$ClassName: \ Class_10.2bp\text{-}45$

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

TypeNum: <u>97</u> Num: <u>100</u> OutS: <u>130000</u> InS: <u>121589</u> Rate: <u>0.935</u> UB: <u>13</u> LB0: <u>13</u>

LBWithCut: $\underline{\mathbf{13}}$ NodeCut: $\underline{\mathbf{0}}$

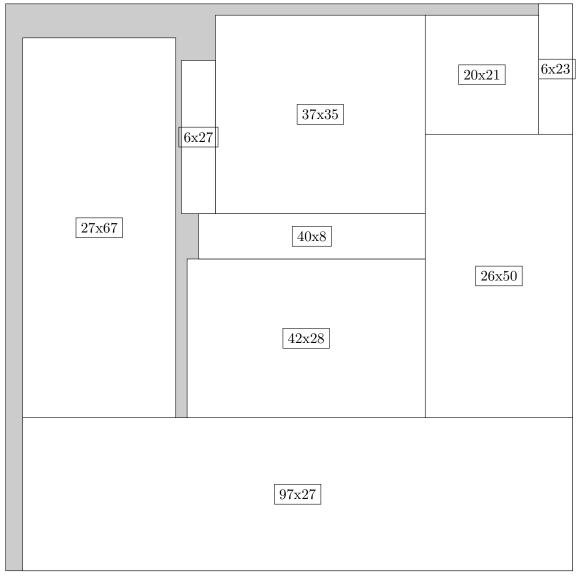
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{13}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

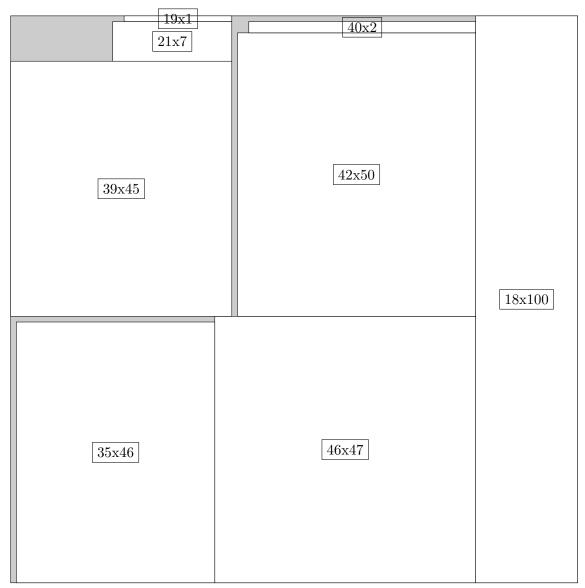
isOpt: $\underline{\mathbf{true}}$

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 600.328 s



```
\begin{array}{l} w=97\;,\; h=27\;,\; x=3\;,\; y=0\;,\; v=2619\\ w=26\;,\; h=50\;,\; x=74\;,\; y=27\;,\; v=1300\\ w=6\;,\; h=23\;,\; x=94\;,\; y=77\;,\; v=138\\ w=20\;,\; h=21\;,\; x=74\;,\; y=77\;,\; v=420\\ w=42\;,\; h=28\;,\; x=32\;,\; y=27\;,\; v=1176\\ w=40\;,\; h=8\;,\; x=34\;,\; y=55\;,\; v=320\\ w=37\;,\; h=35\;,\; x=37\;,\; y=63\;,\; v=1295\\ w=6\;,\; h=27\;,\; x=31\;,\; y=63\;,\; v=162\\ w=27\;,\; h=67\;,\; x=3\;,\; y=27\;,\; v=1809\\ \end{array}
```



