$ClassName: \ Class_05.2bp-46$

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

TypeNum: <u>99</u>
Num: <u>100</u>
OutS: <u>250000</u>
InS: <u>231135</u>
Rate: <u>0.925</u>
UB: <u>25</u>
LB0: <u>25</u>
LB: <u>25</u>

LBWithCut: $\underline{25}$ NodeCut: $\underline{0}$

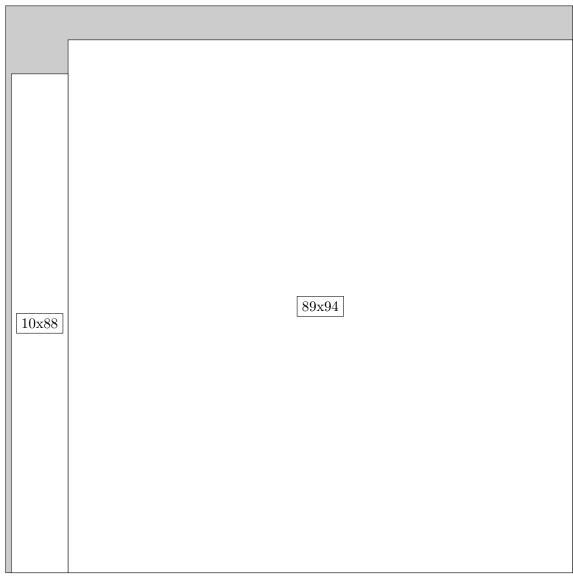
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{25}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

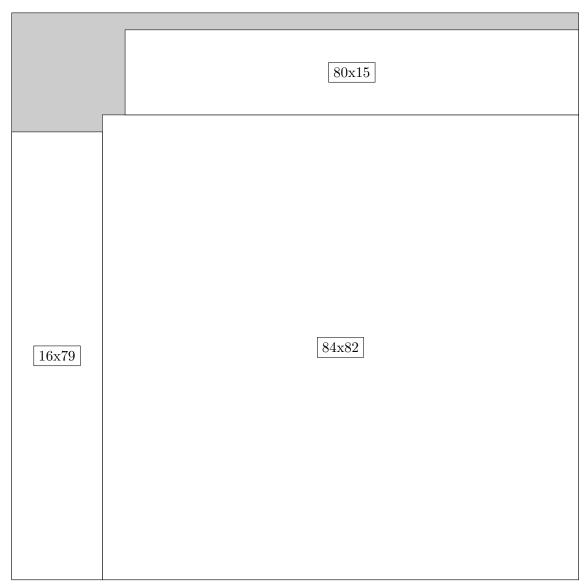
isOpt: $\underline{\mathbf{true}}$

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.406 s



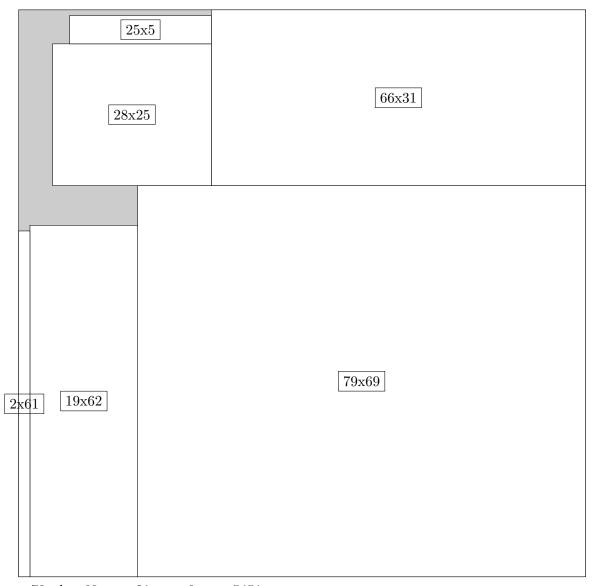
$$\begin{array}{c} w = \! 89 \ , \ h = \! 94 \ , \ x = \! 11 \ , \ y = \! 0 \ , \ v = \! 8366 \\ w = \! 10 \ , \ h = \! 88 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 880 \\ \end{array}$$



