$ClassName: \ Class_05.2bp-42$

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

TypeNum: <u>99</u>
Num: <u>100</u>
OutS: <u>240000</u>
InS: <u>222057</u>
Rate: <u>0.925</u>
UB: <u>24</u>
LB0: <u>24</u>
LB: <u>24</u>

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

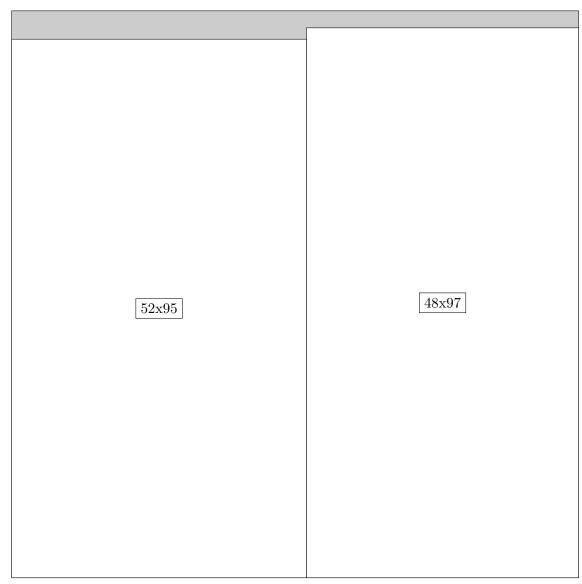
 $\operatorname{ExtendedNodeCnt}$: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{24}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

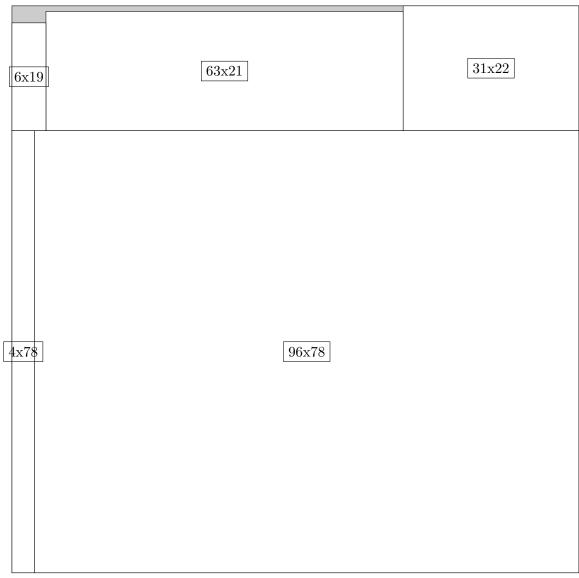
isOpt: $\underline{\mathbf{true}}$

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

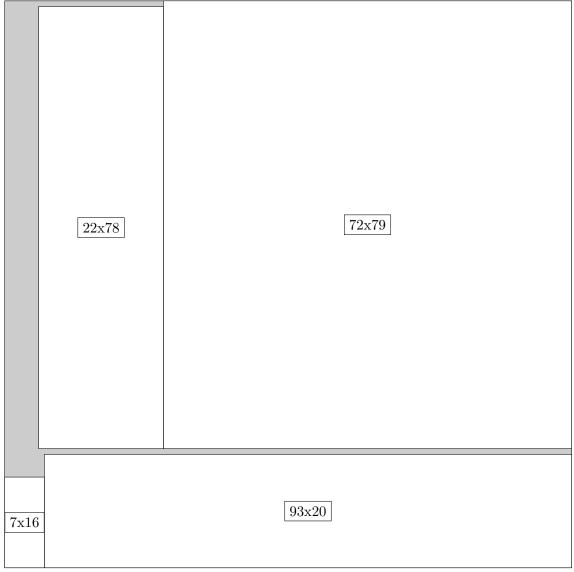
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.084 sTotalTime: 600.406 s



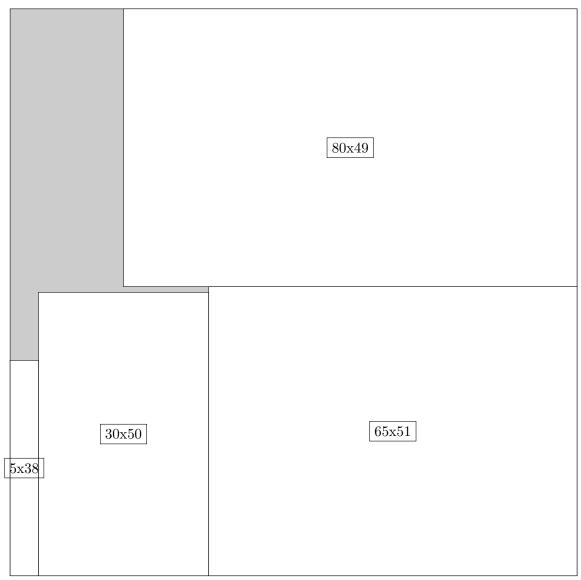
$$\begin{array}{l} w = \!\! 48 \ , \ h = \!\! 97 \ , \ x = \!\! 52 \ , \ y = \!\! 0 \ , \ v = \!\! 4656 \\ w = \!\! 52 \ , \ h = \!\! 95 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4940 \end{array}$$