$$w=\!18$$
 , $h=\!100$, $x=\!82$, $y=\!0$, $v=\!1800$

$$\mathbf{w}$$
 =46 , h =47 , x =36 , y =0 , v =2162

$$\le =35$$
 , h =46 , x =1 , y =0 , v =1610

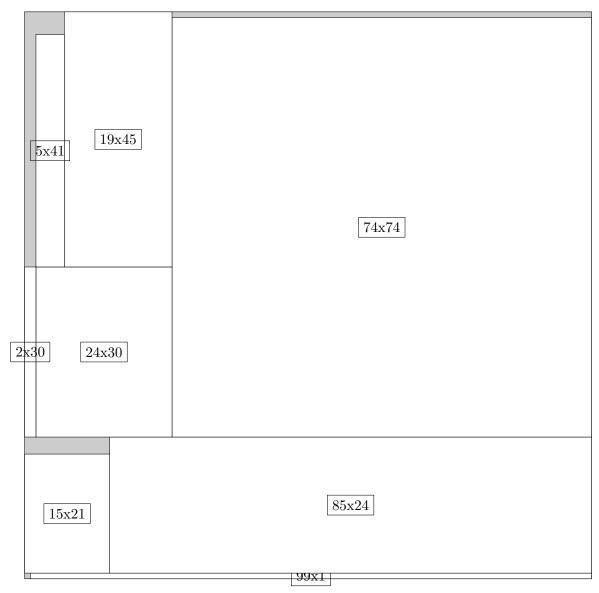
$$\le =42$$
 , h =50 , x =40 , y =47 , v =2100

$$w$$
 =40 , h =2 , x =42 , y =97 , v =80

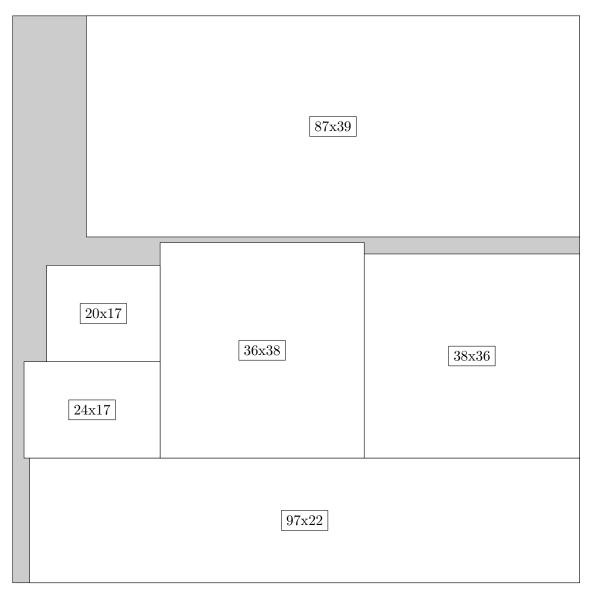
$$\le =39$$
 , h =45 , x =0 , y =47 , v =1755

$$\le =21$$
 , h =7 , x =18 , y =92 , v =147

$$w = 19$$
, $h = 1$, $x = 20$, $y = 99$, $v = 19$



$$\begin{array}{l} w=99\;,\; h=1\;,\; x=1\;,\; y=0\;,\; v=99\\ w=85\;,\; h=24\;,\; x=15\;,\; y=1\;,\; v=2040\\ w=15\;,\; h=21\;,\; x=0\;,\; y=1\;,\; v=315\\ w=74\;,\; h=74\;,\; x=26\;,\; y=25\;,\; v=5476\\ w=24\;,\; h=30\;,\; x=2\;,\; y=25\;,\; v=720\\ w=2\;,\; h=30\;,\; x=0\;,\; y=25\;,\; v=60\\ w=19\;,\; h=45\;,\; x=7\;,\; y=55\;,\; v=855\\ w=5\;,\; h=41\;,\; x=2\;,\; y=55\;,\; v=205\\ \end{array}$$