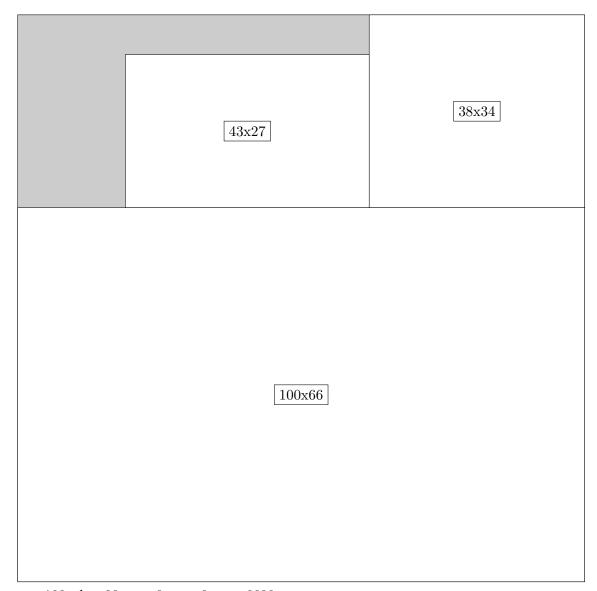
$$\le =84$$
 , $h=82$, $x=16$, $y=0$, $v=6888$

$$\mathbf{w}$$
 =16 , h =79 , x =0 , y =0 , v =1264

$$\le =80$$
 , h =15 , x =20 , y =82 , v =1200

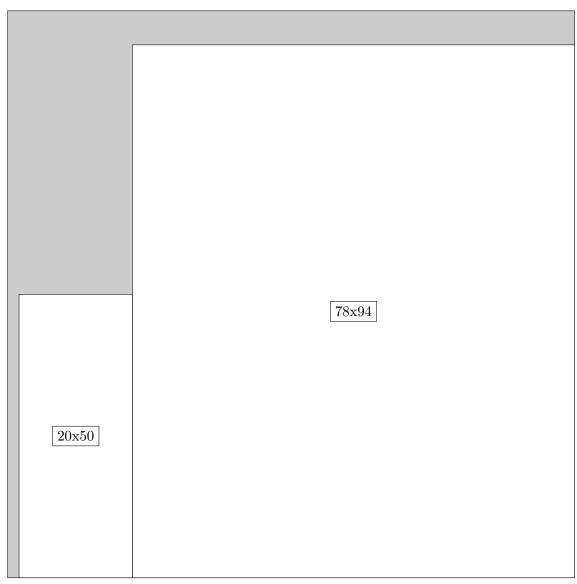


$$\begin{array}{l} w = & 79 \ , \ h = & 69 \ , \ x = & 21 \ , \ y = & 0 \ , \ v = & 5451 \\ w = & 19 \ , \ h = & 62 \ , \ x = & 2 \ , \ y = & 0 \ , \ v = & 1178 \\ w = & 2 \ , \ h = & 61 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 122 \\ w = & 66 \ , \ h = & 31 \ , \ x = & 34 \ , \ y = & 69 \ , \ v = & 2046 \\ w = & 28 \ , \ h = & 25 \ , \ x = & 6 \ , \ y = & 69 \ , \ v = & 700 \\ w = & 25 \ , \ h = & 5 \ , \ x = & 9 \ , \ y = & 94 \ , \ v = & 125 \\ \end{array}$$



$$\begin{array}{l} w = \! 100 \ , \ h = \! 66 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6600 \\ w = \! 38 \ , \ h = \! 34 \ , \ x = \! 62 \ , \ y = \! 66 \ , \ v = \! 1292 \end{array}$$

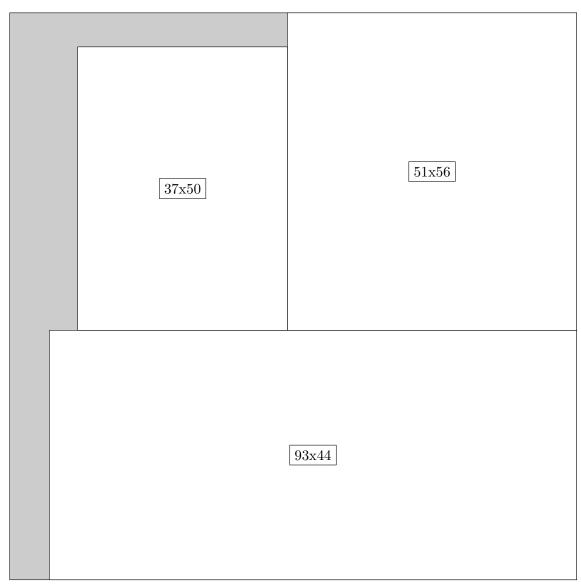
 $\le =43$, h =27 , x =19 , y =66 , v =1161



