ x=31 \ , \ y=0 \ , \ v=6693 \\ w=1 \ , \ h=94 \ , \ x=30 \ , \ y=0 \ , \ v=94 \\ w=22 \ , \ h=84 \ , \ x=8 \ , \ y=0 \ , \ v=1848 \\ w=15 \ , \ h=12 \ , \ x=15 \ , \ y=84 \ , \ v=180 \\ w=8 \ , \ h=92 \ , \ x=0 \ , \ y=0 \ , \ v=736 \end{array}$ 



 $\begin{array}{l} w=\!56 \;,\; h=\!72 \;,\; x=\!44 \;,\; y=\!0 \;,\; v=\!4032 \\ w=\!43 \;,\; h=\!24 \;,\; x=\!1 \;,\; y=\!0 \;,\; v=\!1032 \\ w=\!1 \;,\; h=\!22 \;,\; x=\!0 \;,\; y=\!0 \;,\; v=\!22 \\ w=\!42 \;,\; h=\!32 \;,\; x=\!2 \;,\; y=\!24 \;,\; v=\!1344 \\ w=\!19 \;,\; h=\!15 \;,\; x=\!25 \;,\; y=\!56 \;,\; v=\!285 \\ w=\!25 \;,\; h=\!14 \;,\; x=\!0 \;,\; y=\!56 \;,\; v=\!350 \\ w=\!12 \;,\; h=\!28 \;,\; x=\!88 \;,\; y=\!72 \;,\; v=\!336 \\ w=\!2 \;,\; h=\!28 \;,\; x=\!86 \;,\; y=\!72 \;,\; v=\!56 \\ w=\!86 \;,\; h=\!26 \;,\; x=\!0 \;,\; y=\!72 \;,\; v=\!2236 \end{array}$ 



$$w = 68$$
,  $h = 83$ ,  $x = 32$ ,  $y = 0$ ,  $v = 5644$ 

$$\mathbf{w}=\!32$$
 ,  $\mathbf{h}=\!31$  ,  $\mathbf{x}=\!0$  ,  $\mathbf{y}=\!0$  ,  $\mathbf{v}=\!992$ 

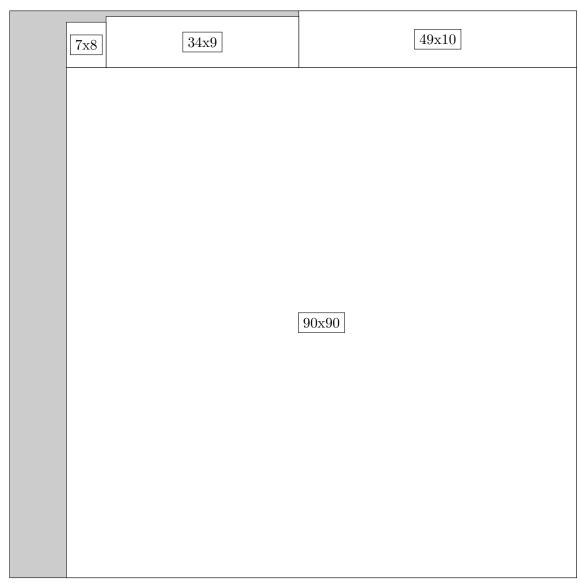
$$\le =32$$
 , h =30 , x =0 , y =31 , v =960

$$\le =30$$
 ,  $h$  =18 ,  $x$  =2 ,  $y$  =61 ,  $v$  =540

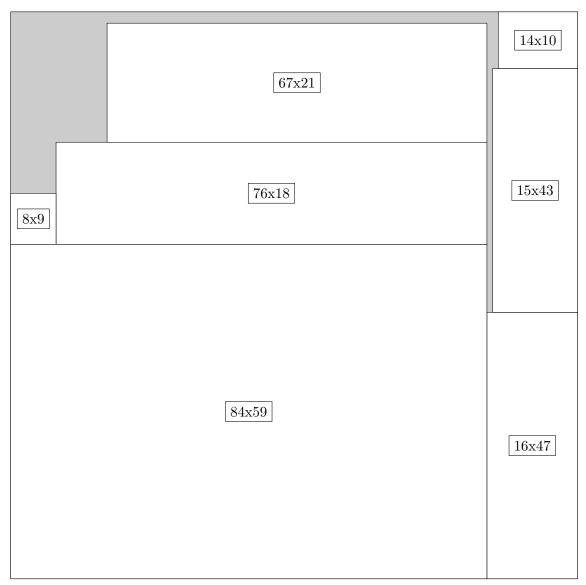
$$\le =25$$
 , h =4 , x =7 , y =79 , v =100