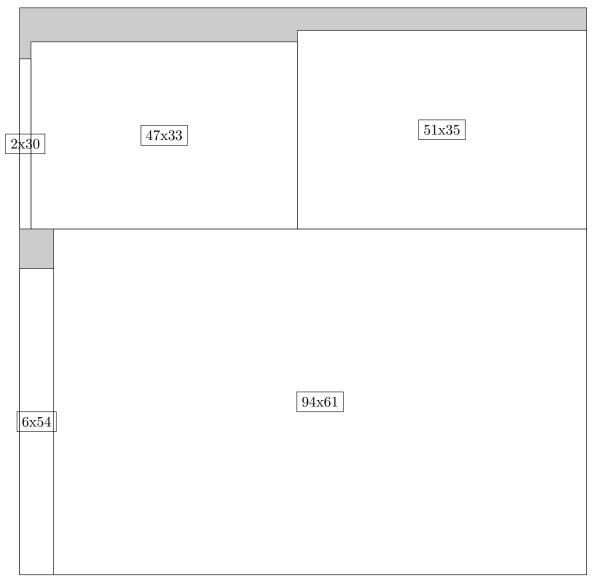
 $\begin{array}{l} w = 96 \; , \; h = 78 \; , \; x = 4 \; , \; y = 0 \; , \; v = 7488 \\ w = 4 \; , \; h = 78 \; , \; x = 0 \; , \; y = 0 \; , \; v = 312 \\ w = 31 \; , \; h = 22 \; , \; x = 69 \; , \; y = 78 \; , \; v = 682 \\ w = 63 \; , \; h = 21 \; , \; x = 6 \; , \; y = 78 \; , \; v = 1323 \\ w = 6 \; , \; h = 19 \; , \; x = 0 \; , \; y = 78 \; , \; v = 114 \end{array}$



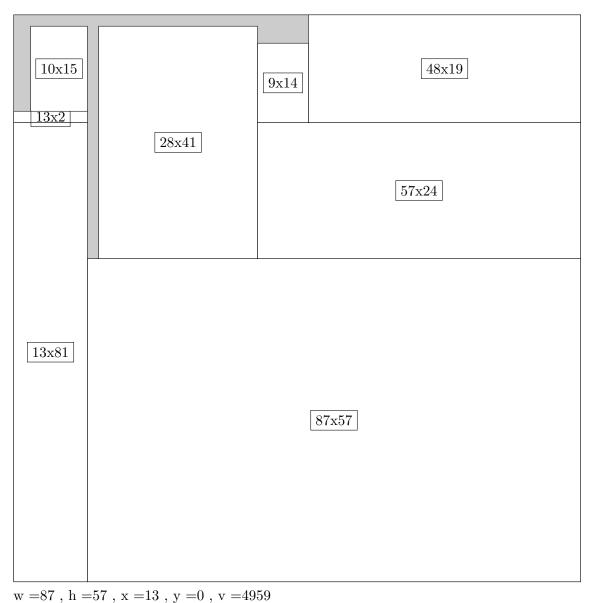
$$\begin{array}{l} w = \! 93 \; , \; h = \! 20 \; , \; x = \! 7 \; , \; y = \! 0 \; , \; v = \! 1860 \\ w = \! 7 \; , \; h = \! 16 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 112 \\ w = \! 72 \; , \; h = \! 79 \; , \; x = \! 28 \; , \; y = \! 21 \; , \; v = \! 5688 \\ w = \! 22 \; , \; h = \! 78 \; , \; x = \! 6 \; , \; y = \! 21 \; , \; v = \! 1716 \end{array}$$