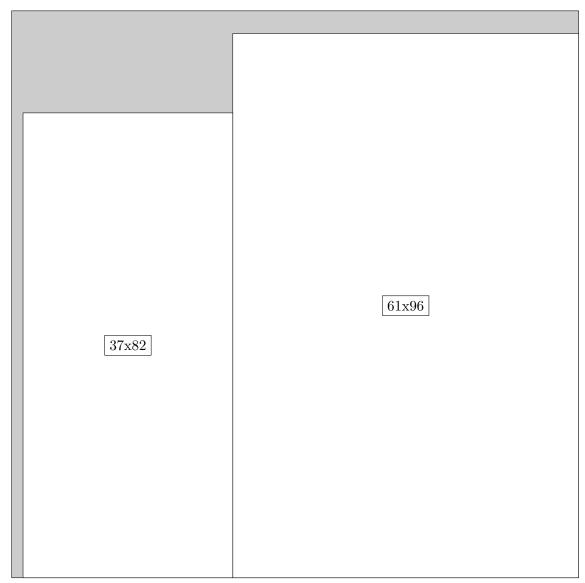
$$\begin{array}{l} w = \! 78 \ , \ h = \! 94 \ , \ x = \! 22 \ , \ y = \! 0 \ , \ v = \! 7332 \\ w = \! 20 \ , \ h = \! 50 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 1000 \end{array}$$

51x37	49x38
$100\mathrm{x}62$	

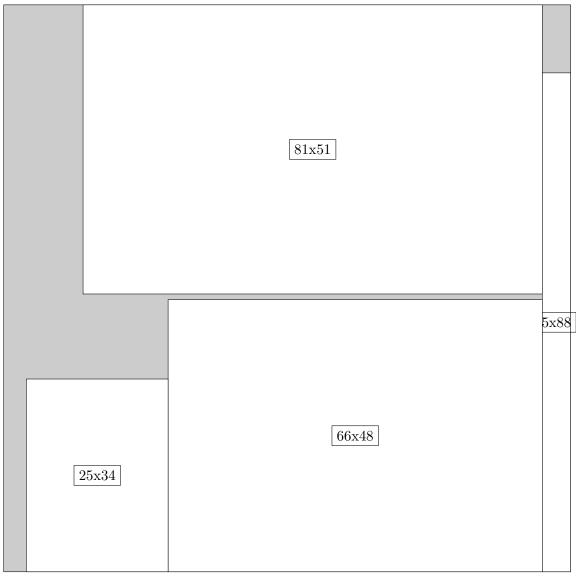
$$\begin{array}{l} w = \! 100 \ , \ h = \! 62 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6200 \\ w = \! 49 \ , \ h = \! 38 \ , \ x = \! 51 \ , \ y = \! 62 \ , \ v = \! 1862 \\ w = \! 51 \ , \ h = \! 37 \ , \ x = \! 0 \ , \ y = \! 62 \ , \ v = \! 1887 \end{array}$$



$$\begin{array}{l} w = \! 93 \ , \ h = \! 44 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 4092 \\ w = \! 51 \ , \ h = \! 56 \ , \ x = \! 49 \ , \ y = \! 44 \ , \ v = \! 2856 \\ w = \! 37 \ , \ h = \! 50 \ , \ x = \! 12 \ , \ y = \! 44 \ , \ v = \! 1850 \end{array}$$



$$\begin{array}{l} w = \! 61 \ , \ h = \! 96 \ , \ x = \! 39 \ , \ y = \! 0 \ , \ v = \! 5856 \\ w = \! 37 \ , \ h = \! 82 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 3034 \end{array}$$

