$ClassName: \ Class_10.2bp-43$

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: $\underline{\mathbf{0}}$

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

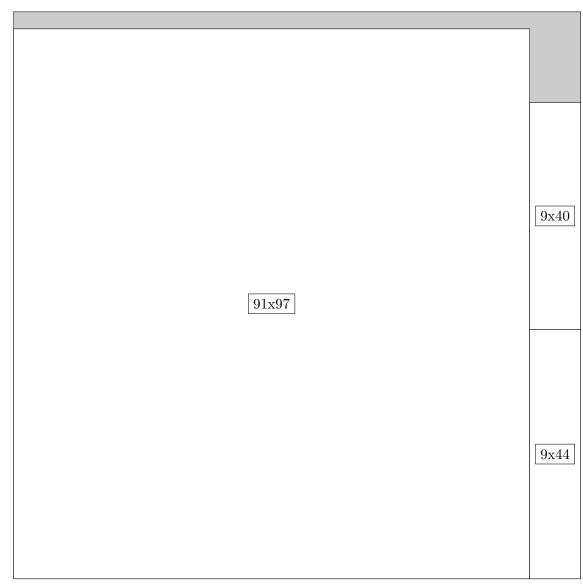
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{78}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{60}}$ PricingSolverCnt: $\underline{\mathbf{60}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

isOpt: false

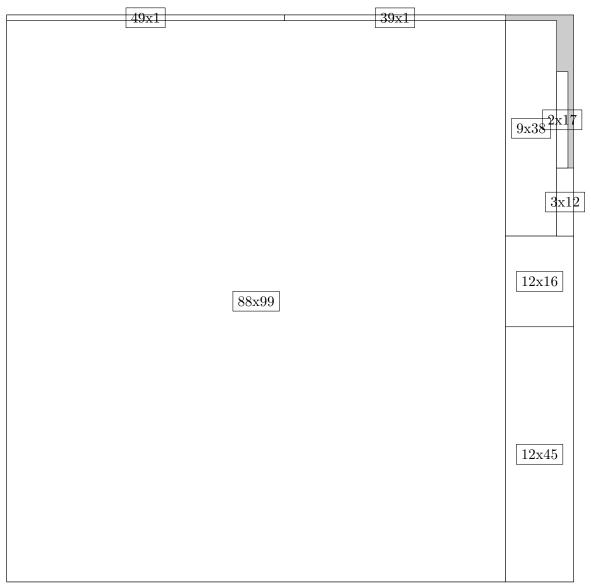
TimeOnInitSolution: $\underline{120.010 \text{ s}}$

TimeOnPrimal: 0.000 sTimeOnPricing: 3600.336 s

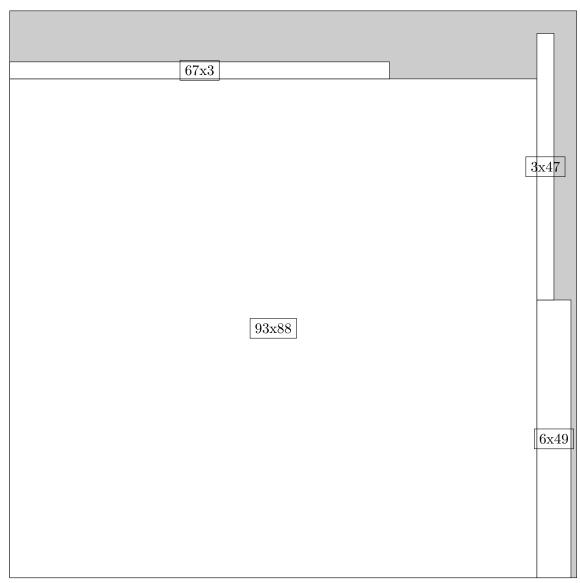
TimeOnRmp: $\underline{0.133 \text{ s}}$ TotalTime: 3720.553 s