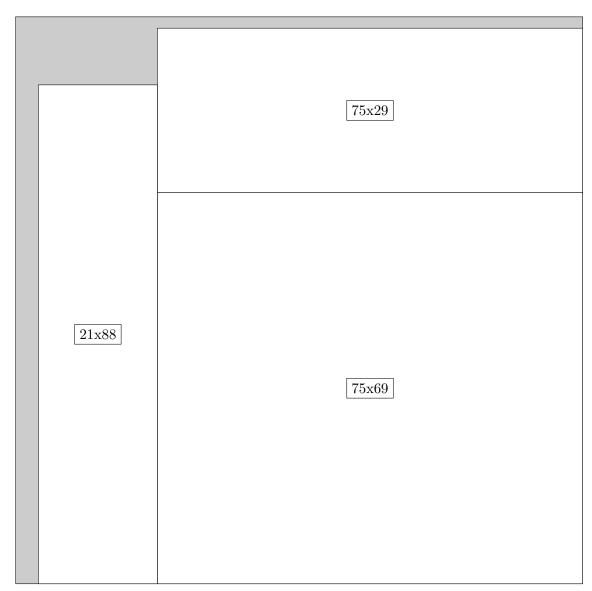


$$\begin{array}{l} w = \!65 \;, \; h = \!51 \;, \; x = \!35 \;, \; y = \!0 \;, \; v = \!3315 \\ w = \!30 \;, \; h = \!50 \;, \; x = \!5 \;, \; y = \!0 \;, \; v = \!1500 \\ w = \!5 \;, \; h = \!38 \;, \; x = \!0 \;, \; y = \!0 \;, \; v = \!190 \\ w = \!80 \;, \; h = \!49 \;, \; x = \!20 \;, \; y = \!51 \;, \; v = \!3920 \end{array}$$

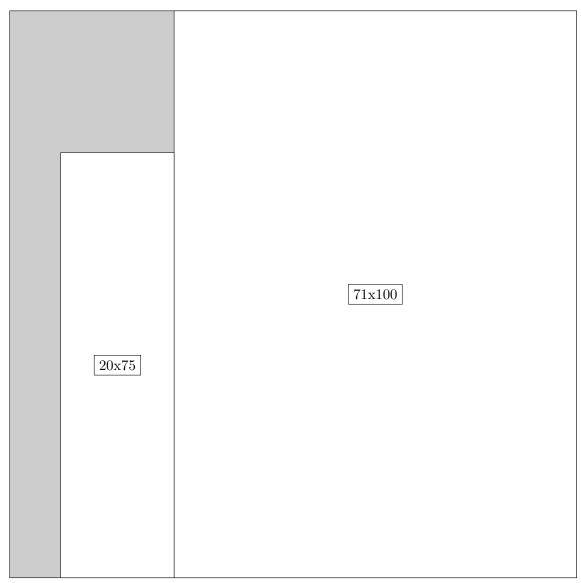


$$\begin{array}{l} w = 94 \; , \; h = 61 \; , \; x = 6 \; , \; y = 0 \; , \; v = 5734 \\ w = 6 \; , \; h = 54 \; , \; x = 0 \; , \; y = 0 \; , \; v = 324 \\ w = 51 \; , \; h = 35 \; , \; x = 49 \; , \; y = 61 \; , \; v = 1785 \\ w = 47 \; , \; h = 33 \; , \; x = 2 \; , \; y = 61 \; , \; v = 1551 \\ w = 2 \; , \; h = 30 \; , \; x = 0 \; , \; y = 61 \; , \; v = 60 \end{array}$$

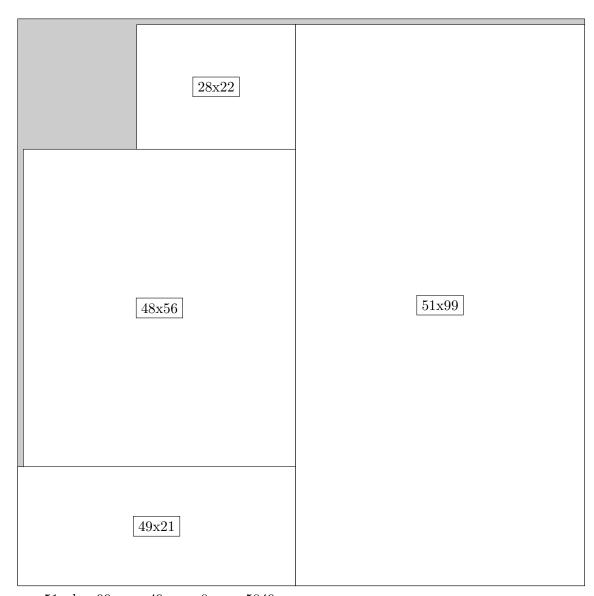




$$\begin{array}{l} w = \!\! 75 \ , \ h = \!\! 69 \ , \ x = \!\! 25 \ , \ y = \!\! 0 \ , \ v = \!\! 5175 \\ w = \!\! 75 \ , \ h = \!\! 29 \ , \ x = \!\! 25 \ , \ y = \!\! 69 \ , \ v = \!\! 2175 \\ w = \!\! 21 \ , \ h = \!\! 88 \ , \ x = \!\! 4 \ , \ y = \!\! 0 \ , \ v = \!\! 1848 \end{array}$$



