$ClassName: \ Class_07.2bp-46$

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

TypeNum: <u>100</u> Num: <u>100</u> OutS: <u>270000</u> InS: <u>228126</u> Rate: <u>0.845</u> UB: <u>27</u> LB0: <u>27</u>

LB: <u>27</u> LBWithCut: <u>27</u> NodeCut: <u>0</u>

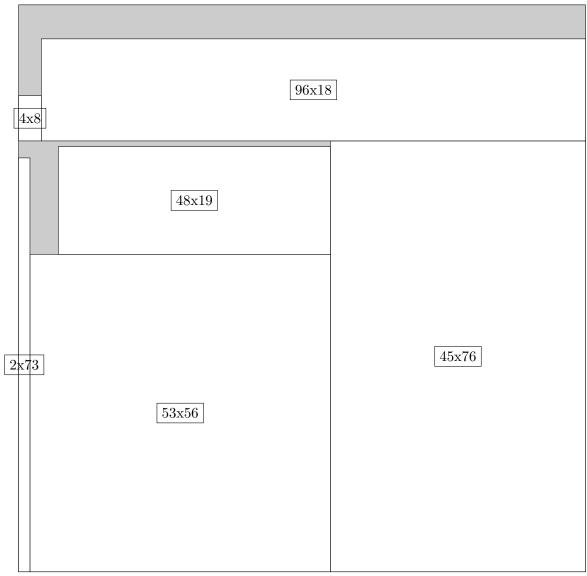
 $\operatorname{ExtendedNodeCnt}$: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{27}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

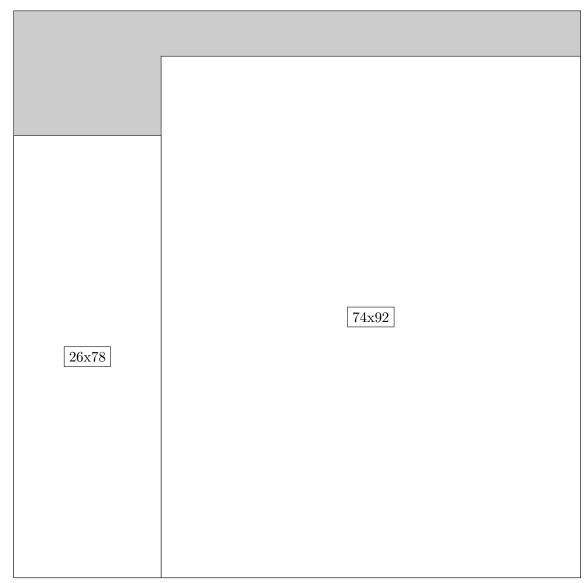
isOpt: $\underline{\mathbf{true}}$

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

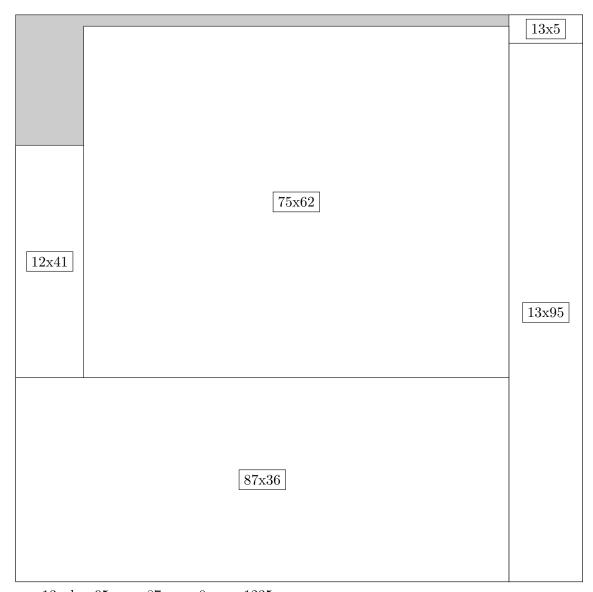
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.047 sTotalTime: 600.328 s



$$\begin{array}{l} w = \!\! 45 \ , \ h = \!\! 76 \ , \ x = \!\! 55 \ , \ y = \!\! 0 \ , \ v = \!\! 3420 \\ w = \!\! 53 \ , \ h = \!\! 56 \ , \ x = \!\! 2 \ , \ y = \!\! 0 \ , \ v = \!\! 2968 \\ w = \!\! 48 \ , \ h = \!\! 19 \ , \ x = \!\! 7 \ , \ y = \!\! 56 \ , \ v = \!\! 912 \\ w = \!\! 2 \ , \ h = \!\! 73 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 146 \\ w = \!\! 96 \ , \ h = \!\! 18 \ , \ x = \!\! 4 \ , \ y = \!\! 76 \ , \ v = \!\! 1728 \\ w = \!\! 4 \ , \ h = \!\! 8 \ , \ x = \!\! 0 \ , \ y = \!\! 76 \ , \ v = \!\! 32 \end{array}$$



$$\begin{array}{l} w = \! 74 \ , \ h = \! 92 \ , \ x = \! 26 \ , \ y = \! 0 \ , \ v = \! 6808 \\ w = \! 26 \ , \ h = \! 78 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2028 \end{array}$$



