$ClassName: \ Class\_06.2bp\text{-}35$ 

BinSize:  $300 \times 300$ ReduceSize:  $300 \times 300$ 

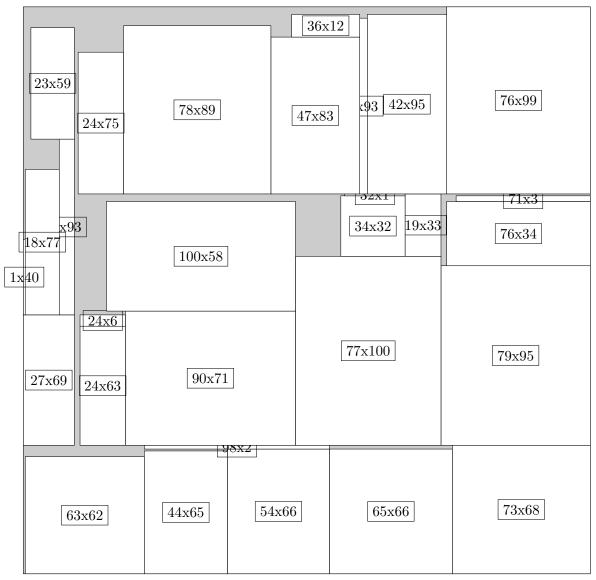
TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>270000</u> InS: <u>215710</u> Rate: <u>0.799</u>

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

LBWithCut:  $\underline{\mathbf{3}}$  NodeCount:  $\underline{\mathbf{0}}$  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:  $\underline{\mathbf{true}}$ 

 $\begin{array}{ll} \text{TimeOnPrimal: } \underline{0.000 \text{ s}} \\ \text{TimeOnPricing: } \underline{0.000 \text{ s}} \\ \text{TimeOnRmp: } \underline{0.063 \text{ s}} \\ \text{TotalTime: } \underline{0.219 \text{ s}} \end{array}$ 



```
w = 73, h = 68, x = 227, y = 0, v = 4964
```

$$w = 65$$
,  $h = 66$ ,  $x = 162$ ,  $y = 0$ ,  $v = 4290$ 

$$w = 54$$
,  $h = 66$ ,  $x = 108$ ,  $y = 0$ ,  $v = 3564$ 

$$w = 44$$
,  $h = 65$ ,  $x = 64$ ,  $y = 0$ ,  $v = 2860$ 

$$w = 63$$
,  $h = 62$ ,  $x = 1$ ,  $y = 0$ ,  $v = 3906$ 

$$w = 98$$
,  $h = 2$ ,  $x = 64$ ,  $y = 66$ ,  $v = 196$ 

$$w = 79$$
,  $h = 95$ ,  $x = 221$ ,  $y = 68$ ,  $v = 7505$ 

$$w = 76$$
,  $h = 34$ ,  $x = 224$ ,  $y = 163$ ,  $v = 2584$ 

$$w = 71$$
,  $h = 3$ ,  $x = 229$ ,  $y = 197$ ,  $v = 213$ 

$$w = 77$$
,  $h = 100$ ,  $x = 144$ ,  $y = 68$ ,  $v = 7700$ 

$$w = 19$$
,  $h = 33$ ,  $x = 202$ ,  $y = 168$ ,  $v = 627$ 

$$w = 34$$
,  $h = 32$ ,  $x = 168$ ,  $y = 168$ ,  $v = 1088$ 

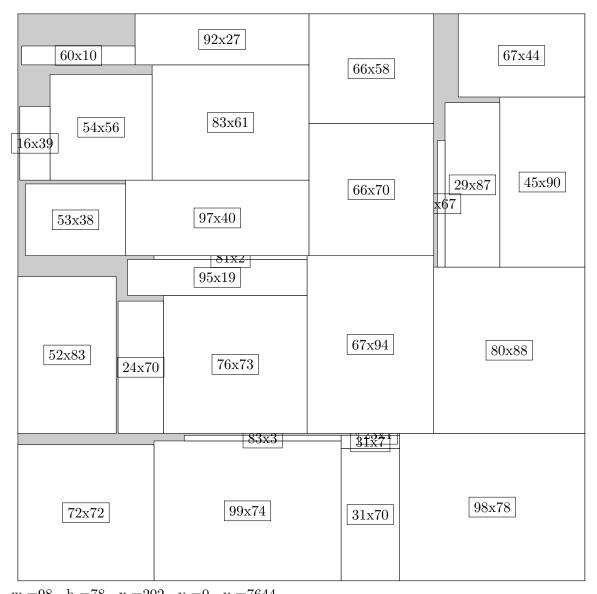
$$w = 32$$
,  $h = 1$ ,  $x = 170$ ,  $y = 200$ ,  $v = 32$ 