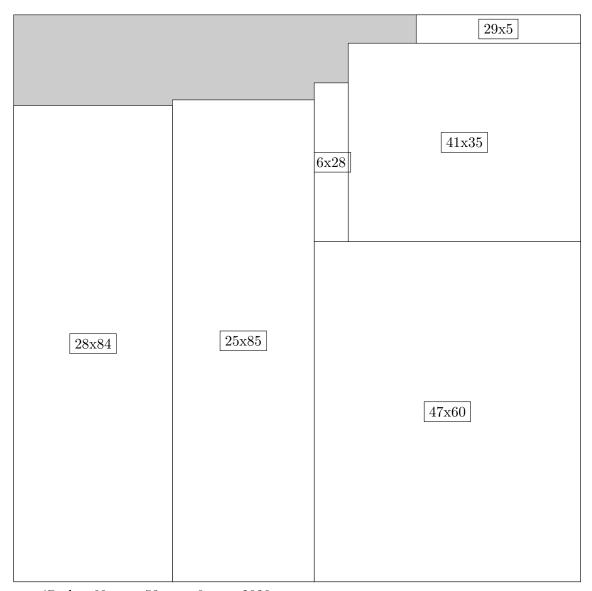


 $w=\!5$, $h=\!88$, $x=\!95$, $y=\!0$, $v=\!440$

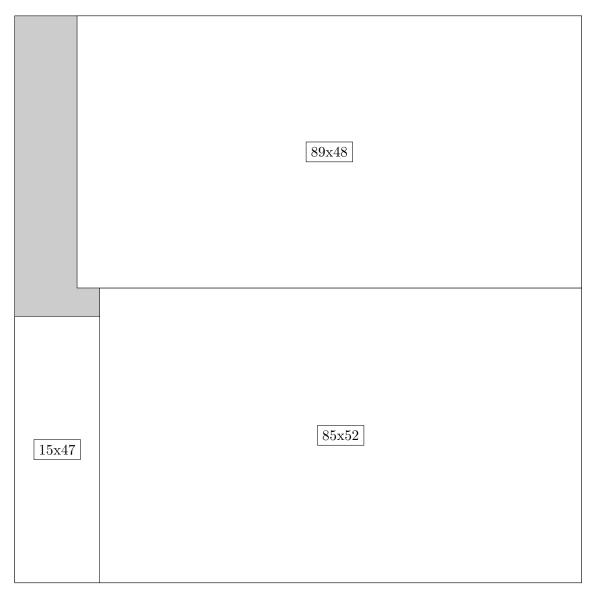
 $\le =66$, h =48 , x =29 , y =0 , v =3168

 $\le =25$, h =34 , x =4 , y =0 , v = 850

w =81 , h =51 , x =14 , y =49 , v =4131



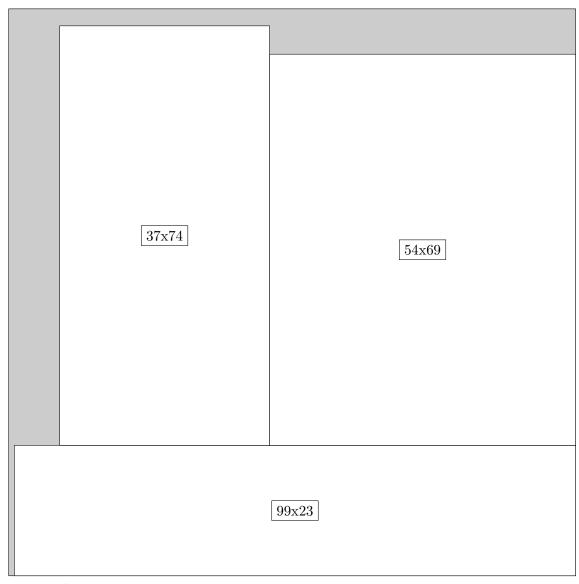
 $\begin{array}{l} w = \!\!47 \;,\; h = \!\!60 \;,\; x = \!\!53 \;,\; y = \!\!0 \;,\; v = \!\!2820 \\ w = \!\!41 \;,\; h = \!\!35 \;,\; x = \!\!59 \;,\; y = \!\!60 \;,\; v = \!\!1435 \\ w = \!\!29 \;,\; h = \!\!5 \;,\; x = \!\!71 \;,\; y = \!\!95 \;,\; v = \!\!145 \\ w = \!\!6 \;,\; h = \!\!28 \;,\; x = \!\!53 \;,\; y = \!\!60 \;,\; v = \!\!168 \\ w = \!\!25 \;,\; h = \!\!85 \;,\; x = \!\!28 \;,\; y = \!\!0 \;,\; v = \!\!2125 \\ w = \!\!28 \;,\; h = \!\!84 \;,\; x = \!\!0 \;,\; y = \!\!0 \;,\; v = \!\!2352 \end{array}$



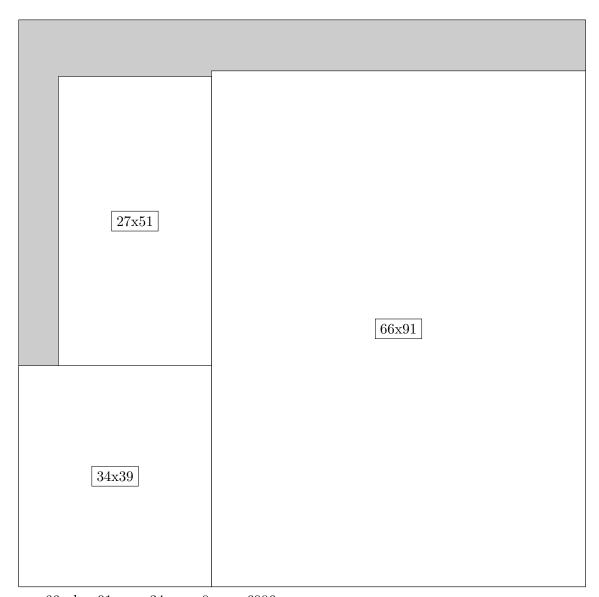
$$w$$
 =85 , h =52 , x =15 , y =0 , v =4420