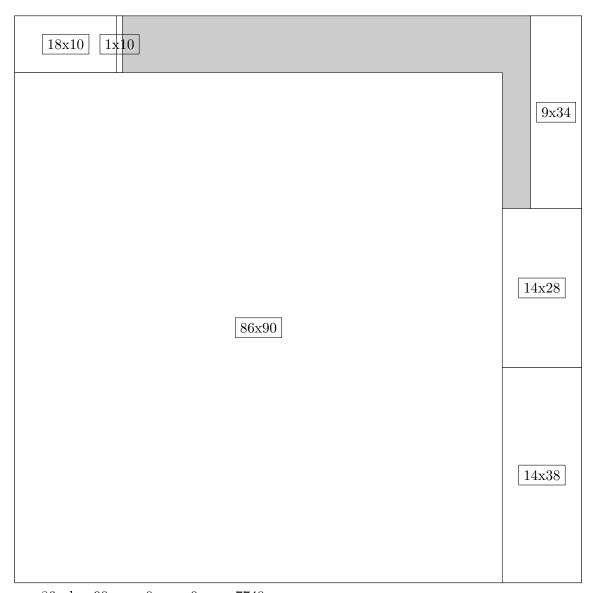
$$\begin{array}{l} w = \! 91 \; , \; h = \! 97 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 8827 \\ w = \! 9 \; , \; h = \! 44 \; , \; x = \! 91 \; , \; y = \! 0 \; , \; v = \! 396 \\ w = \! 9 \; , \; h = \! 40 \; , \; x = \! 91 \; , \; y = \! 44 \; , \; v = \! 360 \end{array}$$



