$ClassName: \ Class\_10.2bp-24$ 

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

TypeNum: <u>59</u> Num: <u>60</u> OutS: <u>80000</u> InS: <u>72107</u> Rate: <u>0.901</u>

UB: <u>8</u> LB0: <u>8</u> LB: 8

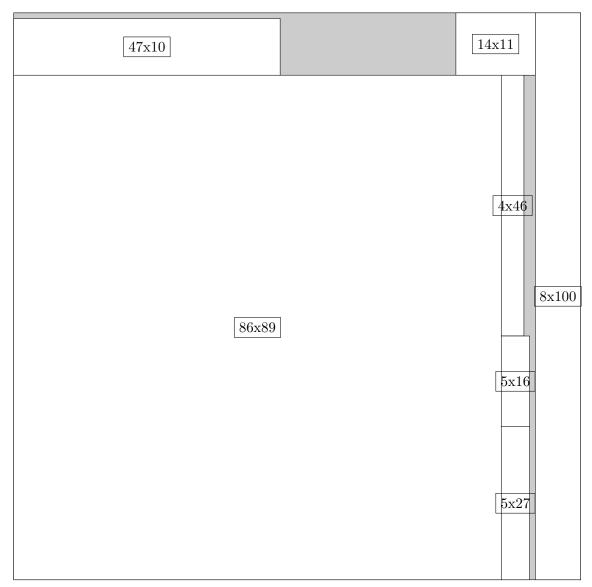
LBWithCut:  $\underline{\mathbf{8}}$  NodeCut:  $\underline{\mathbf{0}}$ 

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

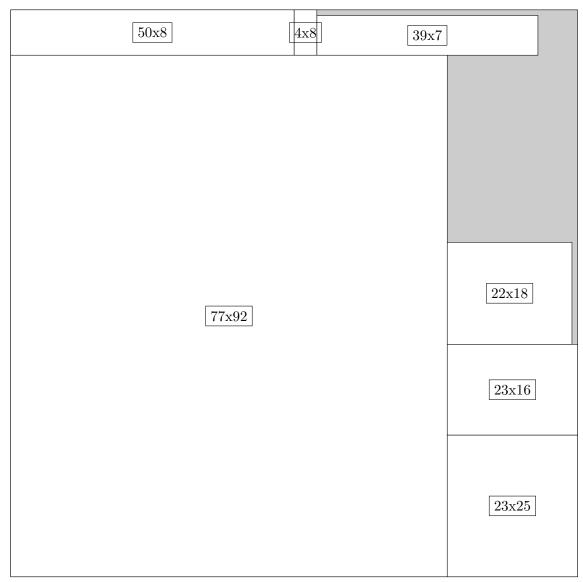
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{8}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

isOpt: **true** 

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.030 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.078 \ s} \\ {\rm TotalTime:} \ \underline{0.171 \ s} \end{array}$ 



 $\begin{array}{l} w = \! 86 \;, \; h = \! 89 \;, \; x = \! 0 \;, \; y = \! 0 \;, \; v = \! 7654 \\ w = \! 5 \;, \; h = \! 27 \;, \; x = \! 86 \;, \; y = \! 0 \;, \; v = \! 135 \\ w = \! 8 \;, \; h = \! 100 \;, \; x = \! 92 \;, \; y = \! 0 \;, \; v = \! 800 \\ w = \! 47 \;, \; h = \! 10 \;, \; x = \! 0 \;, \; y = \! 89 \;, \; v = \! 470 \\ w = \! 4 \;, \; h = \! 46 \;, \; x = \! 86 \;, \; y = \! 43 \;, \; v = \! 184 \\ w = \! 14 \;, \; h = \! 11 \;, \; x = \! 78 \;, \; y = \! 89 \;, \; v = \! 154 \\ w = \! 5 \;, \; h = \! 16 \;, \; x = \! 86 \;, \; y = \! 27 \;, \; v = \! 80 \end{array}$ 



