${\bf ClassName:}~{\bf Class_06.2bp\text{-}30}$

BinSize: 300×300 ReduceSize: 300×300

TypeNum: 80Num: 80OutS: 270000InS: 190251Rate: 0.705

UB: <u>3</u> LB0: <u>3</u> LB: **3**

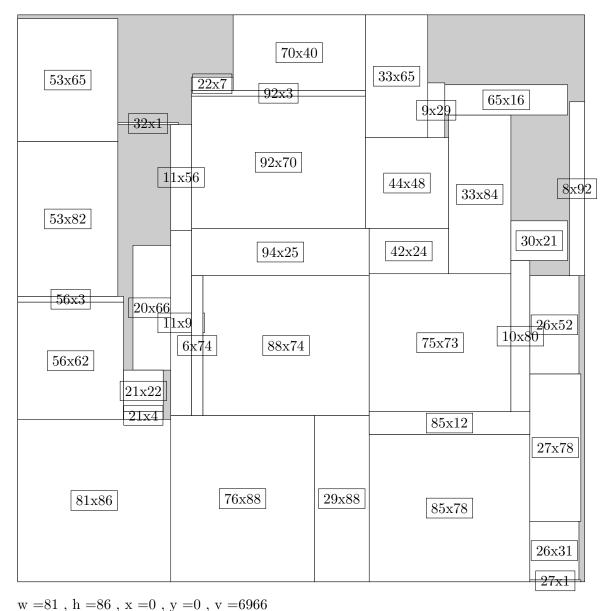
LBWithCut: $\underline{\mathbf{3}}$ NodeCut: $\underline{\mathbf{0}}$

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

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{3}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.020 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.078 \ s} \\ {\rm TotalTime:} \ \underline{0.161 \ s} \end{array}$



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w = 51 , h = 86 , x = 0 , y = 0 , v = 6966

w = 76 , h = 88 , x = 81 , y = 0 , v = 6688

w = 85 , h = 78 , x = 186 , y = 0 , v = 6630

w = 88 , h = 74 , x = 98 , y = 88 , v = 6512

w = 92 , h = 70 , x = 92 , y = 187 , v = 6440

w = 56 , h = 62 , x = 0 , y = 86 , v = 3472

w = 75 , h = 73 , x = 186 , y = 90 , v = 5475

w = 53 , h = 82 , x = 0 , y = 151 , v = 4346

w = 53 , h = 65 , x = 0 , y = 233 , v = 3445

w = 70 , h = 40 , x = 114 , y = 260 , v = 2800

w = 33 , h = 84 , x = 228 , y = 163 , v = 2772

w = 29 , h = 88 , x = 157 , y = 0 , v = 2552

w = 94 , h = 25 , x = 92 , y = 162 , v = 2350

w = 33 , h = 65 , x = 184 , y = 235 , v = 2145

w = 44 , h = 48 , x = 184 , y = 187 , v = 2112

w = 27 , h = 78 , x = 271 , y = 32 , v = 2106
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w=26 , h=\!52 , x=\!271 , y=\!110 , v=\!1352
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$$w = 20$$
, $h = 66$, $x = 61$, $y = 112$, $v = 1320$

$$w = 11$$
, $h = 98$, $x = 81$, $y = 88$, $v = 1078$

$$w = 65$$
, $h = 16$, $x = 226$, $y = 247$, $v = 1040$

$$w = 85$$
, $h = 12$, $x = 186$, $y = 78$, $v = 1020$

$$w = 42$$
, $h = 24$, $x = 186$, $y = 163$, $v = 1008$

$$w = 26$$
, $h = 31$, $x = 271$, $y = 1$, $v = 806$

$$w = 10$$
, $h = 80$, $x = 261$, $y = 90$, $v = 800$

$$w = 8$$
, $h = 92$, $x = 292$, $y = 162$, $v = 736$

$$w = 30$$
, $h = 21$, $x = 261$, $y = 170$, $v = 630$

$$w = 11$$
, $h = 56$, $x = 81$, $y = 186$, $v = 616$

$$w = 21$$
, $h = 22$, $x = 56$, $y = 90$, $v = 462$

$$w = 6$$
, $h = 74$, $x = 92$, $y = 88$, $v = 444$

$$w = 92$$
, $h = 3$, $x = 92$, $y = 257$, $v = 276$

$$w = 9$$
, $h = 29$, $x = 217$, $y = 235$, $v = 261$

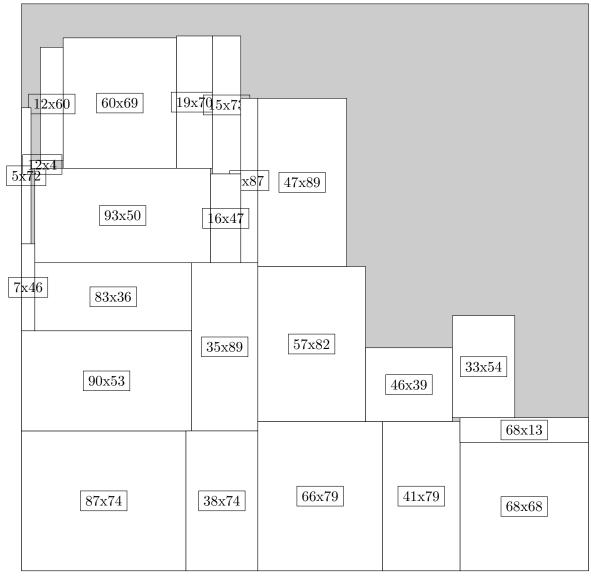
$$w = 56$$
, $h = 3$, $x = 0$, $y = 148$, $v = 168$

