$ClassName: \ Class\_10.2bp\text{-}43$ 

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

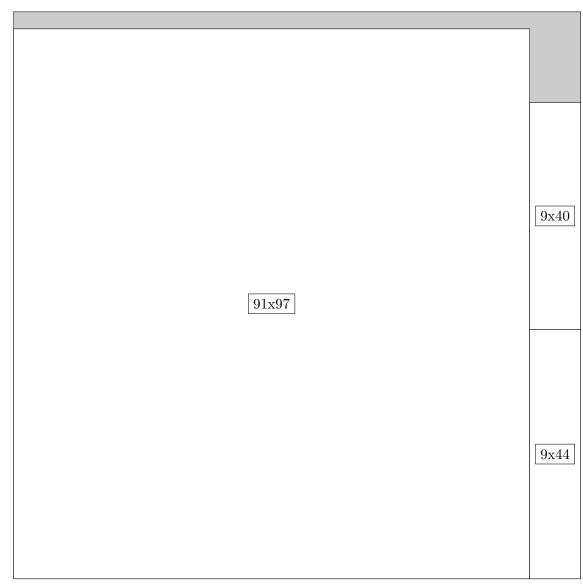
TypeNum: 99
Num: 100
OutS: 180000
InS: 161944
Rate: 0.900
UB: 18
LB0: 17
LB: 18

LBWithCut:  $\underline{\mathbf{18}}$  NodeCut:  $\underline{\mathbf{0}}$  PrimalNode:  $\underline{\mathbf{0}}$  ColumnCount:  $\underline{\mathbf{78}}$  TotalCutCount:  $\underline{\mathbf{0}}$  RootCutCount:  $\underline{\mathbf{0}}$  LPSolverCnt:  $\underline{\mathbf{60}}$  PricingSolverCnt:  $\underline{\mathbf{60}}$  BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

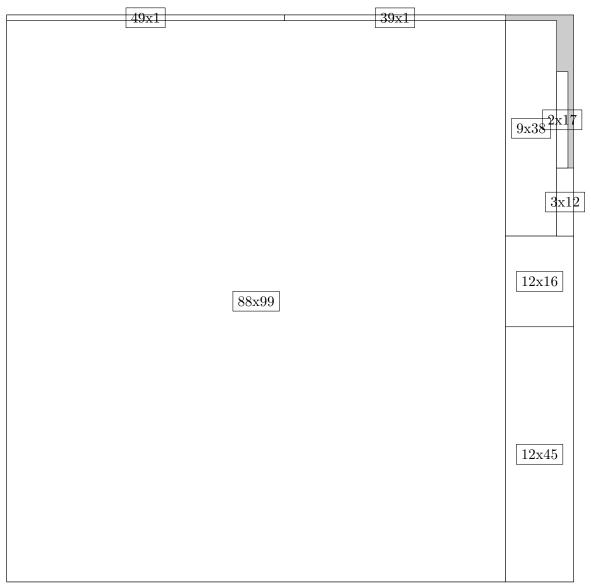
isOpt: false

TimeOnPrimal:  $\underline{0.000 \text{ s}}$ TimeOnPricing:  $\underline{3601.382 \text{ s}}$ 

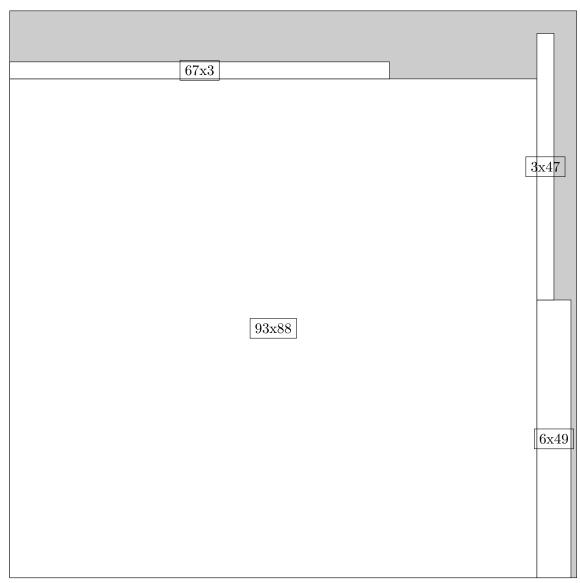
 $\begin{array}{ll} {\rm TimeOnRmp:} \ \underline{0.063 \ s} \\ {\rm TotalTime:} \ \ \underline{3601.493 \ s} \end{array}$ 