$$\mathbf{w}$$
 =77 , h =92 , x =0 , y =0 , v =7084

$$\le =23$$
 , h =25 , x =77 , y =0 , v =575

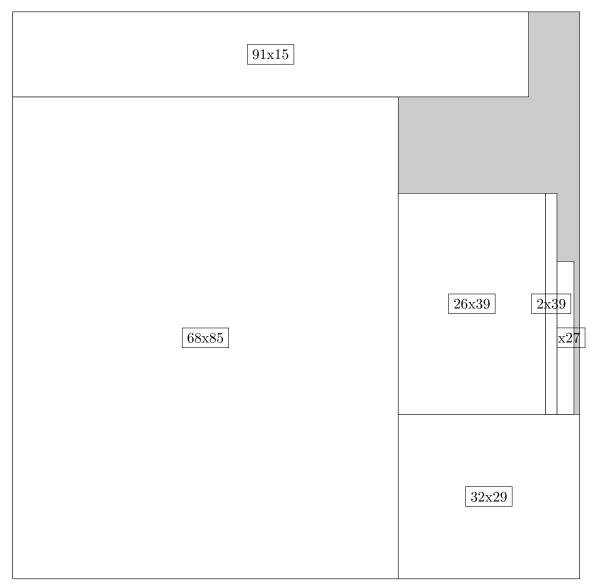
$$w = 50$$
,  $h = 8$ ,  $x = 0$ ,  $y = 92$ ,  $v = 400$ 

$$\le =22$$
 , h =18 , x =77 , y =41 , v =396

$$\le =23$$
 ,  $h=16$  ,  $x=77$  ,  $y=25$  ,  $v=368$ 

$$\le =39$$
 ,  $h=7$  ,  $x=54$  ,  $y=92$  ,  $v=273$ 

$$\mathbf{w}$$
 =4 , h =8 , x =  
50 , y =92 , v =32



$$w = 68$$
,  $h = 85$ ,  $x = 0$ ,  $y = 0$ ,  $v = 5780$ 

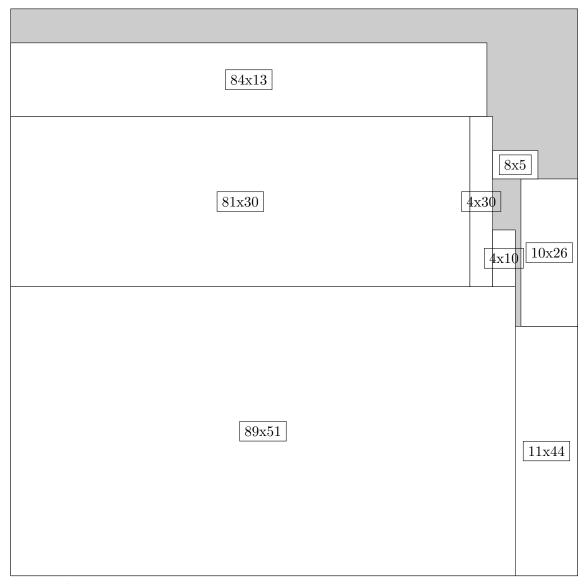
$$w=\!91$$
 ,  $h=\!15$  ,  $x=\!0$  ,  $y=\!85$  ,  $v=\!1365$ 

$$w$$
 =26 , h =39 , x =68 , y =29 , v =1014

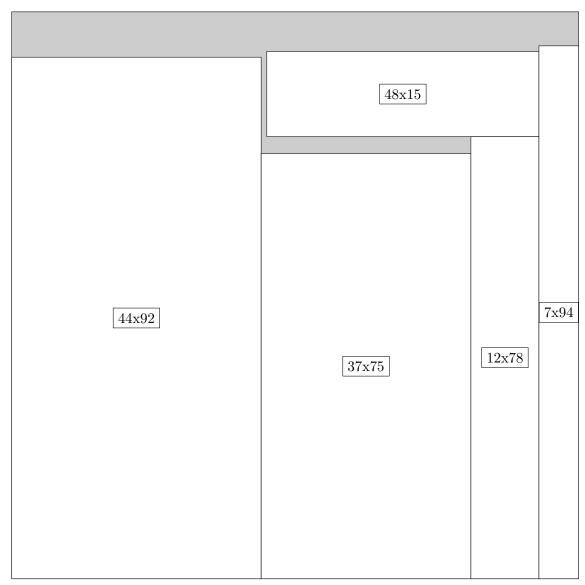
$$\le =32$$
 , h =29 , x =68 , y =0 , v =928