$$w = 22$$
, $h = 7$, $x = 92$, $y = 260$, $v = 154$

$$w = 21$$
, $h = 4$, $x = 56$, $y = 86$, $v = 84$

$$\le =32$$
 , $h=1$, $x=53$, $y=242$, $v=32$

$$w = 27$$
, $h = 1$, $x = 271$, $y = 0$, $v = 27$



```
w = 87, h = 74, x = 0, y = 0, v = 6438
```

$$\le =66$$
 , h =79 , x =125 , y =0 , v =5214

$$\le =90$$
 , h =53 , x =0 , y =74 , v =4770

$$w = 57$$
, $h = 82$, $x = 125$, $y = 79$, $v = 4674$

$$w = 93$$
, $h = 50$, $x = 7$, $y = 163$, $v = 4650$

$$w = 68$$
, $h = 68$, $x = 232$, $y = 0$, $v = 4624$

$$w = 47$$
, $h = 89$, $x = 125$, $y = 161$, $v = 4183$

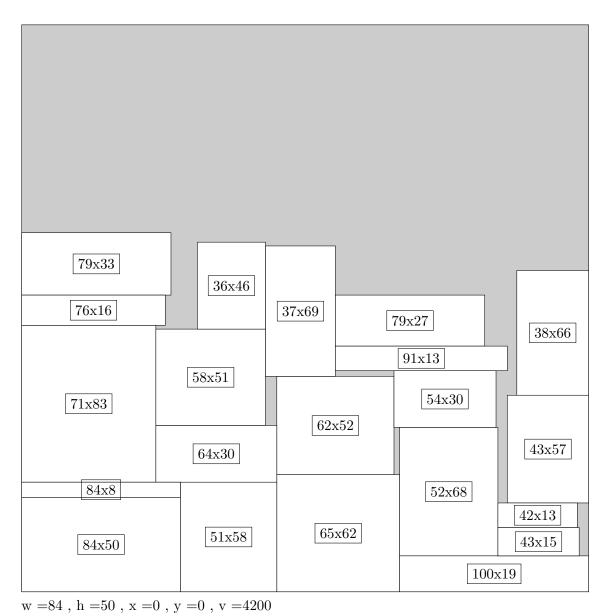
$$w = 60$$
, $h = 69$, $x = 22$, $y = 213$, $v = 4140$

$$w = 83$$
, $h = 36$, $x = 7$, $y = 127$, $v = 2988$

$$w = 46$$
, $h = 39$, $x = 182$, $y = 79$, $v = 1794$

$$\le =33$$
 , h =54 , x =228 , y =81 , v =1782

 $\begin{array}{l} w=68\;,\; h=13\;,\; x=232\;,\; y=68\;,\; v=884\\ w=9\;,\; h=87\;,\; x=116\;,\; y=163\;,\; v=783\\ w=16\;,\; h=47\;,\; x=100\;,\; y=163\;,\; v=752\\ w=12\;,\; h=60\;,\; x=10\;,\; y=217\;,\; v=720\\ w=5\;,\; h=72\;,\; x=0\;,\; y=173\;,\; v=360\\ w=7\;,\; h=46\;,\; x=0\;,\; y=127\;,\; v=322\\ w=12\;,\; h=4\;,\; x=5\;,\; y=213\;,\; v=48 \end{array}$



```
\begin{array}{l} w=65 \;, h=62 \;, x=135 \;, y=0 \;, v=4030 \\ w=52 \;, h=68 \;, x=200 \;, y=19 \;, v=3536 \\ w=71 \;, h=83 \;, x=0 \;, y=58 \;, v=5893 \\ w=62 \;, h=52 \;, x=135 \;, y=62 \;, v=3224 \\ w=58 \;, h=51 \;, x=71 \;, y=88 \;, v=2958 \\ w=51 \;, h=58 \;, x=84 \;, y=0 \;, v=2958 \\ w=79 \;, h=33 \;, x=0 \;, y=157 \;, v=2607 \\ w=37 \;, h=69 \;, x=129 \;, y=114 \;, v=2553 \\ w=38 \;, h=66 \;, x=262 \;, y=104 \;, v=2508 \\ w=43 \;, h=57 \;, x=257 \;, y=47 \;, v=2451 \\ w=79 \;, h=27 \;, x=166 \;, y=130 \;, v=2133 \\ w=64 \;, h=30 \;, x=71 \;, y=58 \;, v=1920 \\ w=100 \;, h=19 \;, x=200 \;, y=0 \;, v=1900 \\ w=36 \;, h=46 \;, x=93 \;, y=139 \;, v=1656 \\ \end{array}
```

w = 54, h = 30, x = 197, y = 87, v = 1620

 ≤ -76 , h = 16 , x = 0 , y = 141 , v = 1216

 $\le =91$, h =13 , x =166 , y =117 , v =1183

 $\le =84$, h =8 , x =0 , y =50 , v =672

 \mathbf{w} =43 , \mathbf{h} =15 , \mathbf{x} =252 , \mathbf{y} =19 , \mathbf{v} =645

 $\le =42$, h =13 , x =252 , y =34 , v =546