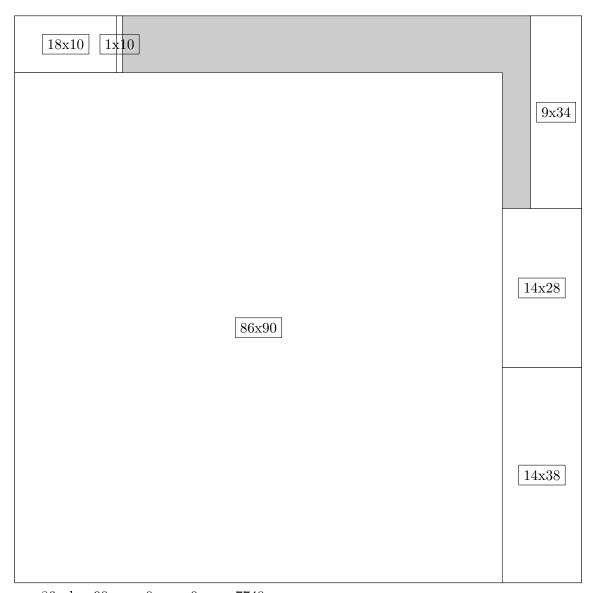
$$\begin{array}{l} w = \! 91 \; , \; h = \! 97 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 8827 \\ w = \! 9 \; , \; h = \! 44 \; , \; x = \! 91 \; , \; y = \! 0 \; , \; v = \! 396 \\ w = \! 9 \; , \; h = \! 40 \; , \; x = \! 91 \; , \; y = \! 44 \; , \; v = \! 360 \end{array}$$



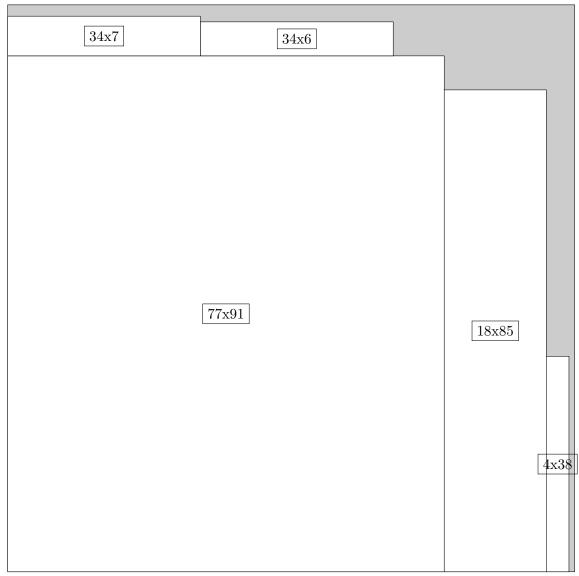
```
\begin{array}{l} w = & 88 \;,\; h = & 99 \;,\; x = & 0 \;,\; y = & 0 \;,\; v = & 8712 \\ w = & 12 \;,\; h = & 45 \;,\; x = & 88 \;,\; y = & 0 \;,\; v = & 540 \\ w = & 9 \;,\; h = & 38 \;,\; x = & 88 \;,\; y = & 61 \;,\; v = & 342 \\ w = & 12 \;,\; h = & 16 \;,\; x = & 88 \;,\; y = & 45 \;,\; v = & 192 \\ w = & 49 \;,\; h = & 1 \;,\; x = & 0 \;,\; y = & 99 \;,\; v = & 49 \\ w = & 39 \;,\; h = & 1 \;,\; x = & 49 \;,\; y = & 99 \;,\; v = & 39 \\ w = & 3 \;,\; h = & 12 \;,\; x = & 97 \;,\; y = & 61 \;,\; v = & 36 \\ w = & 2 \;,\; h = & 17 \;,\; x = & 97 \;,\; y = & 73 \;,\; v = & 34 \\ \end{array}
```