$$\le =15$$
 , h =47 , x =0 , y =0 , v =705

$$\le =89$$
 , h =48 , x =11 , y =52 , v =4272

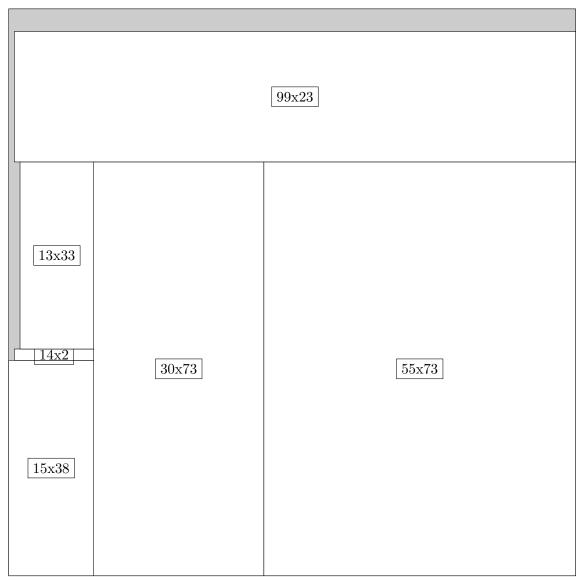


$$\begin{array}{l} w = 99 \ , \ h = 23 \ , \ x = 1 \ , \ y = 0 \ , \ v = 2277 \\ w = 54 \ , \ h = 69 \ , \ x = 46 \ , \ y = 23 \ , \ v = 3726 \\ w = 37 \ , \ h = 74 \ , \ x = 9 \ , \ y = 23 \ , \ v = 2738 \end{array}$$



$$\begin{array}{l} w = \! 66 \ , \ h = \! 91 \ , \ x = \! 34 \ , \ y = \! 0 \ , \ v = \! 6006 \\ w = \! 34 \ , \ h = \! 39 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1326 \end{array}$$

$$w$$
 =27 , h =51 , x =7 , y =39 , v =1377



$$w$$
 =55 , h =73 , x =45 , y =0 , v =4015

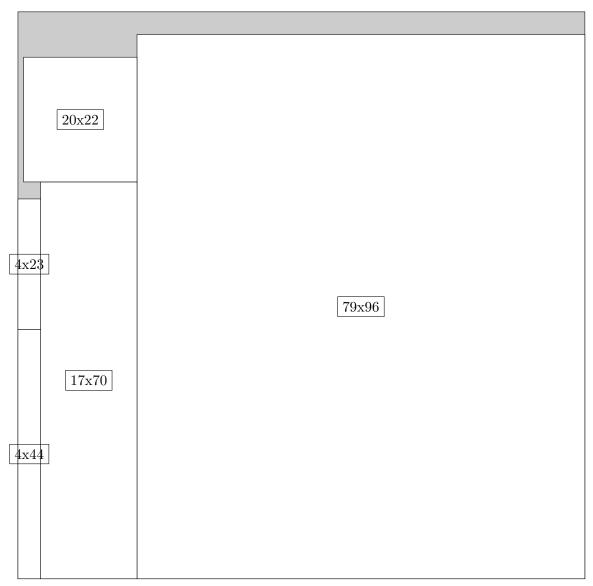
$$\le =30$$
 , h =73 , x =15 , y =0 , v =2190

$$\le =15$$
 , h =38 , x =0 , y =0 , v =570

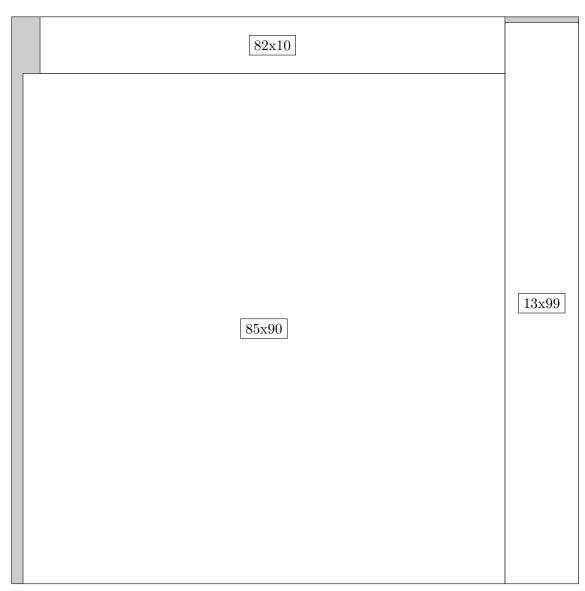
$$\le =14$$
 , h =2 , x =1 , y =38 , v =28