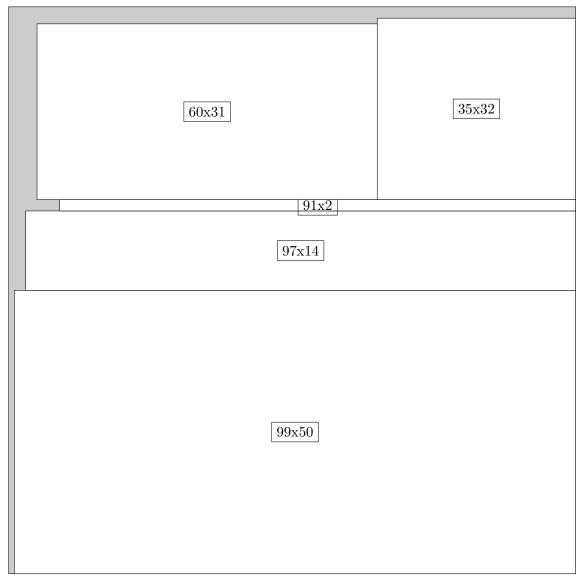
 $\begin{array}{l} w = \! 71 \ , \ h = \! 100 \ , \ x = \! 29 \ , \ y = \! 0 \ , \ v = \! 7100 \\ w = \! 20 \ , \ h = \! 75 \ , \ x = \! 9 \ , \ y = \! 0 \ , \ v = \! 1500 \end{array}$



$$\begin{array}{l} w = \! 51 \ , \ h = \! 99 \ , \ x = \! 49 \ , \ y = \! 0 \ , \ v = \! 5049 \\ w = \! 49 \ , \ h = \! 21 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1029 \end{array}$$

$$\le =48$$
 , h =
56 , x =1 , y =
21 , v =
2688

$$w=\!28$$
 , $h=\!22$, $x=\!21$, $y=\!77$, $v=\!616$



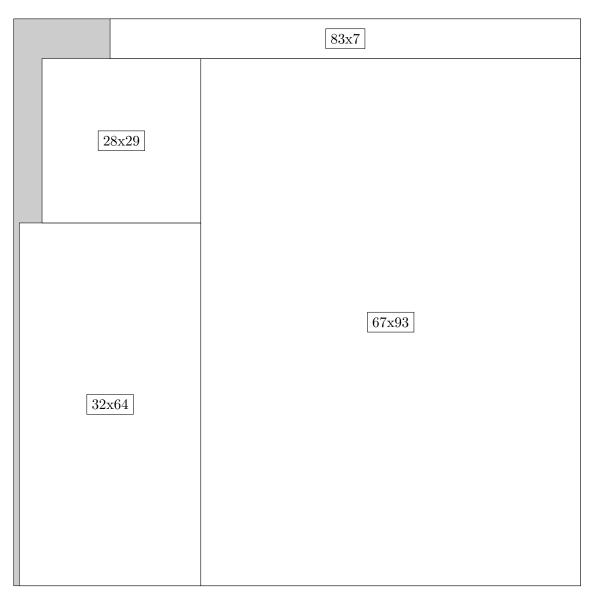
$$w=99$$
 , $h=50$, $x=1$, $y=0$, $v=\!4950$