 $\begin{array}{l} w = 93 \ , \ h = 88 \ , \ x = 0 \ , \ y = 0 \ , \ v = 8184 \\ w = 6 \ , \ h = 49 \ , \ x = 93 \ , \ y = 0 \ , \ v = 294 \\ w = 67 \ , \ h = 3 \ , \ x = 0 \ , \ y = 88 \ , \ v = 201 \\ w = 3 \ , \ h = 47 \ , \ x = 93 \ , \ y = 49 \ , \ v = 141 \end{array}$ 



$$\begin{array}{l} w = \! 86 \;, \; h = \! 90 \;, \; x = \! 0 \;, \; y = \! 0 \;, \; v = \! 7740 \\ w = \! 14 \;, \; h = \! 38 \;, \; x = \! 86 \;, \; y = \! 0 \;, \; v = \! 532 \\ w = \! 14 \;, \; h = \! 28 \;, \; x = \! 86 \;, \; y = \! 38 \;, \; v = \! 392 \\ w = \! 9 \;, \; h = \! 34 \;, \; x = \! 91 \;, \; y = \! 66 \;, \; v = \! 306 \\ w = \! 18 \;, \; h = \! 10 \;, \; x = \! 0 \;, \; y = \! 90 \;, \; v = \! 180 \\ w = \! 1 \;, \; h = \! 10 \;, \; x = \! 18 \;, \; y = \! 90 \;, \; v = \! 10 \end{array}$$



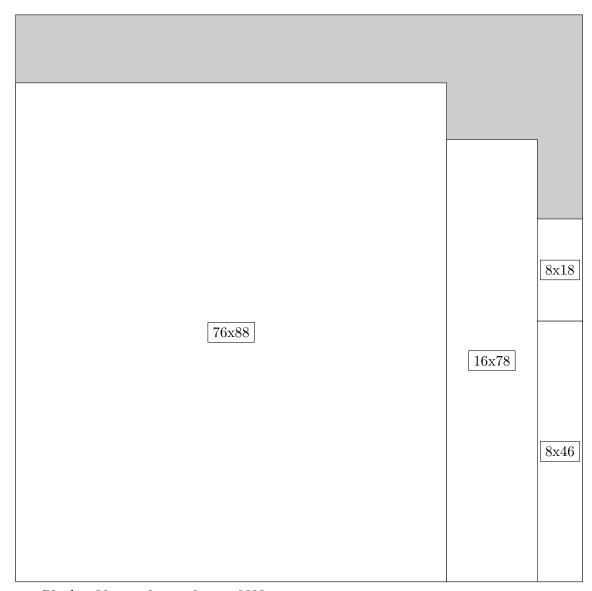
$$\mathbf{w}$$
 =77 , h =91 , x =0 , y =0 , v =7007

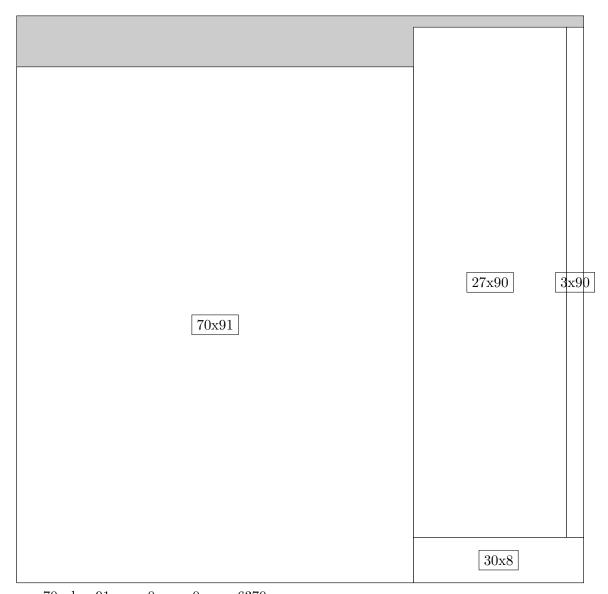
$$\le =18$$
 ,  $h$  =85 ,  $x$  =77 ,  $y$  =0 ,  $v$  =1530