$$\le =76$$
 ,  $h=17$  ,  $x=24$  ,  $y=83$  ,  $v=1292$ 

$$\le =16$$
 ,  $h=10$  ,  $x=8$  ,  $y=83$  ,  $v=160$ 



$$\begin{array}{l} w = \! 90 \ , \ h = \! 90 \ , \ x = \! 10 \ , \ y = \! 0 \ , \ v = \! 8100 \\ w = \! 49 \ , \ h = \! 10 \ , \ x = \! 51 \ , \ y = \! 90 \ , \ v = \! 490 \\ w = \! 34 \ , \ h = \! 9 \ , \ x = \! 17 \ , \ y = \! 90 \ , \ v = \! 306 \\ w = \! 7 \ , \ h = \! 8 \ , \ x = \! 10 \ , \ y = \! 90 \ , \ v = \! 56 \end{array}$$



$$\le =16$$
 ,  $h=47$  ,  $x=84$  ,  $y=0$  ,  $v=752$ 

$$w=\!15$$
 ,  $h=\!43$  ,  $x=\!85$  ,  $y=\!47$  ,  $v=\!645$ 

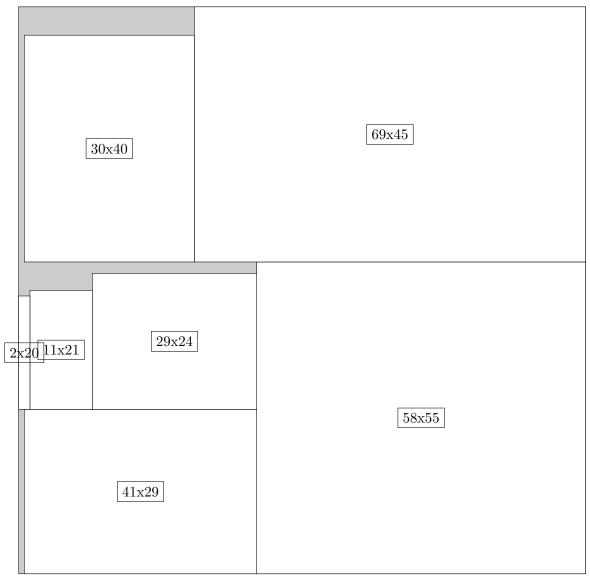
$$\le =14$$
 ,  $h$  =10 ,  $x$  =86 ,  $y$  =90 ,  $v$  =140

$$\le =84$$
 ,  $h=59$  ,  $x=0$  ,  $y=0$  ,  $v=4956$ 

$$\le -76$$
 , h =  
18 , x =  
8 , y =  
59 , v =  
1368

$$w=8$$
 ,  $h=9$  ,  $x=0$  ,  $y=\!59$  ,  $v=\!72$ 

$$w$$
 =67 ,  $h$  =21 ,  $x$  =17 ,  $y$  =77 ,  $v$  =1407



$$w = 58$$
,  $h = 55$ ,  $x = 42$ ,  $y = 0$ ,  $v = 3190$ 

$$w = 41$$
,  $h = 29$ ,  $x = 1$ ,  $y = 0$ ,  $v = 1189$ 

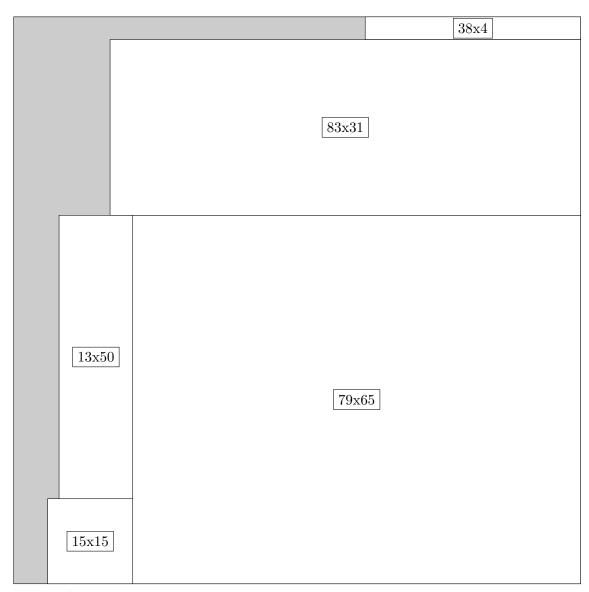
$$\le =29$$
 , h =24 , x =13 , y =29 , v =696