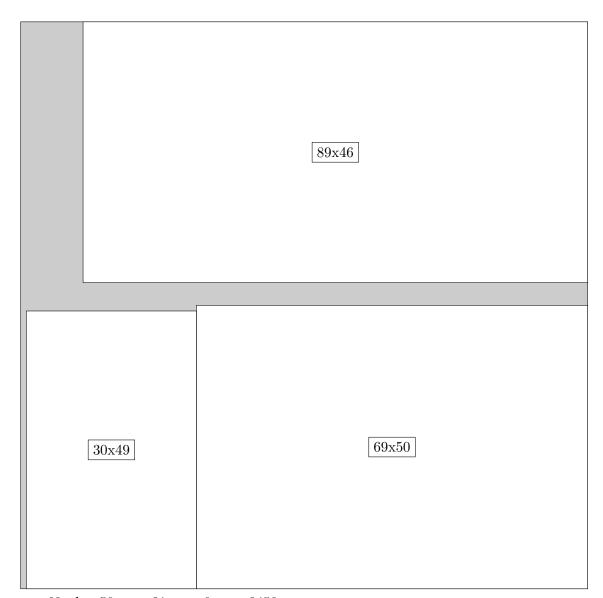
$$\le =13$$
 , h =95 , x =87 , y =0 , v =1235

$$\le =13$$
 , h =5 , x =87 , y =95 , v =65

$$\le =87$$
 , h =36 , x =0 , y =0 , v =3132

$$\le -75$$
 , h =62 , x =12 , y =36 , v =4650

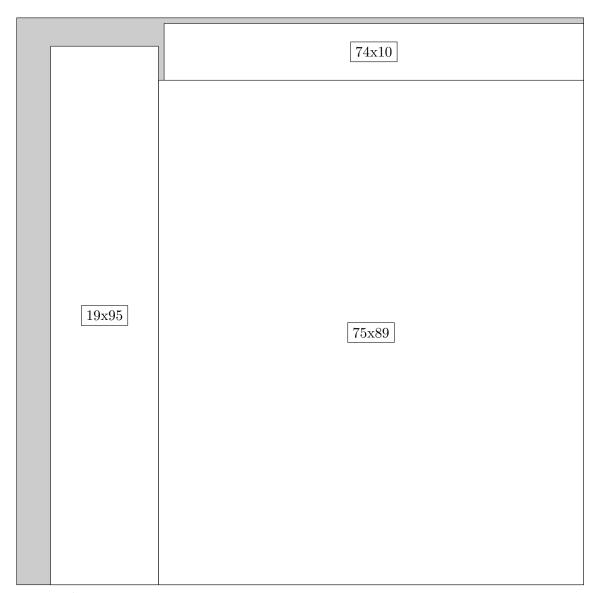
$$\mathbf{w}$$
 =12 , h =41 , x =0 , y =36 , v =492



$$\le =69$$
 , $h=\!50$, $x=\!31$, $y=\!0$, $v=\!3450$

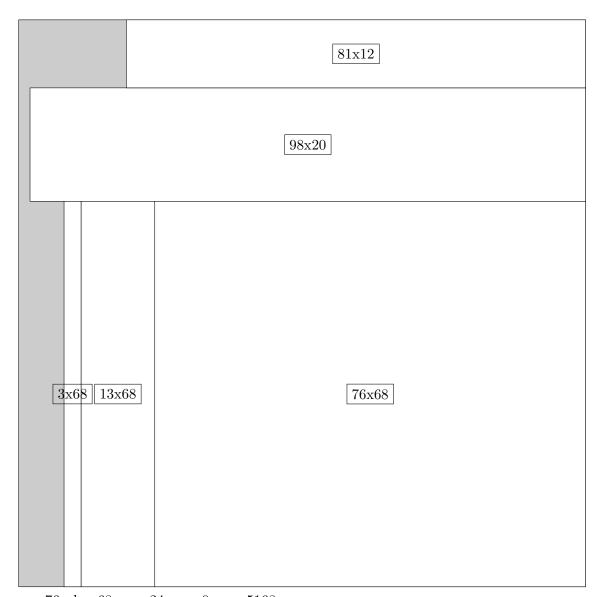
$$\mathbf{w}$$
 =30 , h =49 , x =1 , y =0 , v =1470

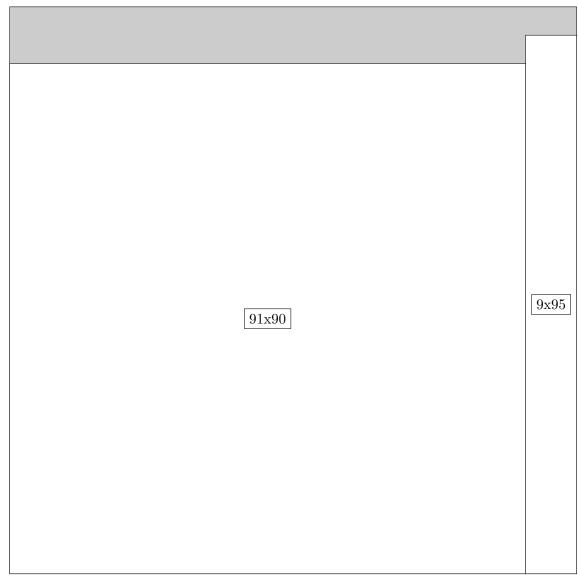
$$w$$
 =89 , h =46 , x =11 , y =54 , v =4094