$$\le =34$$
 , h =7 , x =0 , y =91 , v =238

$$\le =34$$
 , h =6 , x =34 , y =91 , v =204

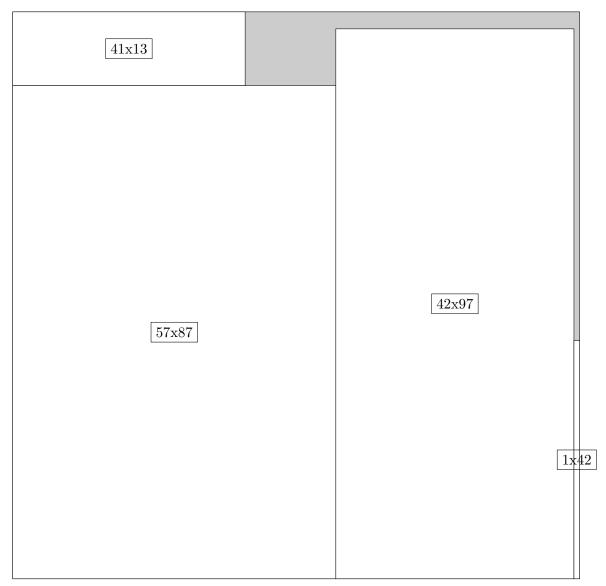
$$\mathbf{w}=\!\!4$$
 ,  $\mathbf{h}=\!\!38$  ,  $\mathbf{x}=\!\!95$  ,  $\mathbf{y}=\!\!0$  ,  $\mathbf{v}=\!\!152$ 





$$\begin{array}{l} w = \! 70 \ , \ h = \! 91 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6370 \\ w = \! 27 \ , \ h = \! 90 \ , \ x = \! 70 \ , \ y = \! 8 \ , \ v = \! 2430 \\ w = \! 3 \ , \ h = \! 90 \ , \ x = \! 97 \ , \ y = \! 8 \ , \ v = \! 270 \end{array}$$