$$\le =13$$
 , h =33 , x =2 , y =40 , v =429

$$\le =99$$
 , h =23 , x =1 , y =73 , v =2277



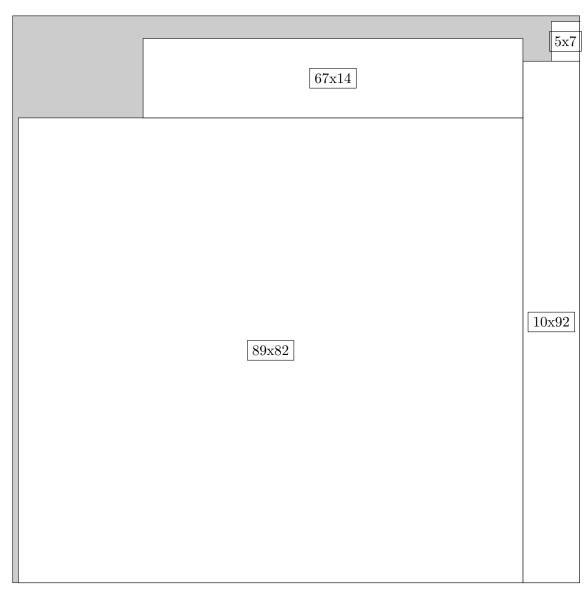
w =79 , h =96 , x =21 , y =0 , v =7584 w =17 , h =70 , x =4 , y =0 , v =1190 w =4 , h =44 , x =0 , y =0 , v =176 w =4 , h =23 , x =0 , y =44 , v =92 w =20 , h =22 , x =1 , y =70 , v =440



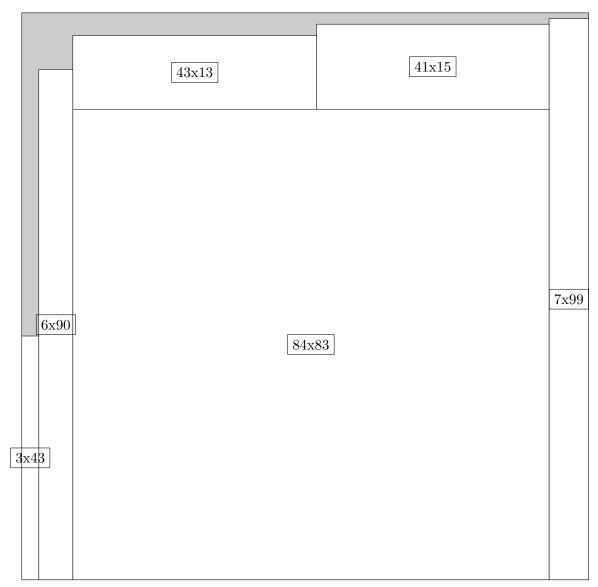
$$w$$
 =13 , h =99 , x =87 , y =0 , v =1287

$$\le =85$$
 , h =90 , x =2 , y =0 , v =7650

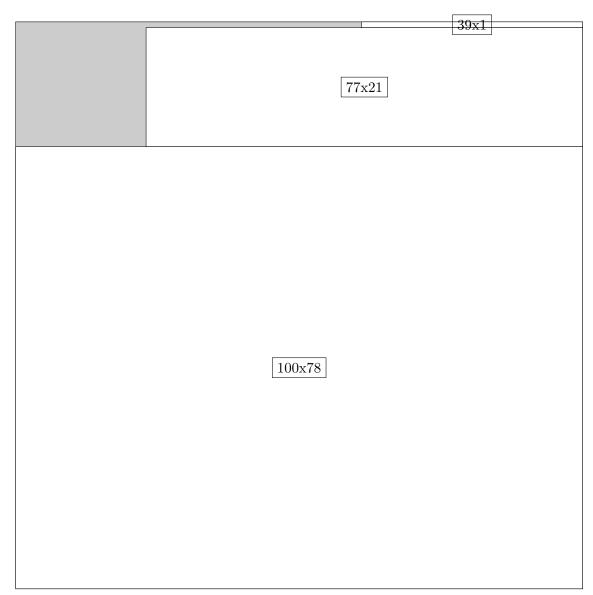
$$\le =82$$
 , h =10 , x =5 , y =90 , v =820