$$w = 90$$
,  $h = 71$ ,  $x = 54$ ,  $y = 68$ ,  $v = 6390$ 

$$w = 24$$
,  $h = 63$ ,  $x = 30$ ,  $y = 68$ ,  $v = 1512$ 

$$w = 24$$
,  $h = 6$ ,  $x = 30$ ,  $y = 131$ ,  $v = 144$ 

```
\begin{array}{l} w=100\;,\; h=58\;,\; x=44\;,\; y=139\;,\; v=5800\\ w=76\;,\; h=99\;,\; x=224\;,\; y=201\;,\; v=7524\\ w=42\;,\; h=95\;,\; x=182\;,\; y=201\;,\; v=3990\\ w=4\;,\; h=93\;,\; x=178\;,\; y=201\;,\; v=372\\ w=47\;,\; h=83\;,\; x=131\;,\; y=201\;,\; v=3901\\ w=36\;,\; h=12\;,\; x=142\;,\; y=284\;,\; v=432\\ w=78\;,\; h=89\;,\; x=53\;,\; y=201\;,\; v=6942\\ w=24\;,\; h=75\;,\; x=29\;,\; y=201\;,\; v=1800\\ w=27\;,\; h=69\;,\; x=0\;,\; y=68\;,\; v=1863\\ w=8\;,\; h=93\;,\; x=19\;,\; y=137\;,\; v=744\\ w=18\;,\; h=77\;,\; x=1\;,\; y=137\;,\; v=1386\\ w=1\;,\; h=40\;,\; x=0\;,\; y=137\;,\; v=40\\ w=23\;,\; h=59\;,\; x=4\;,\; y=230\;,\; v=1357\\ \end{array}
```



```
 \begin{array}{l} w = 98 \; , \; h = 78 \; , \; x = 202 \; , \; y = 0 \; , \; v = 7644 \\ w = 31 \; , \; h = 70 \; , \; x = 171 \; , \; y = 0 \; , \; v = 2170 \\ w = 31 \; , \; h = 7 \; , \; x = 171 \; , \; y = 70 \; , \; v = 217 \\ \end{array}
```

$$w = 23$$
,  $h = 1$ ,  $x = 179$ ,  $y = 77$ ,  $v = 23$ 

$$w = 23$$
,  $h = 1$ ,  $x = 173$ ,  $y = 17$ ,  $v = 23$   
 $w = 99$ ,  $h = 74$ ,  $x = 72$ ,  $y = 0$ ,  $v = 7326$ 