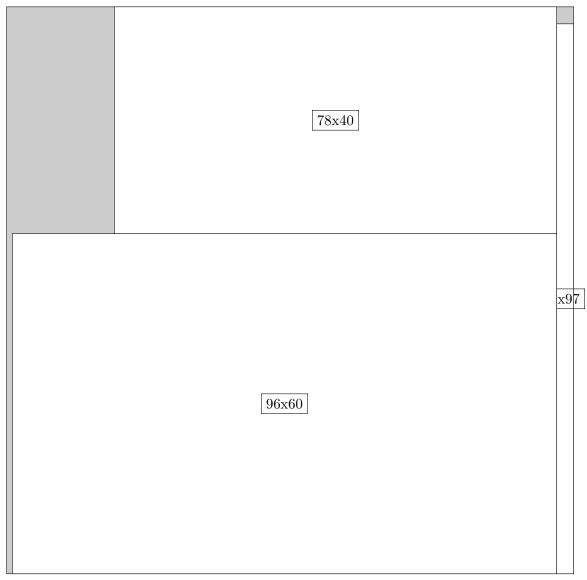
$$w$$
 =75 , h =89 , x =25 , y =0 , v =6675 w =74 , h =10 , x =26 , y =89 , v =740

$$\le =19$$
 , h =95 , x =6 , y =0 , v =1805

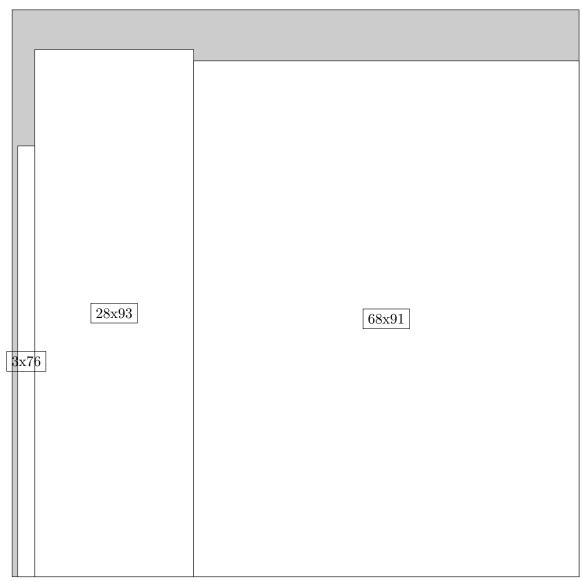




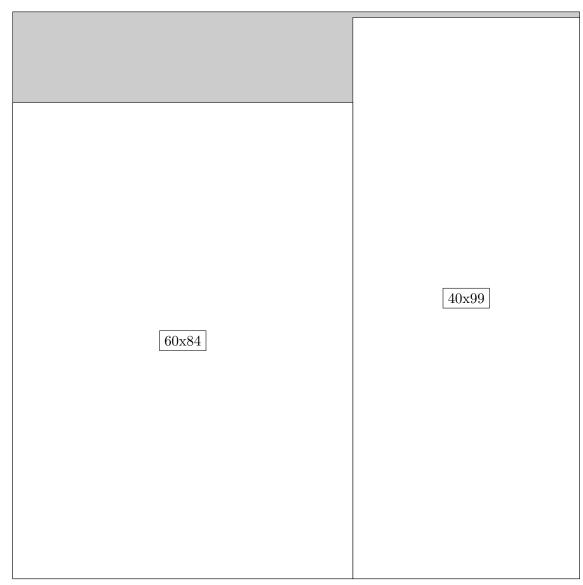
$$w = 9$$
, $h = 95$, $x = 91$, $y = 0$, $v = 855$
 $w = 91$, $h = 90$, $x = 0$, $y = 0$, $v = 8190$



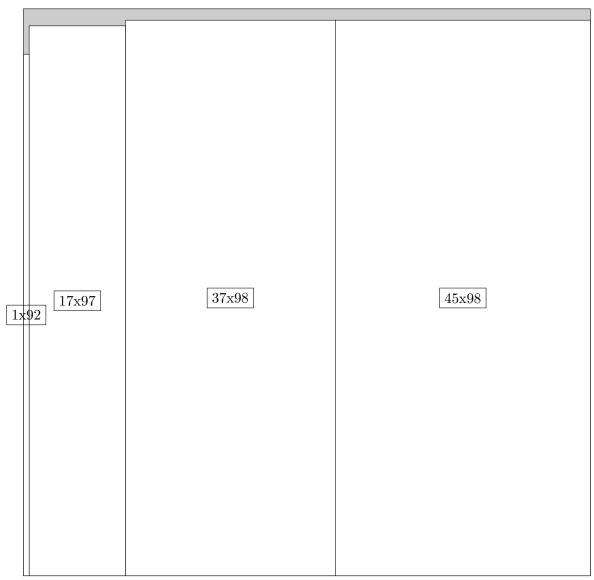
$$\begin{array}{l} w = \! 3 \ , \ h = \! 97 \ , \ x = \! 97 \ , \ y = \! 0 \ , \ v = \! 291 \\ w = \! 96 \ , \ h = \! 60 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 5760 \\ w = \! 78 \ , \ h = \! 40 \ , \ x = \! 19 \ , \ y = \! 60 \ , \ v = \! 3120 \end{array}$$