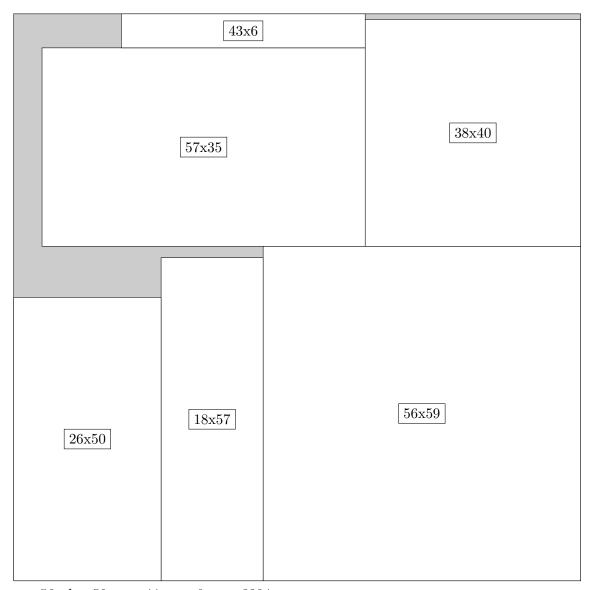
 $\begin{array}{l} w = & 10 \ , \ h = & 92 \ , \ x = & 90 \ , \ y = & 0 \ , \ v = & 920 \\ w = & 5 \ , \ h = & 7 \ , \ x = & 95 \ , \ y = & 92 \ , \ v = & 35 \\ w = & 89 \ , \ h = & 82 \ , \ x = & 1 \ , \ y = & 0 \ , \ v = & 7298 \\ w = & 67 \ , \ h = & 14 \ , \ x = & 23 \ , \ y = & 82 \ , \ v = & 938 \end{array}$



$$\begin{array}{l} w=7\ ,\ h=99\ ,\ x=93\ ,\ y=0\ ,\ v=693\\ w=84\ ,\ h=83\ ,\ x=9\ \, ,\ y=0\ \, ,\ v=6972\\ w=41\ \, ,\ h=15\ \, ,\ x=52\ \, ,\ y=83\ \, ,\ v=615\\ w=43\ \, ,\ h=13\ \, ,\ x=9\ \, ,\ y=83\ \, ,\ v=559\\ w=6\ \, ,\ h=90\ \, ,\ x=3\ \, ,\ y=0\ \, ,\ v=540\\ w=3\ \, ,\ h=43\ \, ,\ x=0\ \, ,\ y=0\ \, ,\ v=129\\ \end{array}$$



 $\begin{array}{l} w = \! 100 \ , \ h = \! 78 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7800 \\ w = \! 77 \ , \ h = \! 21 \ , \ x = \! 23 \ , \ y = \! 78 \ , \ v = \! 1617 \\ w = \! 39 \ , \ h = \! 1 \ , \ x = \! 61 \ , \ y = \! 99 \ , \ v = \! 39 \end{array}$



$$w$$
 =56 , h =59 , x =44 , y =0 , v =3304

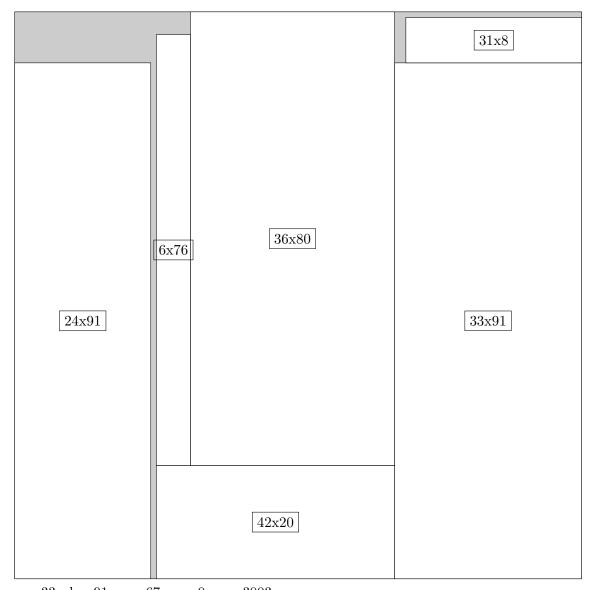
$$\le =18$$
 , h =57 , x =26 , y =0 , v =1026