$$\le =97$$
 , h =22 , x =3 , y =0 , v =2134

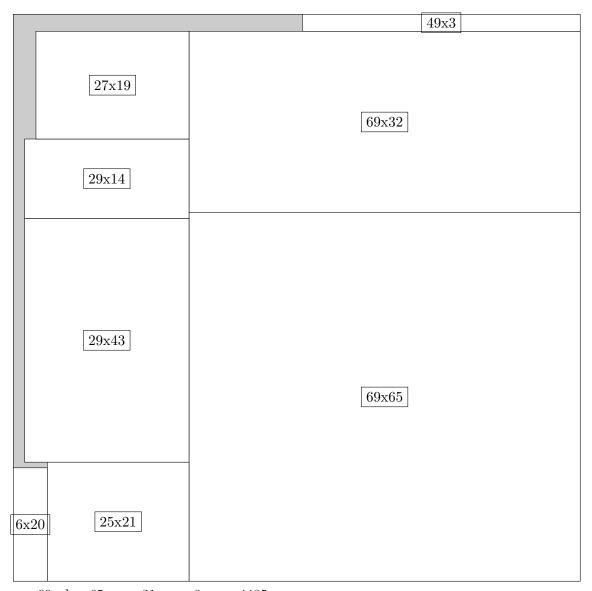
$$w=\!38$$
 , $h=\!36$, $x=\!62$, $y=\!22$, $v=\!1368$

$$\le =36$$
 , h =38 , x =26 , y =22 , v =1368

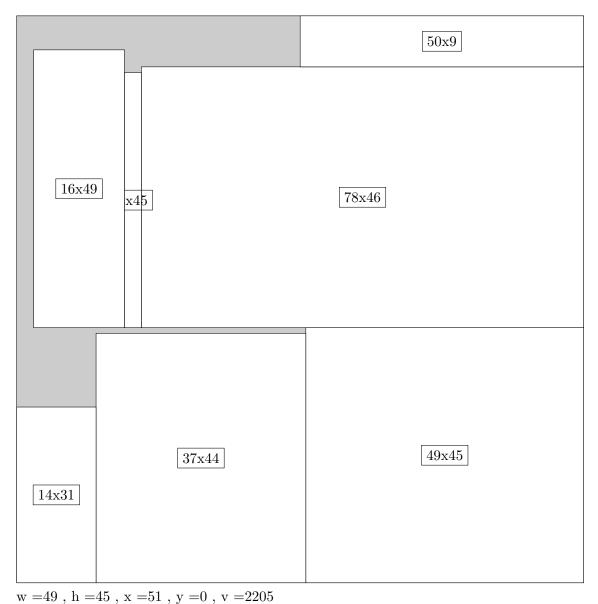
$$\mathbf{w}$$
 =24 , h =17 , x =2 , y =22 , v =408

$$\le =20$$
 , h =17 , x =6 , y =39 , v =340

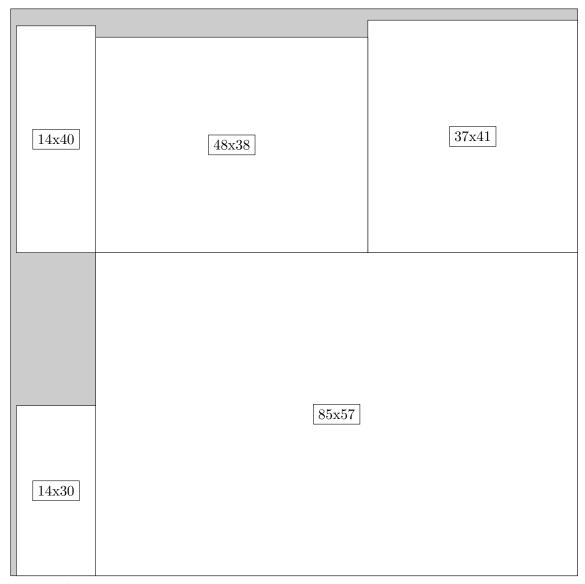
$$w$$
 =87 , h =39 , x =13 , y =61 , v =3393



$$\begin{array}{l} w=69\;,\; h=65\;,\; x=31\;,\; y=0\;,\; v=4485\\ w=69\;,\; h=32\;,\; x=31\;,\; y=65\;,\; v=2208\\ w=49\;,\; h=3\;,\; x=51\;,\; y=97\;,\; v=147\\ w=25\;,\; h=21\;,\; x=6\;,\; y=0\;,\; v=525\\ w=6\;,\; h=20\;,\; x=0\;,\; y=0\;,\; v=120\\ w=29\;,\; h=43\;,\; x=2\;,\; y=21\;,\; v=1247\\ w=29\;,\; h=14\;,\; x=2\;,\; y=64\;,\; v=406\\ w=27\;,\; h=19\;,\; x=4\;,\; y=78\;,\; v=513\\ \end{array}$$