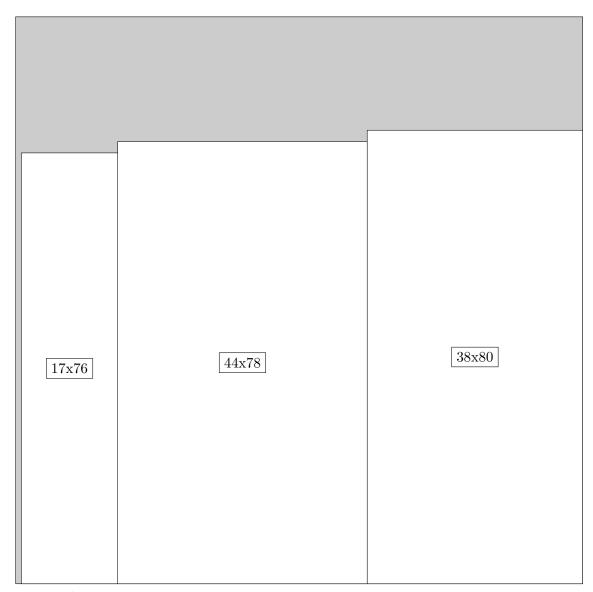
 $\begin{array}{l} w = \!68 \ , \ h = \!91 \ , \ x = \!32 \ , \ y = \!0 \ , \ v = \!6188 \\ w = \!28 \ , \ h = \!93 \ , \ x = \!4 \ , \ y = \!0 \ , \ v = \!2604 \\ w = \!3 \ , \ h = \!76 \ , \ x = \!1 \ , \ y = \!0 \ , \ v = \!228 \end{array}$



$$\begin{array}{l} w = \! 40 \ , \ h = \! 99 \ , \ x = \! 60 \ , \ y = \! 0 \ , \ v = \! 3960 \\ w = \! 60 \ , \ h = \! 84 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5040 \end{array}$$

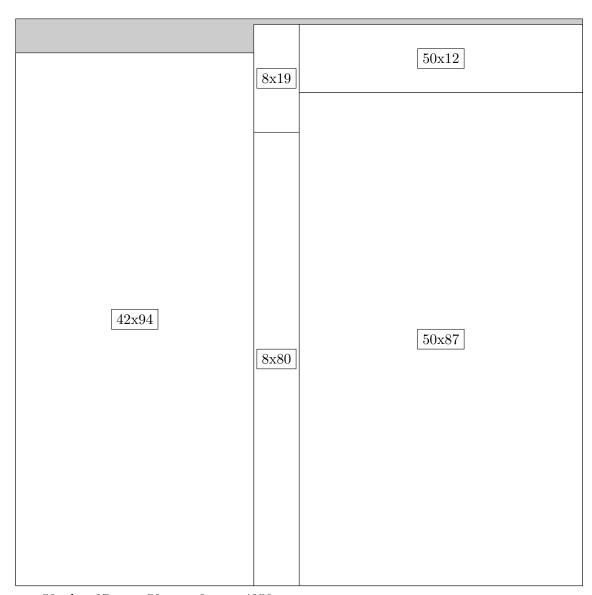


 $\begin{array}{l} w = \!\! 45 \ , \ h = \!\! 98 \ , \ x = \!\! 55 \ , \ y = \!\! 0 \ , \ v = \!\! 4410 \\ w = \!\! 37 \ , \ h = \!\! 98 \ , \ x = \!\! 18 \ , \ y = \!\! 0 \ , \ v = \!\! 3626 \\ w = \!\! 17 \ , \ h = \!\! 97 \ , \ x = \!\! 1 \ , \ y = \!\! 0 \ , \ v = \!\! 1649 \\ w = \!\! 1 \ , \ h = \!\! 92 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 92 \end{array}$

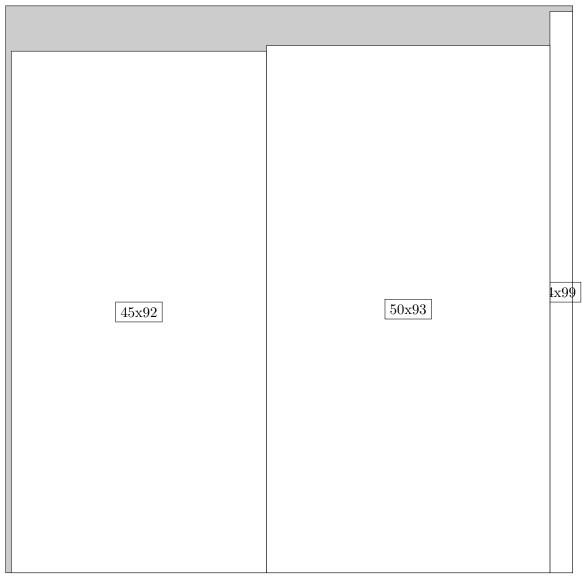


 $\begin{array}{l} w = \! 38 \ , \ h = \! 80 \ , \ x = \! 62 \ , \ y = \! 0 \ , \ v = \! 3040 \\ w = \! 44 \ , \ h = \! 78 \ , \ x = \! 18 \ , \ y = \! 0 \ , \ v = \! 3432 \end{array}$