$$\le =26$$
 , $h=\!50$, $x=\!0$, $y=\!0$, $v=\!1300$

$$\le =38$$
 , h =40 , x =62 , y =59 , v =1520

$$\le =57$$
 , h =35 , x =5 , y =59 , v =1995

$$\le =43$$
 , $h=6$, $x=19$, $y=94$, $v=258$



$$\le =33$$
 , h =91 , x =67 , y =0 , v =3003

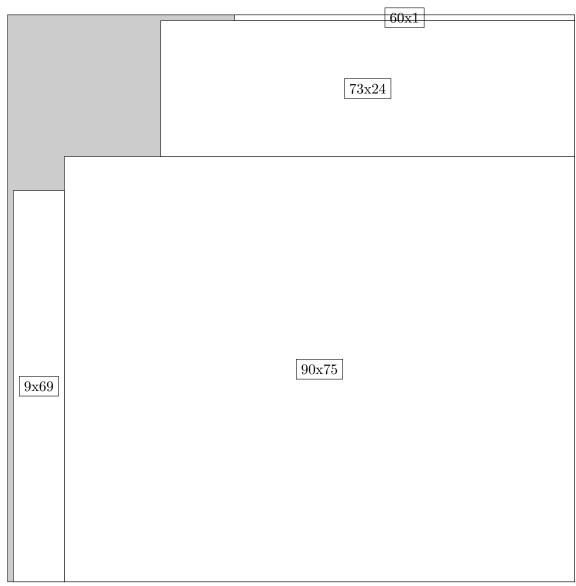
$$w=\!31$$
 , $h=\!8$, $x=\!69$, $y=\!91$, $v=\!248$

$$\le =42$$
 , $h=20$, $x=25$, $y=0$, $v=840$

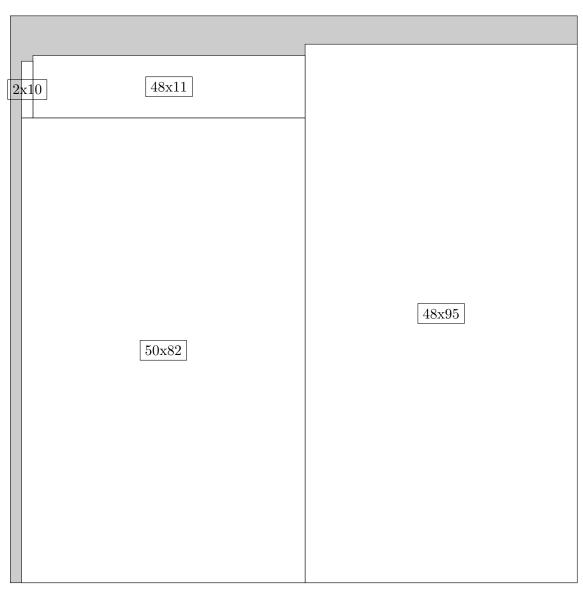
$$\le =36$$
 , h =80 , x =31 , y =20 , v =2880

$$\mathbf{w}$$
 =6 , h =76 , x =25 , y =20 , v =456

$$\mathbf{w}$$
 =24 , h =91 , x =0 , y =0 , v =2184



 $\begin{array}{l} w = \! 90 \ , \ h = \! 75 \ , \ x = \! 10 \ , \ y = \! 0 \ , \ v = \! 6750 \\ w = \! 73 \ , \ h = \! 24 \ , \ x = \! 27 \ , \ y = \! 75 \ , \ v = \! 1752 \\ w = \! 60 \ , \ h = \! 1 \ , \ x = \! 40 \ , \ y = \! 99 \ , \ v = \! 60 \\ w = \! 9 \ , \ h = \! 69 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 621 \end{array}$

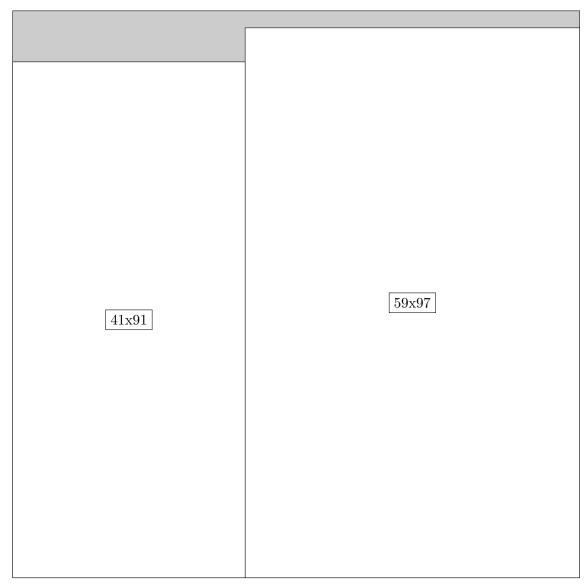


$$w = 48$$
, $h = 95$, $x = 52$, $y = 0$, $v = 4560$

$$\le =50$$
 , h =82 , x =2 , y =0 , v =4100

$$\le =48$$
 , h =11 , x =4 , y =82 , v =528

$$\le =2$$
 , h =10 , x =2 , y =82 , v =20



 $\begin{array}{l} w = \! 59 \ , \ h = \! 97 \ , \ x = \! 41 \ , \ y = \! 0 \ , \ v = \! 5723 \\ w = \! 41 \ , \ h = \! 91 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3731 \end{array}$