w =16 , h =49 , x =3 , y =45 , v =784



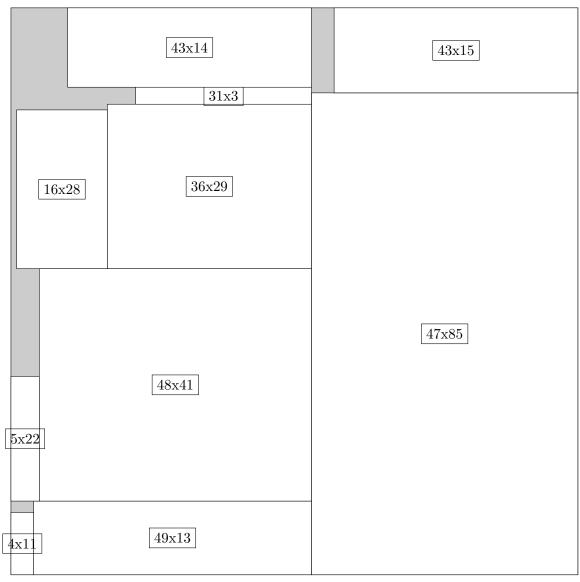
$$\le =85$$
 , h =57 , x =15 , y =0 , v =4845

$$\le =14$$
 , $h=30$, $x=1$, $y=0$, $v=\!\!420$

$$\le =37$$
 , h =41 , x =63 , y =57 , v =1517

$$\le =48$$
 , h =38 , x =15 , y =57 , v =1824

$$w = 14$$
, $h = 40$, $x = 1$, $y = 57$, $v = 560$



$$w = 47$$
, $h = 85$, $x = 53$, $y = 0$, $v = 3995$

$$w$$
 =43 , h =15 , x =57 , y =85 , v =645

$$w = 49$$
, $h = 13$, $x = 4$, $y = 0$, $v = 637$

$$w = 4$$
, $h = 11$, $x = 0$, $y = 0$, $v = 44$

$$\mathbf{w}$$
 =48 , h =41 , x =5 , y =13 , v =1968

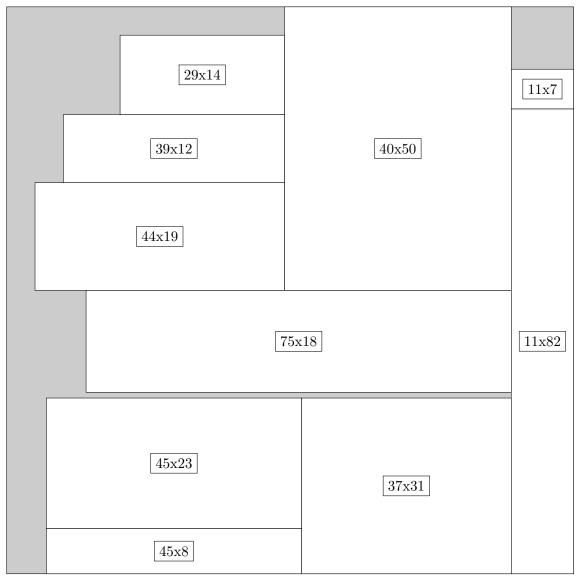
$$w$$
 =5 , h =22 , x =0 , y =13 , v =110