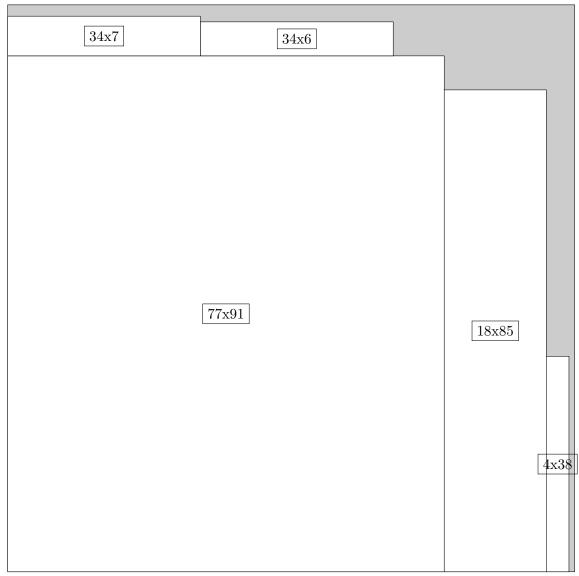
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\begin{array}{l} w = & 88 \;,\; h = & 99 \;,\; x = & 0 \;,\; y = & 0 \;,\; v = & 8712 \\ w = & 12 \;,\; h = & 45 \;,\; x = & 88 \;,\; y = & 0 \;,\; v = & 540 \\ w = & 9 \;,\; h = & 38 \;,\; x = & 88 \;,\; y = & 61 \;,\; v = & 342 \\ w = & 12 \;,\; 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}
```



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



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



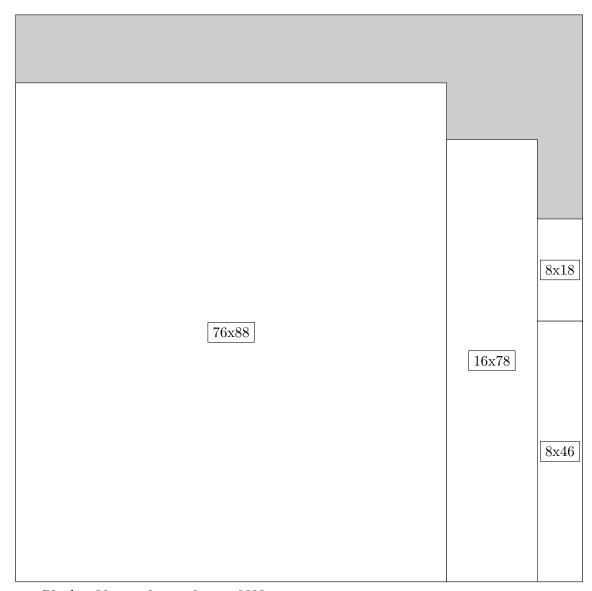
$$\mathbf{w}$$
 =77 , h =91 , x =0 , y =0 , v =7007

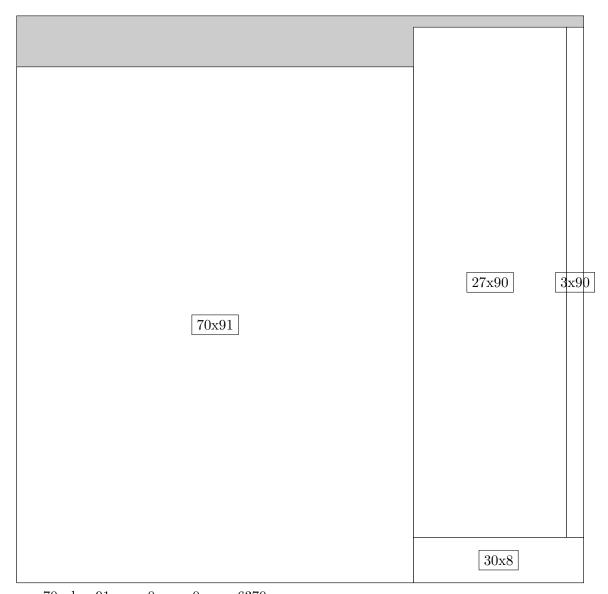
$$\le =18$$
 , h =85 , x =77 , y =0 , v =1530

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

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

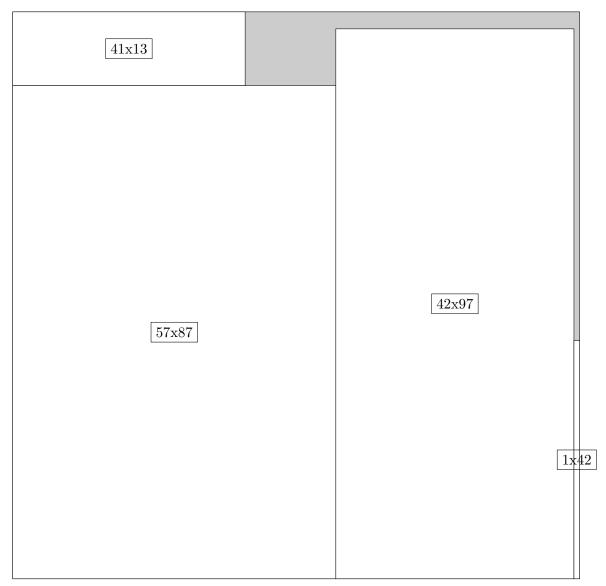
$$\mathbf{w}=\!\!4$$
 , $\mathbf{h}=\!\!38$, $\mathbf{x}=\!\!95$, $\mathbf{y}=\!\!0$, $\mathbf{v}=\!\!152$





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

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