 $\mathbf{w}$  =30 , h =8 , x =70 , y =0 , v =240

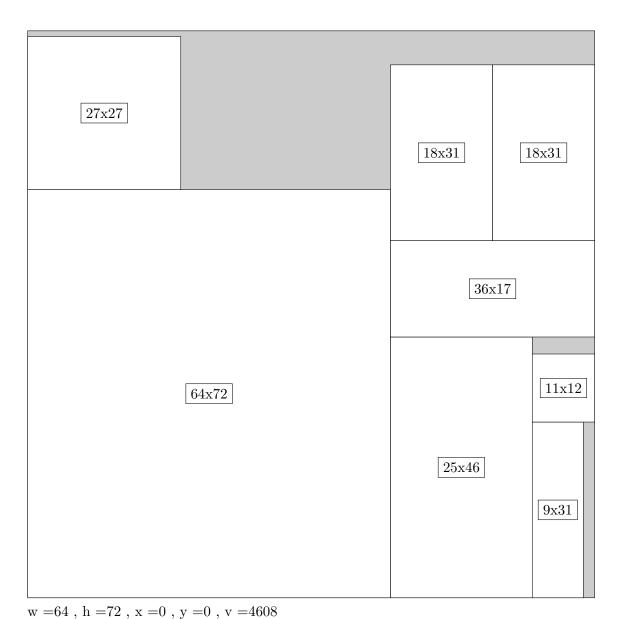


$$w = 57$$
,  $h = 87$ ,  $x = 0$ ,  $y = 0$ ,  $v = 4959$ 

$$w = 42$$
,  $h = 97$ ,  $x = 57$ ,  $y = 0$ ,  $v = 4074$ 

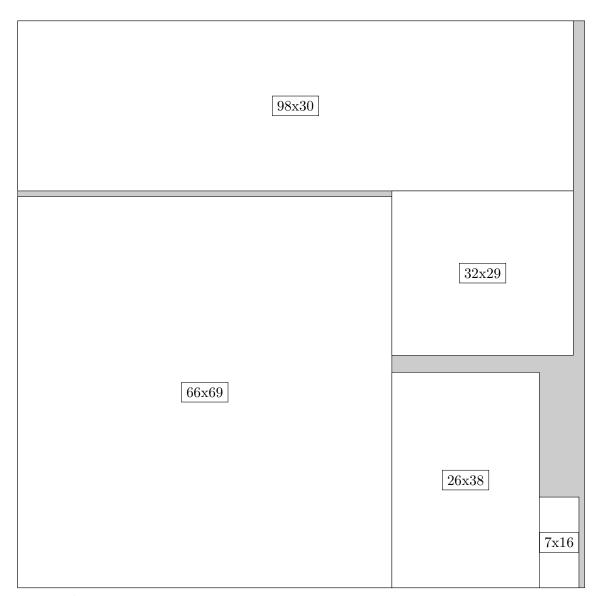
$$\le =41$$
 , h =13 , x =0 , y =87 , v =533

$$\mathbf{w}$$
 =1 , h =42 , x =99 , y =0 , v =42



$$\begin{array}{l} w=25 \ , \ h=46 \ , \ x=64 \ , \ y=0 \ , \ v=1150 \\ w=27 \ , \ h=27 \ , \ x=0 \ , \ y=72 \ , \ v=729 \\ w=36 \ , \ h=17 \ , \ x=64 \ , \ y=46 \ , \ v=612 \\ w=18 \ , \ h=31 \ , \ x=64 \ , \ y=63 \ , \ v=558 \\ w=18 \ , \ h=31 \ , \ x=82 \ , \ y=63 \ , \ v=558 \end{array}$$

 $\begin{array}{l} w = 9 \ , \ h = \! 31 \ , \ x = \! 89 \ , \ y = \! 0 \ , \ v = \! 279 \\ w = \! 11 \ , \ h = \! 12 \ , \ x = \! 89 \ , \ y = \! 31 \ , \ v = \! 132 \end{array}$ 



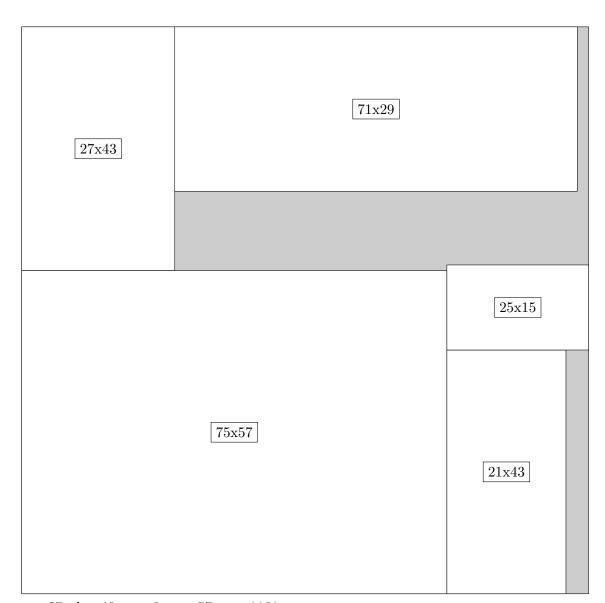
$$\le =66$$
 , h =69 , x =0 , y =0 , v =4554