$$w = 36$$
, $h = 29$, $x = 17$, $y = 54$, $v = 1044$

$$w = 31$$
, $h = 3$, $x = 22$, $y = 83$, $v = 93$

$$w = 16$$
, $h = 28$, $x = 1$, $y = 54$, $v = 448$

$$w=\!43$$
 , $h=\!14$, $x=\!10$, $y=\!86$, $v=\!602$



$$w = 11$$
 , $h = 82$, $x = 89$, $y = 0$, $v = 902$

$$w = 11$$
, $h = 7$, $x = 89$, $y = 82$, $v = 77$

$$w=\!37$$
 , $h=\!31$, $x=\!52$, $y=\!0$, $v=\!1147$

$$w = 45$$
, $h = 8$, $x = 7$, $y = 0$, $v = 360$

$$\le =45$$
 , h =23 , x =7 , y =8 , v =1035

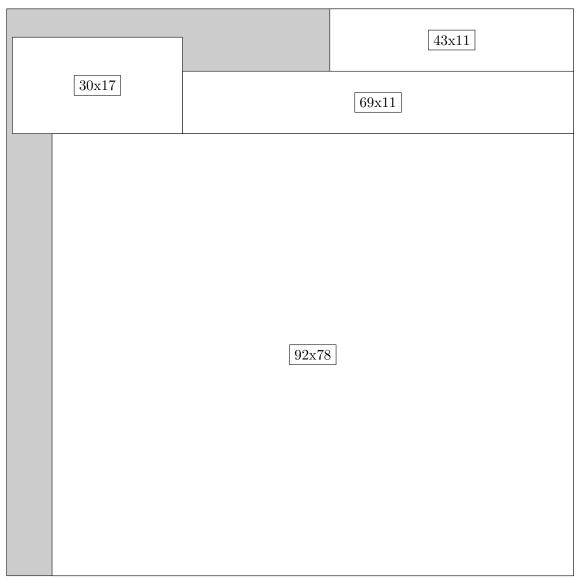
$$w$$
 =75 , h =18 , x =14 , y =32 , v =1350