$$w=\!3$$
 ,  $h=\!27$  ,  $x=\!96$  ,  $y=\!29$  ,  $v=\!81$ 

$$w$$
 =2 , h =39 , x =94 , y =29 , v =78



```
\begin{array}{l} w=89\;,\; h=51\;,\; x=0\;,\; y=0\;,\; v=4539\\ w=81\;,\; h=30\;,\; x=0\;,\; y=51\;,\; v=2430\\ w=84\;,\; h=13\;,\; x=0\;,\; y=81\;,\; v=1092\\ w=11\;,\; h=44\;,\; x=89\;,\; y=0\;,\; v=484\\ w=10\;,\; h=26\;,\; x=90\;,\; y=44\;,\; v=260\\ w=4\;,\; h=30\;,\; x=81\;,\; y=51\;,\; v=120\\ w=8\;,\; h=5\;,\; x=85\;,\; y=70\;,\; v=40\\ w=4\;,\; h=10\;,\; x=85\;,\; y=51\;,\; v=40\\ \end{array}
```



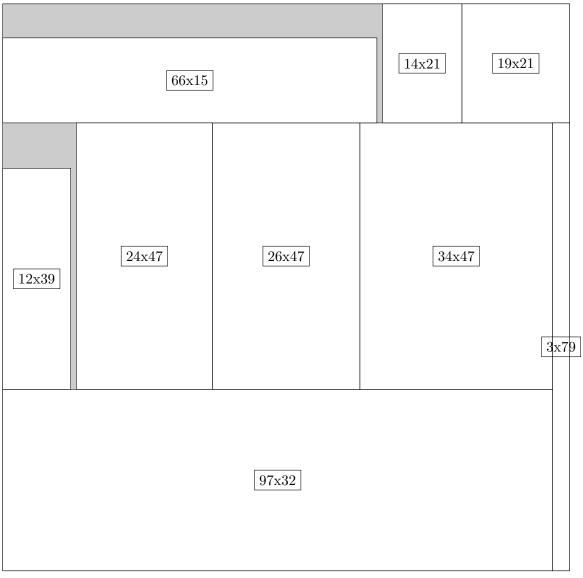
$$w = 44$$
,  $h = 92$ ,  $x = 0$ ,  $y = 0$ ,  $v = 4048$ 

$$\le =37$$
 , h =75 , x =44 , y =0 , v =2775

$$\le =12$$
 , h =78 , x =81 , y =0 , v =936

$$\mathbf{w}$$
 =48 , h =15 , x =45 , y =78 , v =720

$$w = 7$$
,  $h = 94$ ,  $x = 93$ ,  $y = 0$ ,  $v = 658$ 



$$w = 97$$
,  $h = 32$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3104$ 

$$w=\!34$$
 ,  $h=\!47$  ,  $x=\!63$  ,  $y=\!32$  ,  $v=\!1598$ 

$$w$$
 =26 ,  $h$  =47 ,  $x$  =37 ,  $y$  =32 ,  $v$  =1222

$$w = 66$$
,  $h = 15$ ,  $x = 0$ ,  $y = 79$ ,  $v = 990$ 

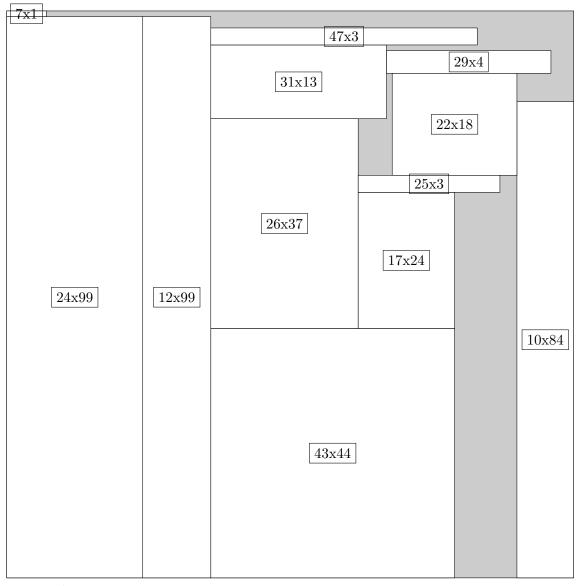
$$\le =12$$
 ,  $h=39$  ,  $x=0$  ,  $y=32$  ,  $v=468$ 