$$\le =97$$
 , h =14 , x =3 , y =50 , v =1358

$$\le =91$$
 , h =2 , x =9 , y =64 , v =182

$$\le =35$$
 , h =32 , x =65 , y =66 , v =1120

$$\le =60$$
 , h =31 , x =5 , y =66 , v =1860

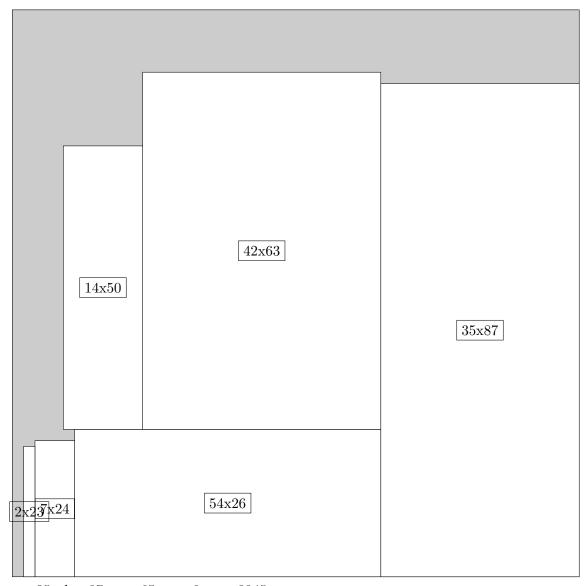


$$\le =67$$
 , h =93 , x =33 , y =0 , v =6231

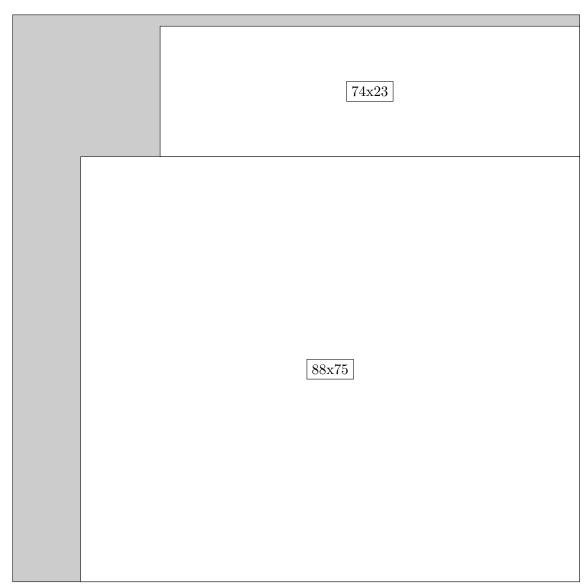
$$\le =32$$
 , h =64 , x =1 , y =0 , v =2048

$$\le =28$$
 , h =29 , x =5 , y =64 , v =812

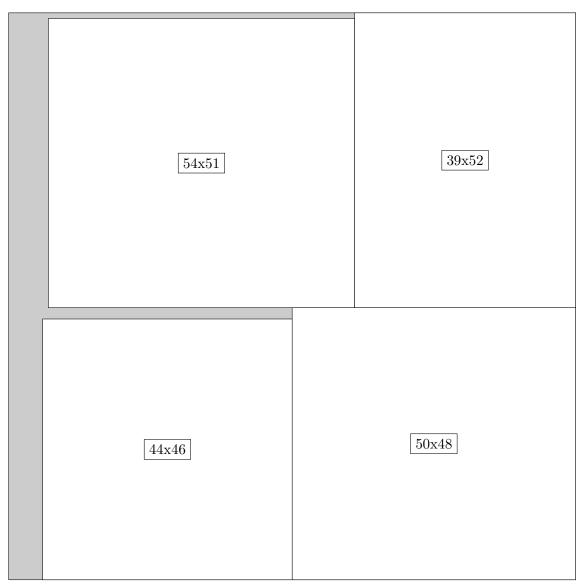
$$w$$
 =83 , h =7 , x =17 , y =93 , v =581



$$\begin{array}{l} w = \! 35 \ , \ h = \! 87 \ , \ x = \! 65 \ , \ y = \! 0 \ , \ v = \! 3045 \\ w = \! 54 \ , \ h = \! 26 \ , \ x = \! 11 \ , \ y = \! 0 \ , \ v = \! 1404 \\ w = \! 7 \ , \ h = \! 24 \ , \ x = \! 4 \ , \ y = \! 0 \ , \ v = \! 168 \\ w = \! 2 \ , \ h = \! 23 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 46 \\ w = \! 42 \ , \ h = \! 63 \ , \ x = \! 23 \ , \ y = \! 26 \ , \ v = \! 2646 \\ w = \! 14 \ , \ h = \! 50 \ , \ x = \! 9 \ , \ y = \! 26 \ , \ v = \! 700 \end{array}$$



$$\begin{array}{l} w = \! 88 \ , \, h = \! 75 \ , \, x = \! 12 \ , \, y = \! 0 \ , \, v = \! 6600 \\ w = \! 74 \ , \, h = \! 23 \ , \, x = \! 26 \ , \, y = \! 75 \ , \, v = \! 1702 \end{array}$$