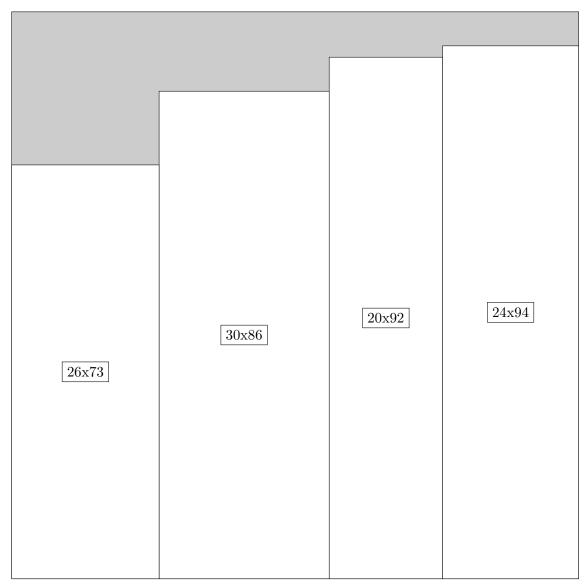
w = 17, h = 76, x = 1, y = 0, v = 1292



 $\begin{array}{l} w=50 \ , \ h=87 \ , \ x=50 \ , \ y=0 \ , \ v=4350 \\ w=50 \ , \ h=12 \ , \ x=50 \ , \ y=87 \ , \ v=600 \\ w=8 \ , \ h=80 \ , \ x=42 \ , \ y=0 \ , \ v=640 \\ w=8 \ , \ h=19 \ , \ x=42 \ , \ y=80 \ , \ v=152 \\ w=42 \ , \ h=94 \ , \ x=0 \ , \ y=0 \ , \ v=3948 \end{array}$



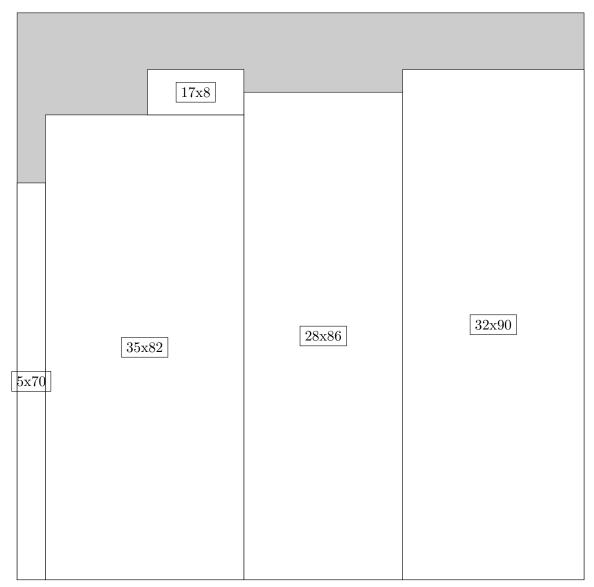
 $\begin{array}{l} w = \!\! 4 \ , \ h = \!\! 99 \ , \ x = \!\! 96 \ , \ y = \!\! 0 \ , \ v = \!\! 396 \\ w = \!\! 50 \ , \ h = \!\! 93 \ , \ x = \!\! 46 \ , \ y = \!\! 0 \ , \ v = \!\! 4650 \\ w = \!\! 45 \ , \ h = \!\! 92 \ , \ x = \!\! 1 \ , \ y = \!\! 0 \ , \ v = \!\! 4140 \end{array}$



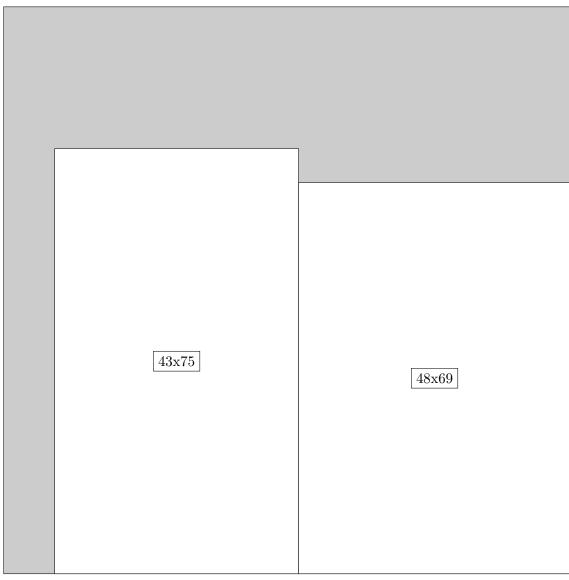
$$\begin{array}{l} w = \! 24 \ , \ h = \! 94 \ , \ x = \! 76 \ , \ y = \! 0 \ , \ v = \! 2256 \\ w = \! 20 \ , \ h = \! 92 \ , \ x = \! 56 \ , \ y = \! 0 \ , \ v = \! 1840 \end{array}$$