$$\le =98$$
 , h =30 , x =0 , y =70 , v =2940

$$\le =26$$
 , h =38 , x =66 , y =0 , v =988

$$\le =32$$
 , h =29 , x =66 , y =41 , v =928

$$\le =7$$
 , h =16 , x =92 , y =0 , v =112



$$\le =27$$
 , h =43 , x =0 , y =57 , v =1161

$$\le -75$$
 , h =57 , x =0 , y =0 , v =4275

$$w$$
 =71 , h =29 , x =27 , y =71 , v =2059

$$\le =21$$
 , h =43 , x =75 , y =0 , v =903

$$\le =25$$
 , h =15 , x =75 , y =43 , v =375

|       | 28x20 |
|-------|-------|
| 72x44 | 28x27 |
| 76x51 | 22x46 |

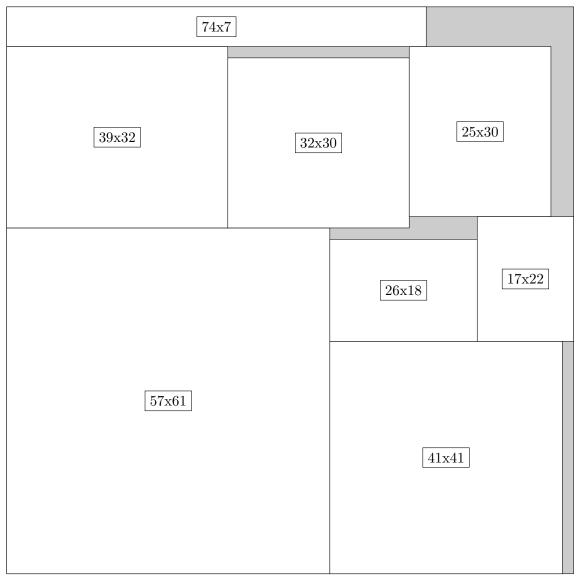
$$\le =76$$
 , h =51 , x =0 , y =0 , v =3876

$$\le =72$$
 , h =44 , x =0 , y =51 , v =3168

$$\le =28$$
 , h =27 , x =72 , y =51 , v =756

$$\le =22$$
 , h =46 , x =76 , y =0 , v =1012

$$\le =28$$
 , h =20 , x =72 , y =78 , v =560



$$w=\!57$$
 ,  $h=\!61$  ,  $x=\!0$  ,  $y=\!0$  ,  $v=\!3477$ 

$$w = 41$$
,  $h = 41$ ,  $x = 57$ ,  $y = 0$ ,  $v = 1681$ 

$$\le =39$$
 , h =32 , x =0 , y =61 , v =1248

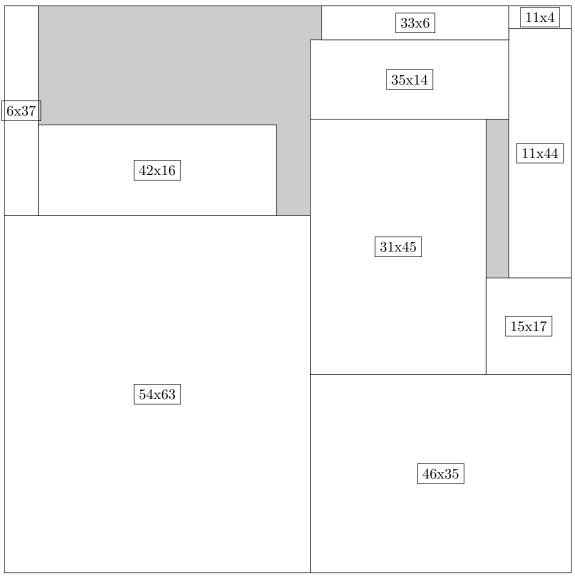
$$w = 32$$
,  $h = 30$ ,  $x = 39$ ,  $y = 61$ ,  $v = 960$ 