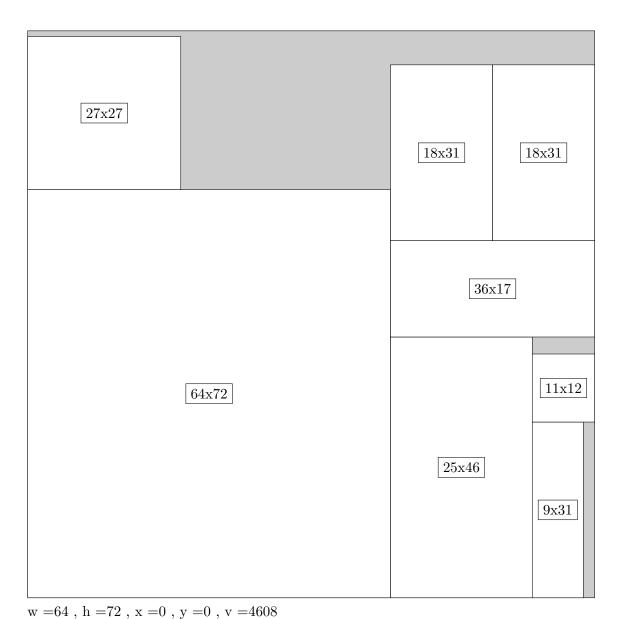


$$w = 57$$
, $h = 87$, $x = 0$, $y = 0$, $v = 4959$

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

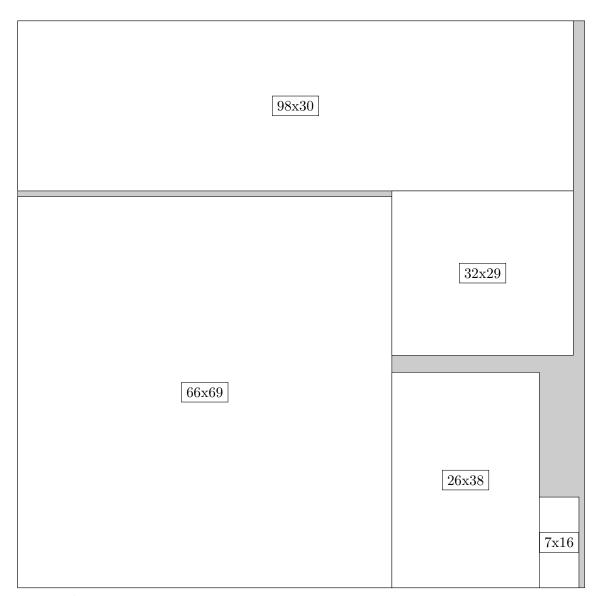
$$\le =41$$
 , h =13 , x =0 , y =87 , v =533

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



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

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



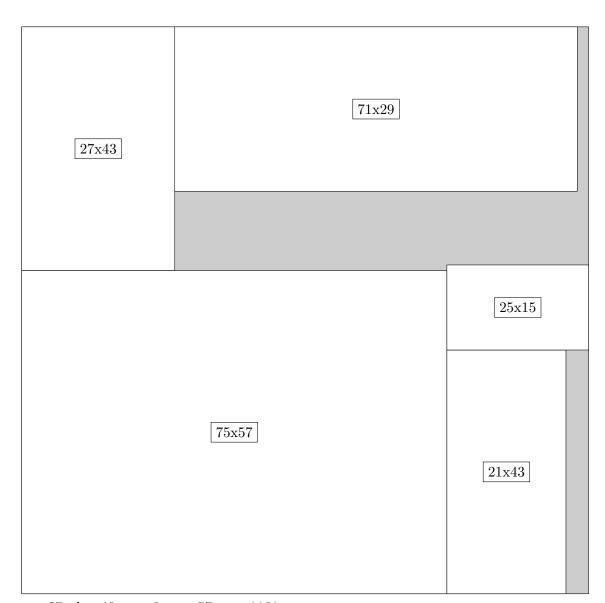
$$\le =66$$
 , h =69 , x =0 , y =0 , v =4554

$$\le =98$$
 , 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 |

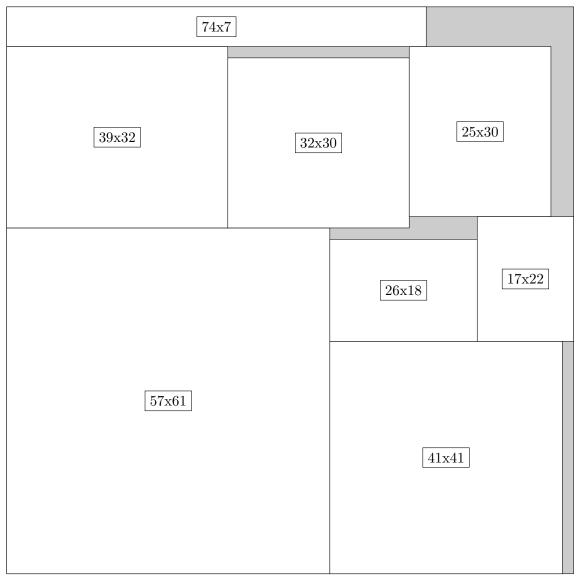
$$\le =76$$
 , h =51 , x =0 , y =0 , v =3876

$$\le =72$$
 , 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

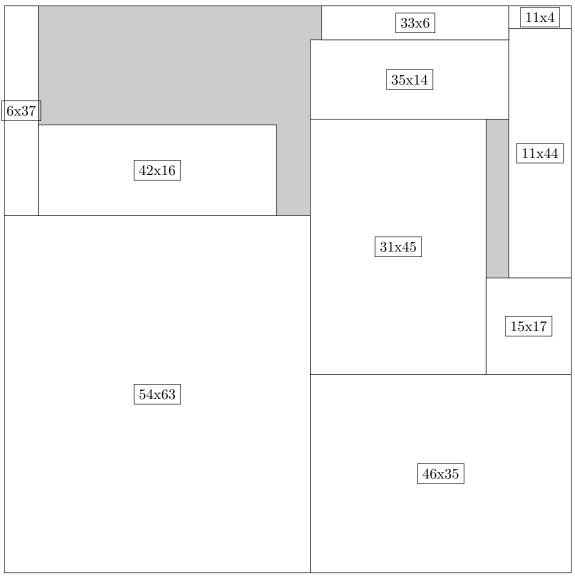
$$w = 32$$
, $h = 30$, $x = 39$, $y = 61$, $v = 960$

$$\le =25$$
 , 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



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

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

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