$$\le =11$$
 , h =21 , x =2 , y =29 , v =231

$$\mathbf{w}$$
 =2 , h =20 , x =0 , y =29 , v =40

$$w$$
 =69 , h =45 , x =31 , y =55 , v =3105

$$\le =30$$
 , h =40 , x =1 , y =55 , v =1200



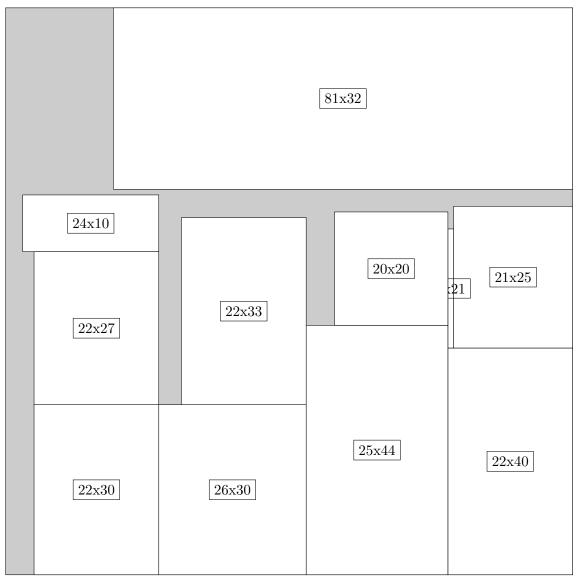
$$\le =79$$
 , h =65 , x =21 , y =0 , v =5135

$$\le =15$$
 ,  $h$  =15 ,  $x$  =6 ,  $y$  =0 ,  $v$  =225

$$\le =13$$
 ,  $h=50$  ,  $x=8$  ,  $y=15$  ,  $v=650$ 

$$\le =83$$
 , h =31 , x =17 , y =65 , v =2573

$$\le =38$$
 , h =4 , x =62 , y =96 , v =152



$$w = 22$$
,  $h = 40$ ,  $x = 78$ ,  $y = 0$ ,  $v = 880$ 

$$w$$
 =21 ,  $h$  =25 ,  $x$  =79 ,  $y$  =40 ,  $v$  =525

$$w$$
 =1 , h =21 , x =78 , y =40 , v =21

$$w = 25$$
,  $h = 44$ ,  $x = 53$ ,  $y = 0$ ,  $v = 1100$ 

$$w = 20$$
,  $h = 20$ ,  $x = 58$ ,  $y = 44$ ,  $v = 400$ 

$$\mathbf{w}$$
 =26 , h =30 , x =27 , y =0 , v =780

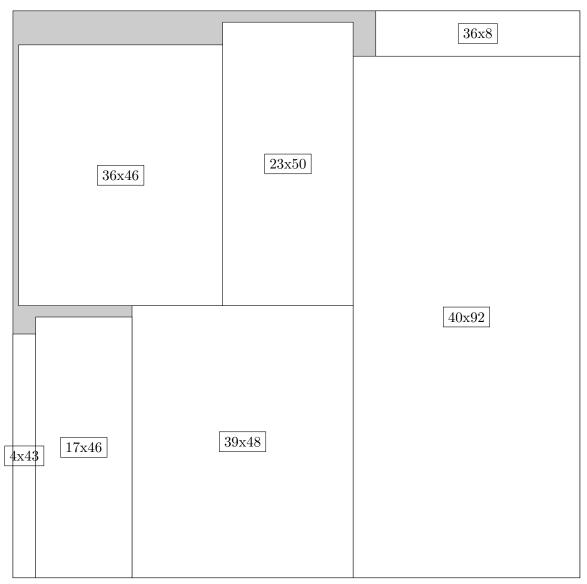
$$w = 22$$
,  $h = 33$ ,  $x = 31$ ,  $y = 30$ ,  $v = 726$ 

$$w = 22$$
,  $h = 30$ ,  $x = 5$ ,  $y = 0$ ,  $v = 660$ 

$$w = 22$$
,  $h = 27$ ,  $x = 5$ ,  $y = 30$ ,  $v = 594$ 

$$w = 24$$
,  $h = 10$ ,  $x = 3$ ,  $y = 57$ ,  $v = 240$ 

$$w = 81$$
,  $h = 32$ ,  $x = 19$ ,  $y = 68$ ,  $v = 2592$ 



w = 40, h = 92, x = 60, y = 0, v = 3680

 $\le =36$  , h =8 , x =64 , y =92 , v =288

 $\le =39$  , h =48 , x =21 , y =0 , v =1872

 $\le =17$  , h =46 , x =4 , y =0 , v =782

 $\mathbf{w}$  =4 , h =43 , x =0 , y =0 , v =172

 $\le =23$  ,  $h=\!50$  ,  $x=\!37$  ,  $y=\!48$  ,  $v=\!1150$ 

 $\le =36$  , h =46 , x =1 , y =48 , v =1656