$$\le =25$$
 , h =30 , x =71 , y =63 , v =750

$$w$$
 =26 ,  $h$  =18 ,  $x$  =57 ,  $y$  =41 ,  $v$  =468

$$w=\!17$$
 ,  $h=\!22$  ,  $x=\!83$  ,  $y=\!41$  ,  $v=\!374$ 

$$w$$
 =74 ,  $h$  =7 ,  $x$  =0 ,  $y$  =93 ,  $v$  =518



$$w = 54$$
,  $h = 63$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3402$ 

$$w=\!46$$
 ,  $h=\!35$  ,  $x=\!54$  ,  $y=\!0$  ,  $v=\!1610$ 

$$w=\!31$$
 ,  $h=\!45$  ,  $x=\!54$  ,  $y=\!35$  ,  $v=\!1395$ 

$$w = 42$$
,  $h = 16$ ,  $x = 6$ ,  $y = 63$ ,  $v = 672$ 

$$\le =35$$
 ,  $h=14$  ,  $x=54$  ,  $y=80$  ,  $v=490$ 

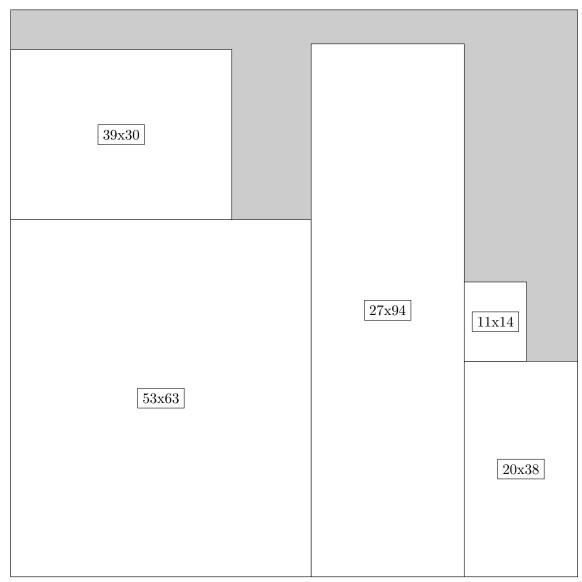
$$w$$
 =11 , h =44 , x =89 , y =52 , v =484

$$w = 15$$
,  $h = 17$ ,  $x = 85$ ,  $y = 35$ ,  $v = 255$ 

$$w = 6$$
,  $h = 37$ ,  $x = 0$ ,  $y = 63$ ,  $v = 222$ 

$$w = 33$$
,  $h = 6$ ,  $x = 56$ ,  $y = 94$ ,  $v = 198$ 

$$w = 11$$
,  $h = 4$ ,  $x = 89$ ,  $y = 96$ ,  $v = 44$ 



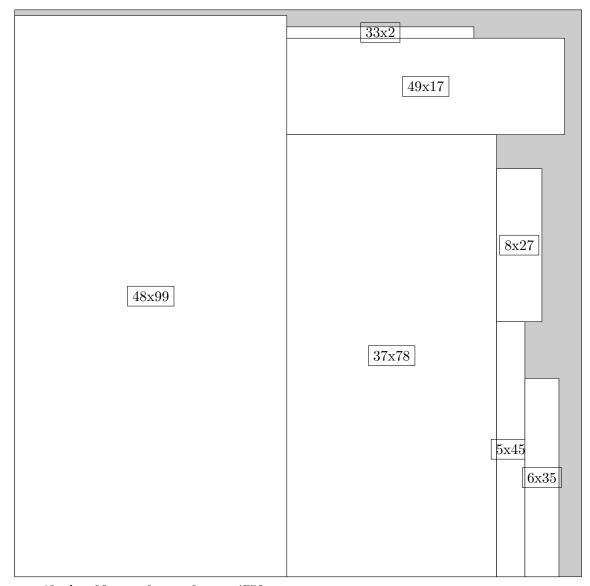
$$w = 53$$
,  $h = 63$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3339$ 