$$\le =30$$
 , h =
86 , x =
26 , y =
0 , v =
2580

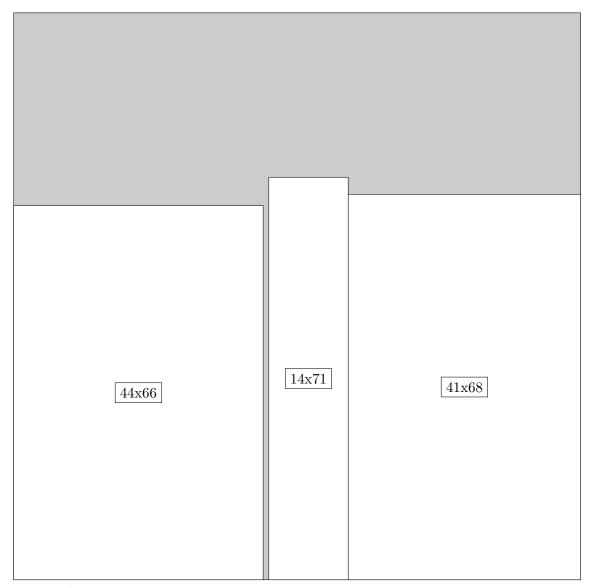
$$\mathbf{w}$$
 =26 , h =73 , x =0 , y =0 , v =1898



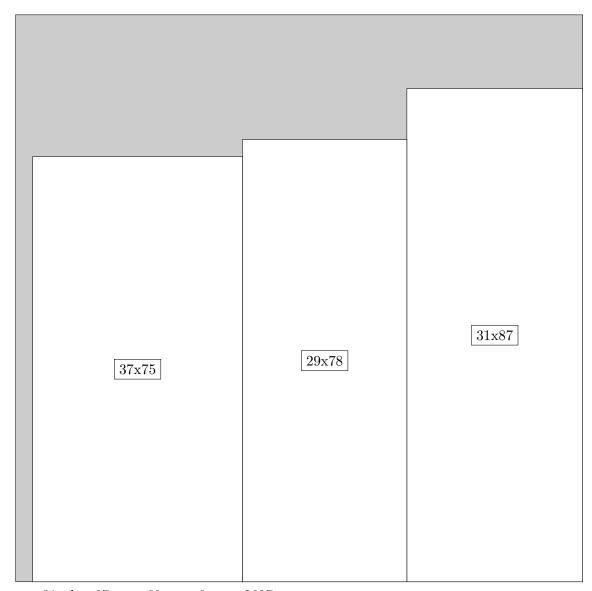
 $\begin{array}{l} w = & 32 \ , \ h = & 90 \ , \ x = & 68 \ , \ y = & 0 \ , \ v = & 2880 \\ w = & 28 \ , \ h = & 86 \ , \ x = & 40 \ , \ y = & 0 \ , \ v = & 2408 \\ w = & 35 \ , \ h = & 82 \ , \ x = & 5 \ , \ y = & 0 \ , \ v = & 2870 \\ w = & 17 \ , \ h = & 8 \ , \ x = & 23 \ , \ y = & 82 \ , \ v = & 136 \\ w = & 5 \ , \ h = & 70 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 350 \end{array}$



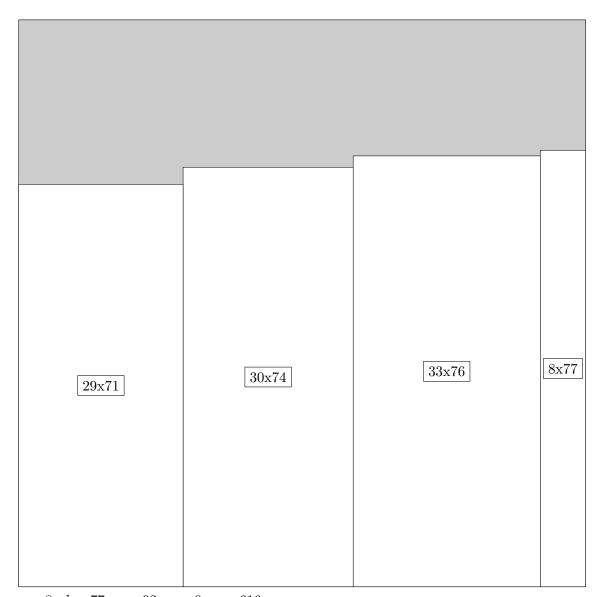
 $\begin{array}{l} w = \! 48 \ , \ h = \! 69 \ , \ x = \! 52 \ , \ y = \! 0 \ , \ v = \! 3312 \\ w = \! 43 \ , \ h = \! 75 \ , \ x = \! 9 \ , \ y = \! 0 \ , \ v = \! 3225 \end{array}$



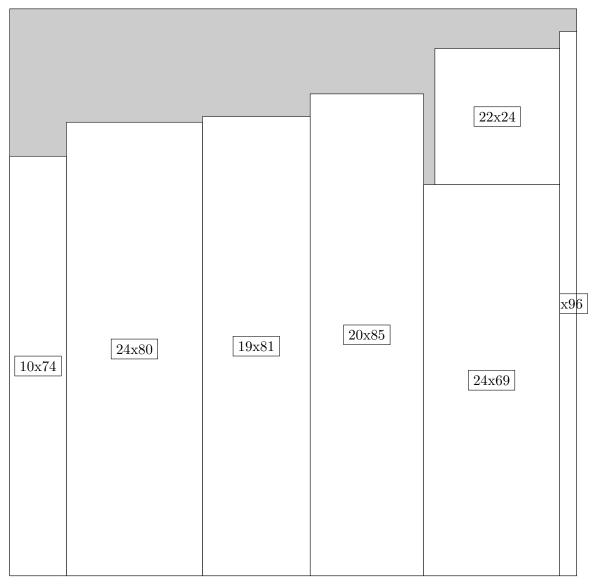
 $\begin{array}{l} w = & 41 \ , \ h = & 68 \ , \ x = & 59 \ , \ y = & 0 \ , \ v = & 2788 \\ w = & 14 \ , \ h = & 71 \ , \ x = & 45 \ , \ y = & 0 \ , \ v = & 994 \\ w = & 44 \ , \ h = & 66 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 2904 \end{array}$