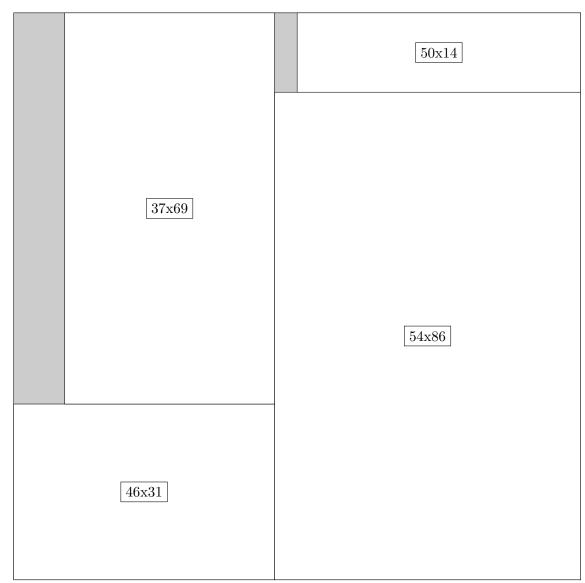


$$w = 50$$
, $h = 48$, $x = 50$, $y = 0$, $v = 2400$

$$\le =44$$
 , $h=46$, $x=6$, $y=0$, $v=2024$

$$\le =39$$
 , h =52 , x =61 , y =48 , v =2028

$$\le =54$$
 , $h=\! 51$, $x=\! 7$, $y=\! 48$, $v=\! 2754$

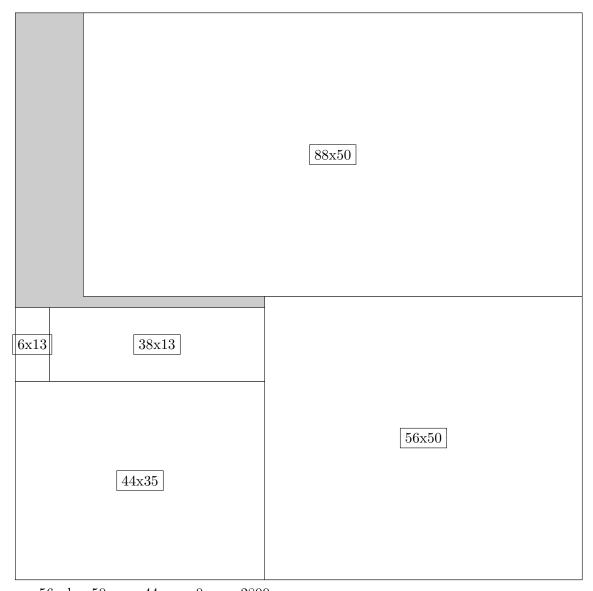


$$\le =54$$
 , $h=86$, $x=46$, $y=0$, $v=4644$

$$\le =50$$
 , h =14 , x =50 , y =86 , v =700

$$\le =46$$
 , h =31 , x =0 , y =0 , v =1426

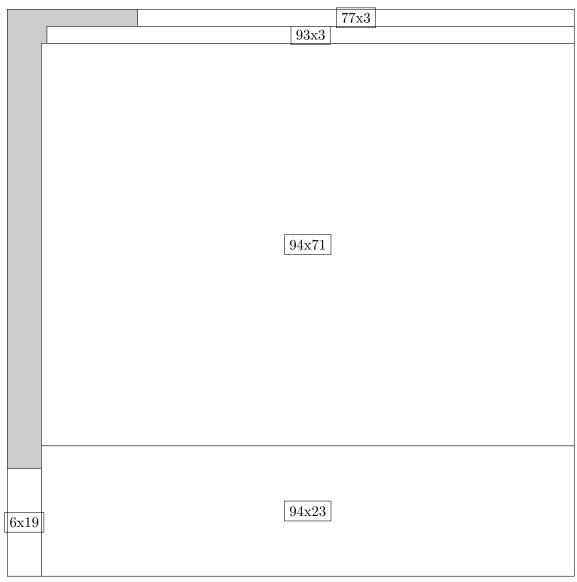
$$\le =37$$
 , h =69 , x =9 , y =31 , v =2553



$$\le =38$$
 , h =13 , x =6 , y =35 , v =494

$$\mathbf{w}$$
 =6 , h =13 , x =0 , y =35 , v =78

$$w = 88$$
, $h = 50$, $x = 12$, $y = 50$, $v = 4400$



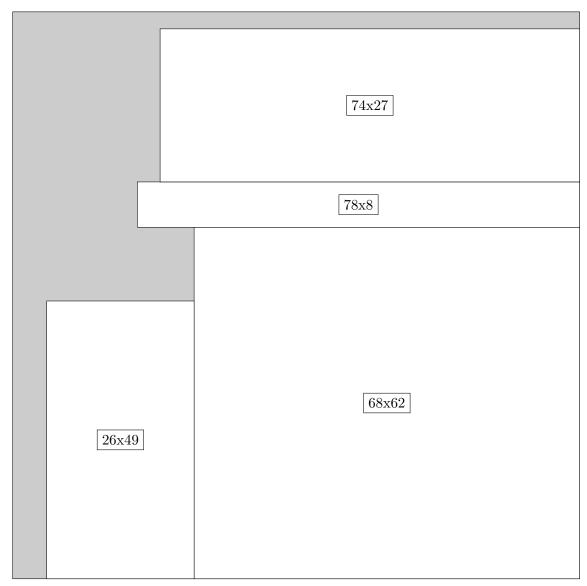
$$\le =94$$
 , h =23 , x =6 , y =0 , v =2162