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

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

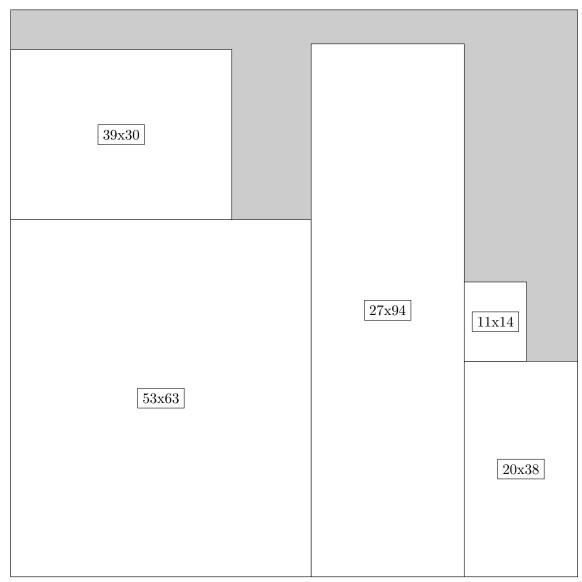
$$w$$
 =11 , h =44 , x =89 , y =52 , v =484

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

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

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

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



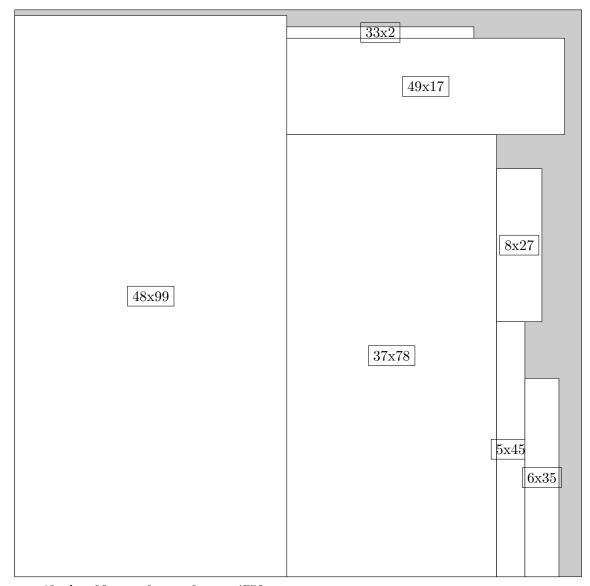
$$w = 53$$
, $h = 63$, $x = 0$, $y = 0$, $v = 3339$

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

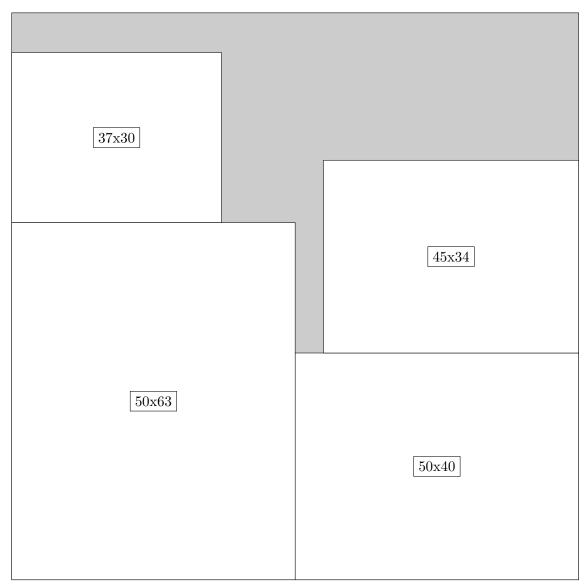
$$\le =39$$
 , h =30 , x =0 , y =63 , v =1170

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

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



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

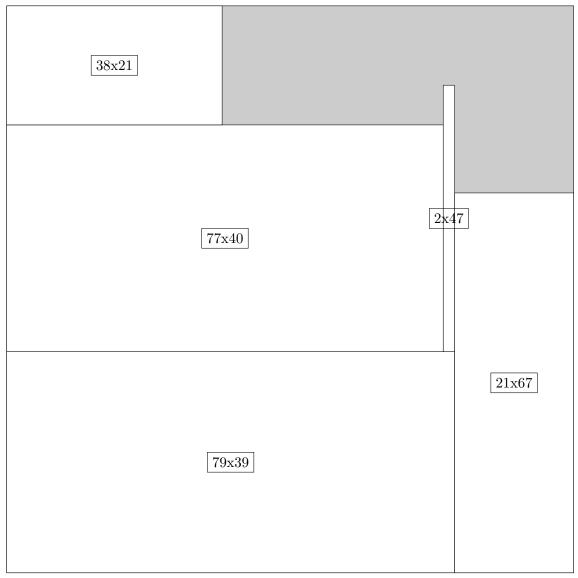


$$w = 50 , h = 40 , x = 50 , y = 0 , v = 2000$$

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

$$\le =37$$
 , 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