$$w = 83$$
,  $h = 3$ ,  $x = 88$ ,  $y = 74$ ,  $v = 249$ 

$$w = 72$$
,  $h = 72$ ,  $x = 0$ ,  $y = 0$ ,  $v = 5184$ 

$$w$$
 =80 ,  $h$  =88 ,  $x$  =220 ,  $y$  =78 ,  $v$  =7040

$$w = 45$$
,  $h = 90$ ,  $x = 255$ ,  $y = 166$ ,  $v = 4050$ 

$$w = 4$$
,  $h = 67$ ,  $x = 222$ ,  $y = 166$ ,  $v = 268$ 

$$w = 67$$
,  $h = 44$ ,  $x = 233$ ,  $y = 256$ ,  $v = 2948$ 

$$\le =67$$
 , h =94 , x =153 , y =78 , v =6298

$$w = 95$$
,  $h = 19$ ,  $x = 58$ ,  $y = 151$ ,  $v = 1805$ 

$$w = 81$$
,  $h = 2$ ,  $x = 72$ ,  $y = 170$ ,  $v = 162$ 

$$w = 52$$
,  $h = 83$ ,  $x = 0$ ,  $y = 78$ ,  $v = 4316$ 

$$w = 66$$
,  $h = 70$ ,  $x = 154$ ,  $y = 172$ ,  $v = 4620$ 

$$\le =66$$
 ,  $h=58$  ,  $x=154$  ,  $y=242$  ,  $v=3828$ 

$$\le =97$$
 ,  $h=40$  ,  $x=57$  ,  $y=172$  ,  $v=3880$ 

$$w=\!53$$
 ,  $h=\!38$  ,  $x=\!4$  ,  $y=\!172$  ,  $v=\!2014$ 

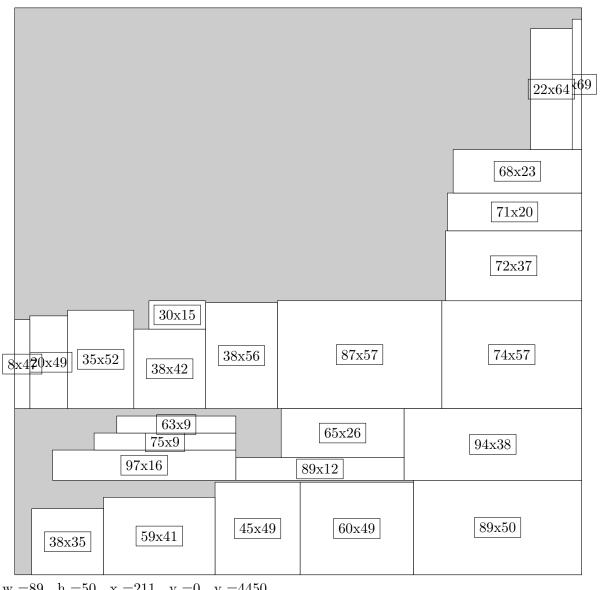
$$\le =83$$
 ,  $h$  =61 ,  $x$  =71 ,  $y$  =212 ,  $v$  =5063

$$\le =54$$
 , h =  
56 , x =  
17 , y =  
212 , v =  
3024

$$w$$
 =16 , h =39 , x =1 , y =212 , v =624

$$w = 92$$
,  $h = 27$ ,  $x = 62$ ,  $y = 273$ ,  $v = 2484$ 

$$w = 60$$
,  $h = 10$ ,  $x = 2$ ,  $y = 273$ ,  $v = 600$ 



$$w = 89$$
,  $h = 50$ ,  $x = 211$ ,  $y = 0$ ,  $v = 4450$ 

$$w = 60$$
,  $h = 49$ ,  $x = 151$ ,  $y = 0$ ,  $v = 2940$ 

$$w = 45$$
,  $h = 49$ ,  $x = 106$ ,  $y = 0$ ,  $v = 2205$ 

$$w = 59$$
,  $h = 41$ ,  $x = 47$ ,  $y = 0$ ,  $v = 2419$ 

$$w = 38$$
,  $h = 35$ ,  $x = 9$ ,  $y = 0$ ,  $v = 1330$ 

$$w = 94$$
,  $h = 38$ ,  $x = 206$ ,  $y = 50$ ,  $v = 3572$ 

$$w = 89$$
,  $h = 12$ ,  $x = 117$ ,  $y = 50$ ,  $v = 1068$ 

$$w = 65$$
,  $h = 26$ ,  $x = 141$ ,  $y = 62$ ,  $v = 1690$ 

$$w = 97$$
,  $h = 16$ ,  $x = 20$ ,  $y = 50$ ,  $v = 1552$ 

$$w = 75$$
,  $h = 9$ ,  $x = 42$ ,  $y = 66$ ,  $v = 675$ 

$$w = 63$$
,  $h = 9$ ,  $x = 54$ ,  $y = 75$ ,  $v = 567$ 

$$w = 74$$
,  $h = 57$ ,  $x = 226$ ,  $y = 88$ ,  $v = 4218$ 

$$w = 72$$
,  $h = 37$ ,  $x = 228$ ,  $y = 145$ ,  $v = 2664$ 

$$w = 71$$
,  $h = 20$ ,  $x = 229$ ,  $y = 182$ ,  $v = 1420$ 

$$w = 68$$
,  $h = 23$ ,  $x = 232$ ,  $y = 202$ ,  $v = 1564$ 

$$w = 5$$
,  $h = 69$ ,  $x = 295$ ,  $y = 225$ ,  $v = 345$ 

$$w = 22$$
,  $h = 64$ ,  $x = 273$ ,  $y = 225$ ,  $v = 1408$ 

$$w = 87$$
,  $h = 57$ ,  $x = 139$ ,  $y = 88$ ,  $v = 4959$ 

$$\le =38$$
 ,  $h=\!56$  ,  $x=\!101$  ,  $y=\!88$  ,  $v=\!2128$ 

$$\le =38$$
 ,  $h=42$  ,  $x=63$  ,  $y=88$  ,  $v=1596$ 

$$\le =30$$
 , h =15 , x =71 , y =130 , v =450

$$\le =35$$
 ,  $h=52$  ,  $x=28$  ,  $y=88$  ,  $v=1820$ 

$$\le =20$$
 ,  $h=49$  ,  $x=8$  ,  $y=88$  ,  $v=980$ 

$$w = 8$$
,  $h = 47$ ,  $x = 0$ ,  $y = 88$ ,  $v = 376$