$$\mathbf{w}$$
 =6 , h =19 , x =0 , y =0 , v =114

$$w=\!94$$
 , $h=\!71$, $x=\!6$, $y=\!23$, $v=\!6674$

$$\le =93$$
 , h =3 , x =7 , y =94 , v =279

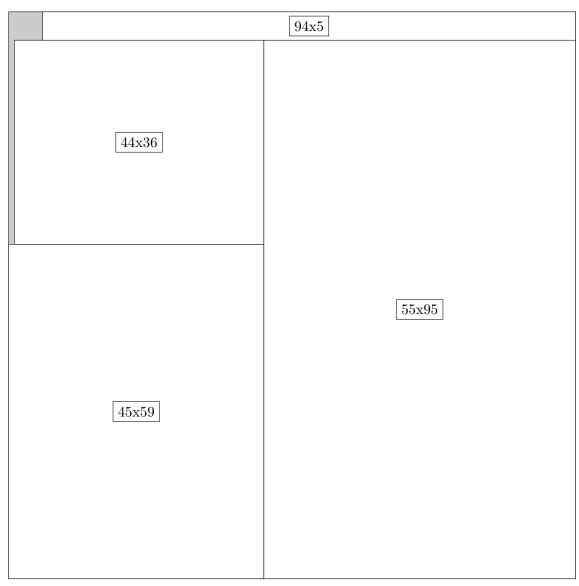
$$\le =77$$
 , h =3 , x =23 , y =97 , v =231



$$\begin{array}{l} w = \!\!68 \ , \ h = \!\!62 \ , \ x = \!\!32 \ , \ y = \!\!0 \ , \ v = \!\!4216 \\ w = \!\!26 \ , \ h = \!\!49 \ , \ x = \!\!6 \ , \ y = \!\!0 \ , \ v = \!\!1274 \end{array}$$

$$\le -78$$
 , h =
8 , x =
22 , y =
62 , v =
624

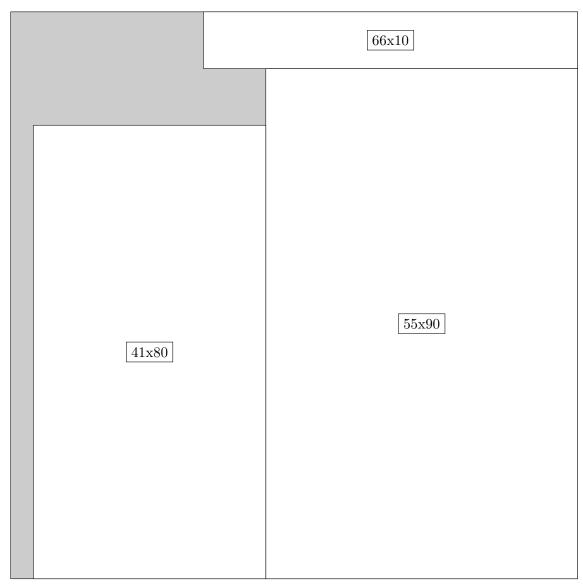
$$\mathbf{w}$$
 =74 , h =27 , x =26 , y =70 , v =1998



$$\begin{array}{l} w = \!\!55 \ , \ h = \!\!95 \ , \ x = \!\!45 \ , \ y = \!\!0 \ , \ v = \!\!5225 \\ w = \!\!45 \ , \ h = \!\!59 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!2655 \end{array}$$

$$\le =44$$
 , h =36 , x =1 , y =59 , v =1584

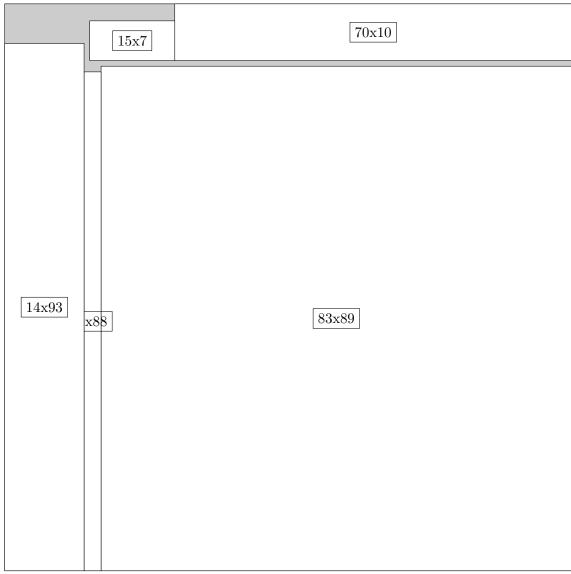
$$\le =94$$
 , $h=5$, $x=6$, $y=95$, $v=470$



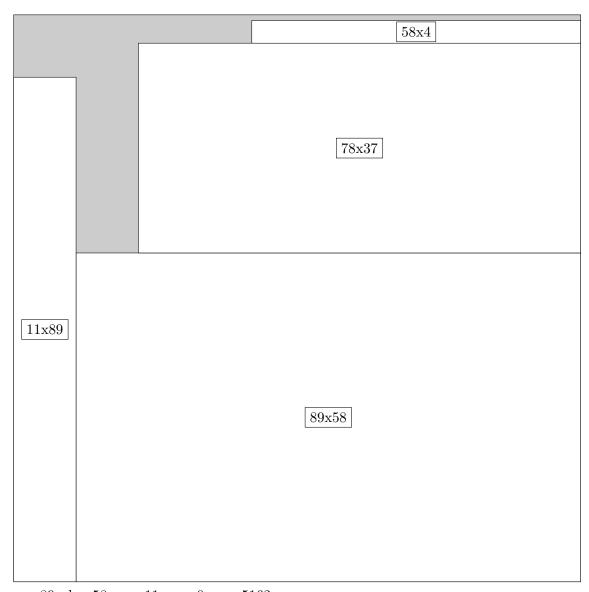
$$w = 55$$
, $h = 90$, $x = 45$, $y = 0$, $v = 4950$