$$w$$
 =19 ,  $h$  =21 ,  $x$  =81 ,  $y$  =79 ,  $v$  =399

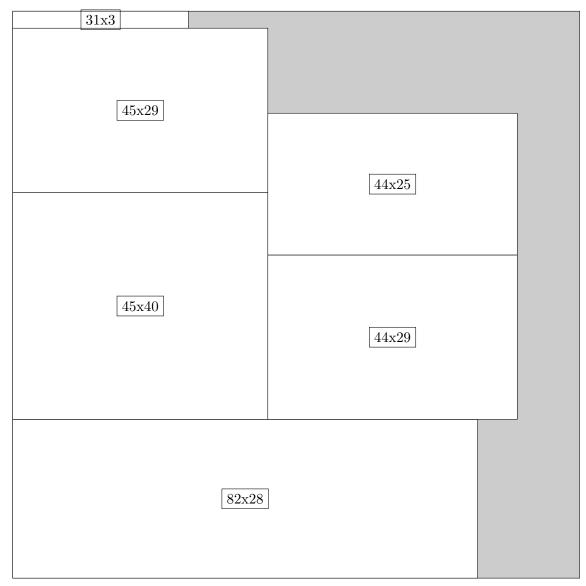
$$w=\!14$$
 ,  $h=\!21$  ,  $x=\!67$  ,  $y=\!79$  ,  $v=\!294$ 

$$w = 3$$
,  $h = 79$ ,  $x = 97$ ,  $y = 0$ ,  $v = 237$ 

$$w = 24$$
,  $h = 47$ ,  $x = 13$ ,  $y = 32$ ,  $v = 1128$ 



$$\begin{array}{l} w=24\;,\;h=99\;,\;x=0\;,\;y=0\;,\;v=2376\\ w=43\;,\;h=44\;,\;x=36\;,\;y=0\;,\;v=1892\\ w=12\;,\;h=99\;,\;x=24\;,\;y=0\;,\;v=1188\\ w=26\;,\;h=37\;,\;x=36\;,\;y=44\;,\;v=962\\ w=10\;,\;h=84\;,\;x=90\;,\;y=0\;,\;v=840\\ w=17\;,\;h=24\;,\;x=62\;,\;y=44\;,\;v=408\\ w=31\;,\;h=13\;,\;x=36\;,\;y=81\;,\;v=403\\ w=22\;,\;h=18\;,\;x=68\;,\;y=71\;,\;v=396\\ w=47\;,\;h=3\;,\;x=36\;,\;y=94\;,\;v=141\\ w=29\;,\;h=4\;,\;x=67\;,\;y=89\;,\;v=116\\ w=25\;,\;h=3\;,\;x=62\;,\;y=68\;,\;v=75\\ w=7\;,\;h=1\;,\;x=0\;,\;y=99\;,\;v=7\\ \end{array}$$



$$\le =82$$
 , h =28 , x =0 , y =0 , v =2296

$$\le =45$$
 ,  $h=\!40$  ,  $x=\!0$  ,  $y=\!28$  ,  $v=\!1800$ 

$$\le =45$$
 ,  $h=29$  ,  $x=0$  ,  $y=68$  ,  $v=1305$ 

$$w = 44$$
,  $h = 29$ ,  $x = 45$ ,  $y = 28$ ,  $v = 1276$ 

$$w=\!44$$
 ,  $h=\!25$  ,  $x=\!45$  ,  $y=\!57$  ,  $v=\!1100$ 

$$w=\!31$$
 ,  $h=\!3$  ,  $x=\!0$  ,  $y=\!97$  ,  $v=\!93$