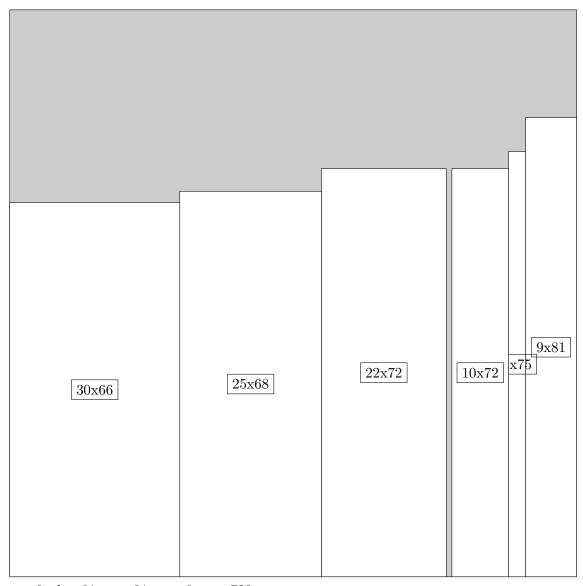
$$\begin{array}{l} w = & 31 \ , \ h = & 87 \ , \ x = & 69 \ , \ y = & 0 \ , \ v = & 2697 \\ w = & 29 \ , \ h = & 78 \ , \ x = & 40 \ , \ y = & 0 \ , \ v = & 2262 \\ w = & 37 \ , \ h = & 75 \ , \ x = & 3 \ , \ y = & 0 \ , \ v = & 2775 \end{array}$$



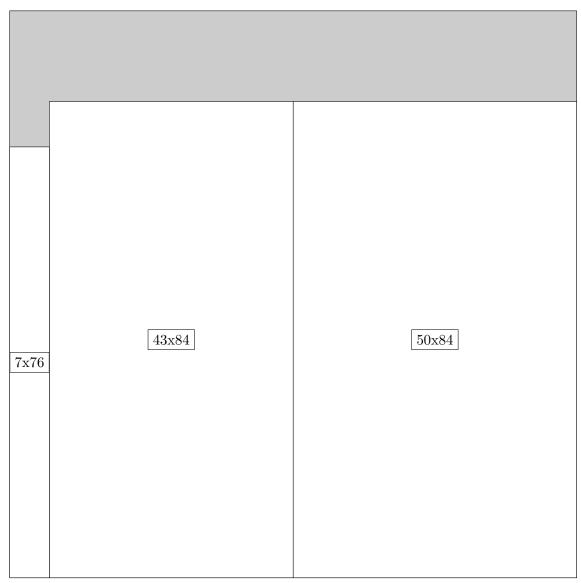
 $\begin{array}{l} w=8 \ , \ h=77 \ , \ x=92 \ , \ y=0 \ , \ v=616 \\ w=33 \ , \ h=76 \ , \ x=59 \ , \ y=0 \ , \ v=2508 \\ w=30 \ , \ h=74 \ , \ x=29 \ , \ y=0 \ , \ v=2220 \\ w=29 \ , \ h=71 \ , \ x=0 \ , \ y=0 \ , \ v=2059 \end{array}$



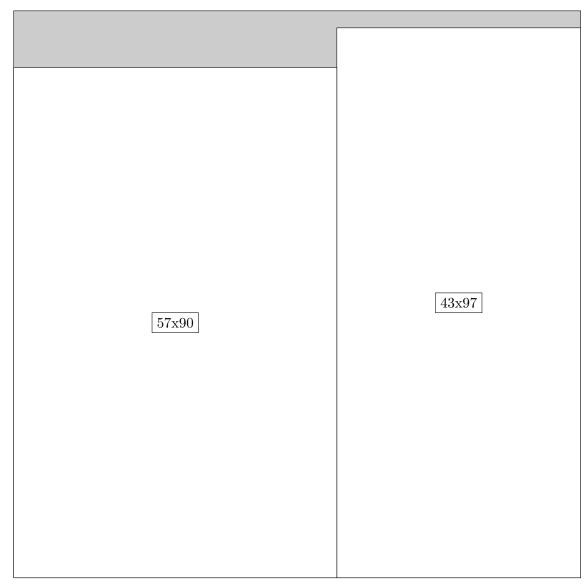
$$\begin{array}{l} w=3\ ,\ h=96\ ,\ x=97\ ,\ y=0\ ,\ v=288\\ w=24\ ,\ h=69\ ,\ x=73\ ,\ y=0\ ,\ v=1656\\ w=22\ ,\ h=24\ ,\ x=75\ ,\ y=69\ ,\ v=528\\ w=20\ ,\ h=85\ ,\ x=53\ ,\ y=0\ ,\ v=1700\\ w=19\ ,\ h=81\ ,\ x=34\ ,\ y=0\ ,\ v=1539\\ w=24\ ,\ h=80\ ,\ x=10\ ,\ y=0\ ,\ v=1920\\ w=10\ ,\ h=74\ ,\ x=0\ ,\ y=0\ ,\ v=740 \end{array}$$