$$\le =41$$
 , h =80 , x =4 , y =0 , v =3280

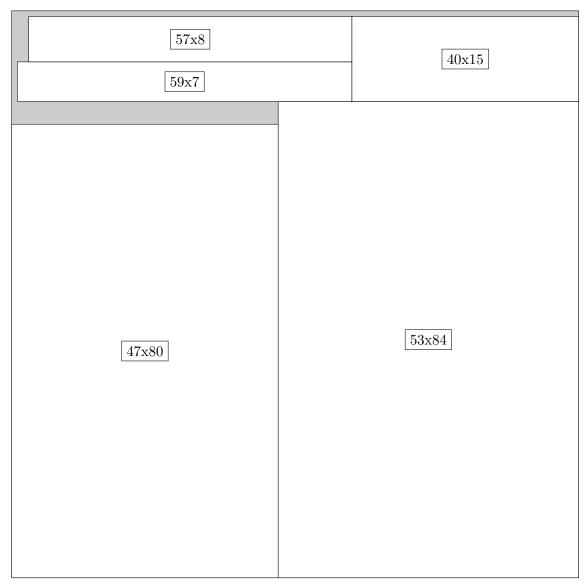
$$\le =66$$
 , h =10 , x =34 , y =90 , v =660



 $\begin{array}{l} w = \! 83 \ , \ h = \! 89 \ , \ x = \! 17 \ , \ y = \! 0 \ , \ v = \! 7387 \\ w = \! 3 \ , \ h = \! 88 \ , \ x = \! 14 \ , \ y = \! 0 \ , \ v = \! 264 \\ w = \! 70 \ , \ h = \! 10 \ , \ x = \! 30 \ , \ y = \! 90 \ , \ v = \! 700 \\ w = \! 15 \ , \ h = \! 7 \ , \ x = \! 15 \ , \ y = \! 90 \ , \ v = \! 105 \\ w = \! 14 \ , \ h = \! 93 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1302 \end{array}$



$$\begin{array}{l} w = \! 89 \ , \ h = \! 58 \ , \ x = \! 11 \ , \ y = \! 0 \ , \ v = \! 5162 \\ w = \! 78 \ , \ h = \! 37 \ , \ x = \! 22 \ , \ y = \! 58 \ , \ v = \! 2886 \\ w = \! 58 \ , \ h = \! 4 \ , \ x = \! 42 \ , \ y = \! 95 \ , \ v = \! 232 \\ w = \! 11 \ , \ h = \! 89 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 979 \end{array}$$



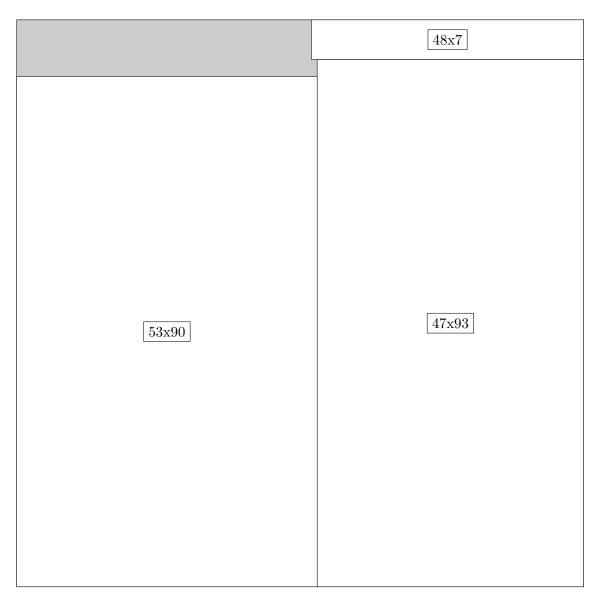
$$w = 53$$
, $h = 84$, $x = 47$, $y = 0$, $v = 4452$

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

$$\le =40$$
 , $h=15$, $x=60$, $y=84$, $v=600$

$$\le =59$$
 , h =7 , x =1 , y =84 , v =413

$$w = 57$$
, $h = 8$, $x = 3$, $y = 91$, $v = 456$



w = 47, h = 93, x = 53, y = 0, v = 4371

 $\le =53$, h =90 , x =0 , y =0 , v =4770

 $\le =48$, h =7 , x =52 , y =93 , v =336