$$w = 40$$
, $h = 50$, $x = 49$, $y = 50$, $v = 2000$

$$w = 44$$
, $h = 19$, $x = 5$, $y = 50$, $v = 836$

$$w = 39$$
, $h = 12$, $x = 10$, $y = 69$, $v = 468$

$$w=\!29$$
 , $h=\!14$, $x=\!20$, $y=\!81$, $v=\!406$

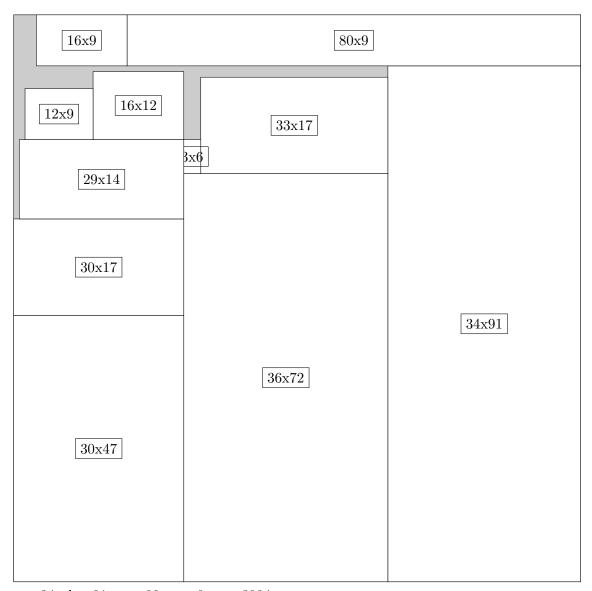


$$\le =92$$
 , h =78 , x =8 , y =0 , v =7176

$$\le =69$$
 , h =11 , x =31 , y =78 , v =759

$$\le =43$$
 , h =11 , x =57 , y =89 , v =473

$$w$$
 =30 , h =17 , x =1 , y =78 , v =510



$$w=34$$
 , $h=91$, $x=66$, $y=0$, $v=3094$

$$w = 36$$
, $h = 72$, $x = 30$, $y = 0$, $v = 2592$

$$w=\!33$$
 , $h=\!17$, $x=\!33$, $y=\!72$, $v=\!561$

$$w = 3$$
, $h = 6$, $x = 30$, $y = 72$, $v = 18$

$$w = 30$$
, $h = 47$, $x = 0$, $y = 0$, $v = 1410$

$$\le =30$$
 , $h=17$, $x=0$, $y=47$, $v=510$

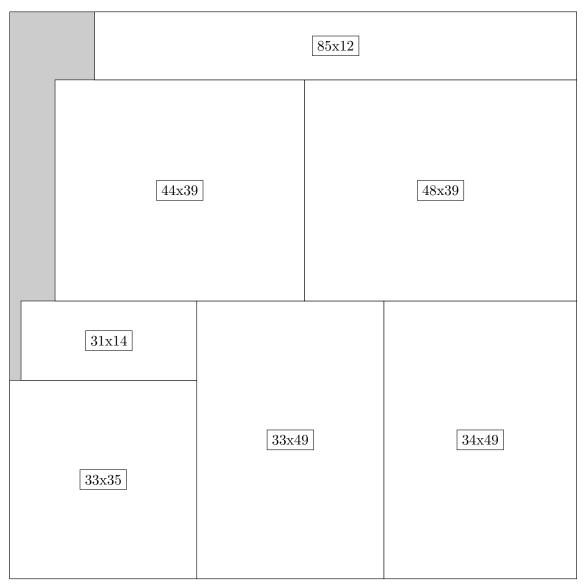
$$w = 29$$
, $h = 14$, $x = 1$, $y = 64$, $v = 406$

$$w = 16$$
, $h = 12$, $x = 14$, $y = 78$, $v = 192$

$$w = 12$$
, $h = 9$, $x = 2$, $y = 78$, $v = 108$

$$w = 80$$
, $h = 9$, $x = 20$, $y = 91$, $v = 720$

$$\mathbf{w}$$
 =16 , h =9 , x =4 , y =91 , v =144



$$w=\!34$$
 , $h=\!49$, $x=\!66$, $y=\!0$, $v=\!1666$

$$\le =33$$
 , $\ge =35$, $\ge =0$, $\ge =0$, $\ge =1155$

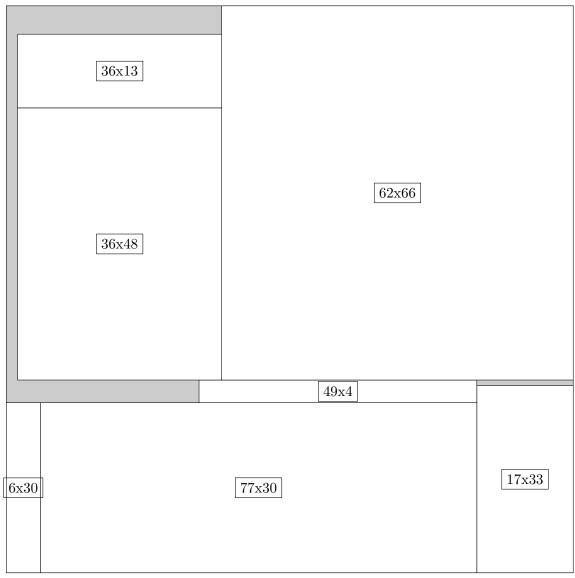
$$\mathbf{w}$$
 =31 , h =14 , x =2 , y =35 , v =434

$$\le =48$$
 , h =39 , x =52 , y =49 , v =1872

$$w = 44$$
, $h = 39$, $x = 8$, $y = 49$, $v = 1716$

$$w = 85$$
, $h = 12$, $x = 15$, $y = 88$, $v = 1020$

 $w=\!33$, $h=\!49$, $x=\!33$, $y=\!0$, $v=\!1617$



$$\le =17$$
 , h =33 , x =83 , y =0 , v =561

$$\mathbf{w}$$
 =77 , h =30 , x =6 , y =0 , v =2310

$$\le =49$$
 , h =4 , x =34 , y =30 , v =196

$$\mathbf{w}$$
 =6 , h =30 , x =0 , y =0 , v =180

$$\le =62$$
 , $h=66$, $x=38$, $y=34$, $v=4092$

$$\le =36$$
 , $h=48$, $x=2$, $y=34$, $v=1728$

$$\le =36$$
 , $h=13$, $x=2$, $y=82$, $v=468$