 $\begin{array}{l} w=9\ ,\ h=81\ ,\ x=91\ ,\ y=0\ ,\ v=729\\ w=3\ ,\ h=75\ ,\ x=88\ ,\ y=0\ ,\ v=225\\ w=10\ ,\ h=72\ ,\ x=78\ ,\ y=0\ ,\ v=720\\ w=22\ ,\ h=72\ ,\ x=55\ ,\ y=0\ ,\ v=1584\\ w=25\ ,\ h=68\ ,\ x=30\ ,\ y=0\ ,\ v=1700\\ w=30\ ,\ h=66\ ,\ x=0\ ,\ y=0\ ,\ v=1980 \end{array}$



 $\begin{array}{l} w = \! 50 \ , \ h = \! 84 \ , \ x = \! 50 \ , \ y = \! 0 \ , \ v = \! 4200 \\ w = \! 43 \ , \ h = \! 84 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 3612 \\ w = \! 7 \ , \ h = \! 76 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 532 \end{array}$



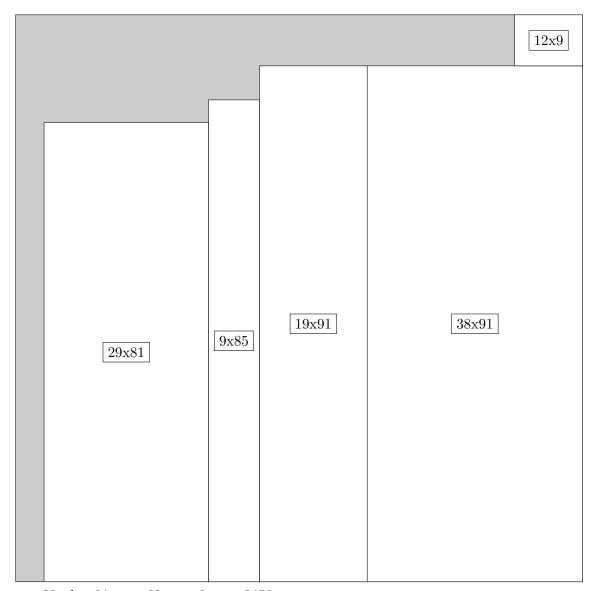
$$\begin{array}{l} w = \! 43 \ , \ h = \! 97 \ , \ x = \! 57 \ , \ y = \! 0 \ , \ v = \! 4171 \\ w = \! 57 \ , \ h = \! 90 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5130 \end{array}$$

13x67	31x67	41x67

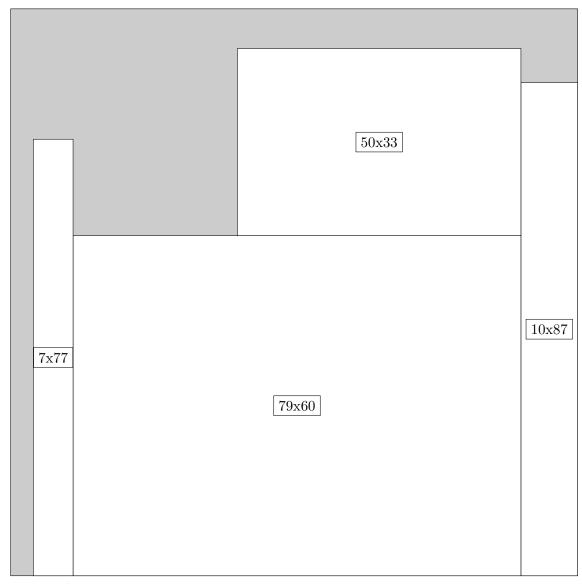
 $\le =41$, h=67 , x=59 , y=0 , v=2747

 $\le =31$, h=67 , x=28 , y=0 , v=2077

 $\le =13$, h =67 , x =15 , y =0 , v =871



 $\begin{array}{l} w = & 38 \ , \ h = & 91 \ , \ x = & 62 \ , \ y = & 0 \ , \ v = & 3458 \\ w = & 12 \ , \ h = & 9 \ , \ x = & 88 \ , \ y = & 91 \ , \ v = & 108 \\ w = & 19 \ , \ h = & 91 \ , \ x = & 43 \ , \ y = & 0 \ , \ v = & 1729 \\ w = & 9 \ , \ h = & 85 \ , \ x = & 34 \ , \ y = & 0 \ , \ v = & 765 \\ w = & 29 \ , \ h = & 81 \ , \ x = & 5 \ , \ y = & 0 \ , \ v = & 2349 \end{array}$



$$\le =10$$
 , $h=87$, $x=90$, $y=0$, $v=870$

$$w$$
 =79 , h =60 , x =11 , y =0 , v =4740

$$\le =50$$
 , h =33 , x =40 , y =60 , v =1650

$$\mathbf{w}$$
 =7 , h =77 , x =4 , y =0 , v =539