$$\le =27$$
 , h =94 , x =53 , y =0 , v =2538

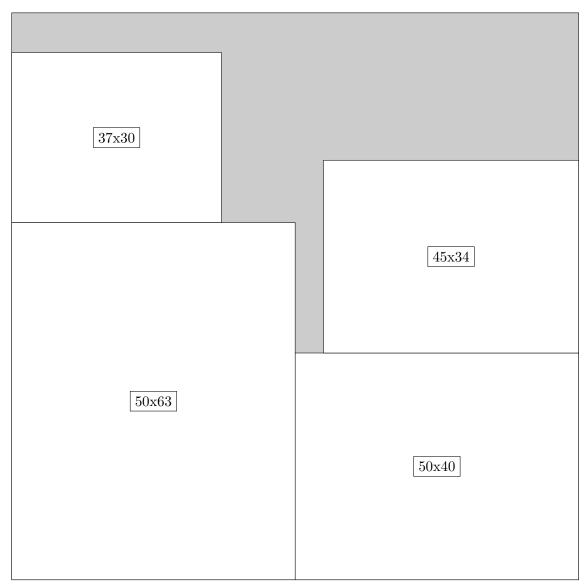
$$\le =39$$
 , h =30 , x =0 , y =63 , v =1170

$$\le =20$$
 , h =38 , x =80 , y =0 , v =760

$$w$$
 =11 , h =14 , x =80 , y =38 , v =154



$$\begin{array}{l} w = 48 \; , \; h = 99 \; , \; x = 0 \; , \; y = 0 \; , \; v = 4752 \\ w = 37 \; , \; h = 78 \; , \; x = 48 \; , \; y = 0 \; , \; v = 2886 \\ w = 49 \; , \; h = 17 \; , \; x = 48 \; , \; y = 78 \; , \; v = 833 \\ w = 5 \; , \; h = 45 \; , \; x = 85 \; , \; y = 0 \; , \; v = 225 \\ w = 8 \; , \; h = 27 \; , \; x = 85 \; , \; y = 45 \; , \; v = 216 \\ w = 6 \; , \; h = 35 \; , \; x = 90 \; , \; y = 0 \; , \; v = 210 \\ w = 33 \; , \; h = 2 \; , \; x = 48 \; , \; y = 95 \; , \; v = 66 \end{array}$$

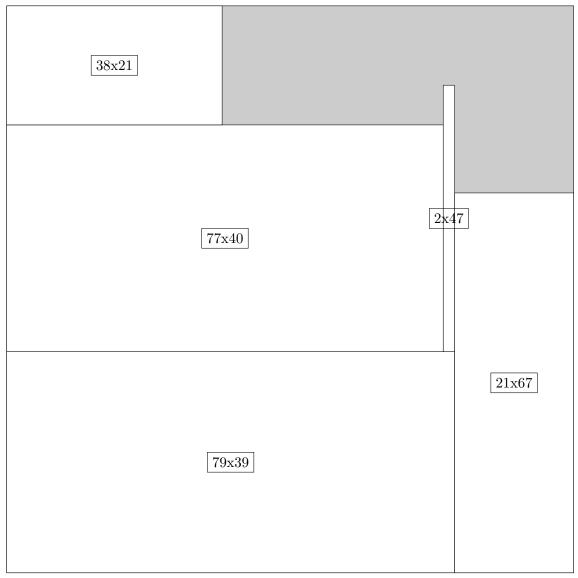


$$w = 50 , h = 40 , x = 50 , y = 0 , v = 2000$$

$$\le =45$$
 ,  $h=34$  ,  $x=55$  ,  $y=40$  ,  $v=1530$ 

$$\le =37$$
 , h =30 , x =0 , y =63 , v =1110

$$\le =50$$
 ,  $h=63$  ,  $x=0$  ,  $y=0$  ,  $v=3150$ 



$$w = 79$$
,  $h = 39$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3081$ 

$$w = 77$$
,  $h = 40$ ,  $x = 0$ ,  $y = 39$ ,  $v = 3080$ 

$$\le =21$$
 ,  $h$  =67 ,  $x$  =79 ,  $y$  =0 ,  $v$  =1407

$$\le 38$$
 , h =21 , x =0 , y =79 , v =798

$$w$$
 =2 , h =47 , x =77 , y =39 , v =94