$ClassName: \ Class\_06.2bp\text{-}45$ 

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

TypeNum: <u>100</u> Num: <u>100</u> OutS: <u>360000</u> InS: <u>289969</u> Rate: <u>0.805</u>

UB: <u>4</u> LB0: <u>4</u> LB: 4

LBWithCut:  $\underline{\mathbf{4}}$  NodeCut:  $\underline{\mathbf{0}}$ 

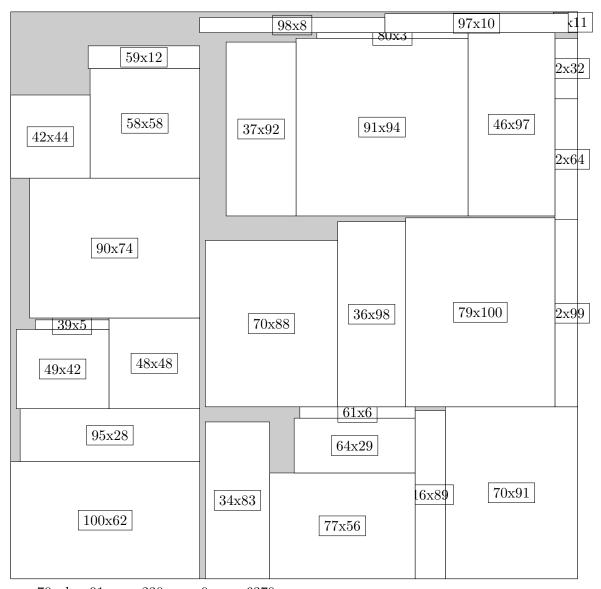
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{4}}$ 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: 0.078 sTotalTime: 600.343 s



```
 \begin{array}{l} w = \!\! 70 \ , \ h = \!\! 91 \ , \ x = \!\! 230 \ , \ y = \!\! 0 \ , \ v = \!\! 6370 \\ w = \!\! 16 \ , \ h = \!\! 89 \ , \ x = \!\! 214 \ , \ y = \!\! 0 \ , \ v = \!\! 1424 \end{array}
```

$$w = 64$$
,  $h = 29$ ,  $x = 150$ ,  $y = 56$ ,  $v = 1856$ 

$$w = 34$$
,  $h = 83$ ,  $x = 103$ ,  $y = 0$ ,  $v = 2822$ 

$$w = 12$$
,  $h = 99$ ,  $x = 288$ ,  $y = 91$ ,  $v = 1188$ 

$$w = 12$$
,  $h = 64$ ,  $x = 288$ ,  $y = 190$ ,  $v = 768$ 

$$w = 12$$
,  $h = 32$ ,  $x = 288$ ,  $y = 254$ ,  $v = 384$ 

$$w = 50$$
,  $h = 50$ ,  $x = 170$ ,  $y = 51$ ,  $v = 6160$   
 $w = 70$ ,  $h = 88$ ,  $x = 103$ ,  $y = 91$ ,  $v = 6160$ 

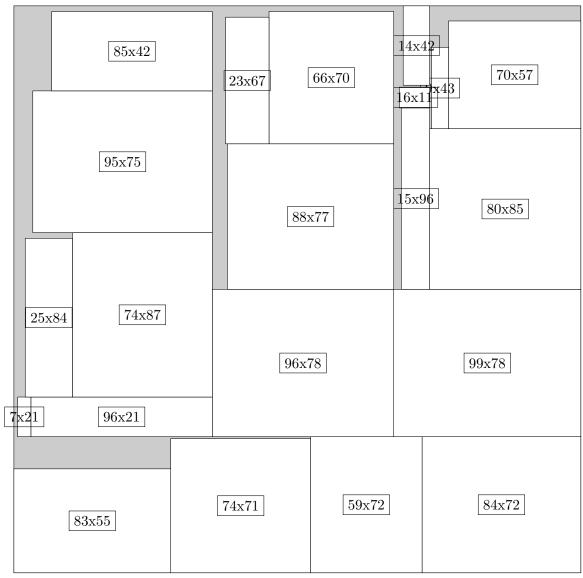
$$w = 91$$
,  $h = 94$ ,  $x = 151$ ,  $y = 192$ ,  $v = 8554$ 

$$w = 80$$
,  $h = 3$ ,  $x = 162$ ,  $y = 286$ ,  $v = 240$ 

$$w = 37$$
,  $h = 92$ ,  $x = 114$ ,  $y = 192$ ,  $v = 3404$ 

```
\begin{array}{l} w=100\;,\; h=62\;,\; x=0\;,\; y=0\;,\; v=6200\\ w=95\;,\; h=28\;,\; x=5\;,\; y=62\;,\; v=2660\\ w=48\;,\; h=48\;,\; x=52\;,\; y=90\;,\; v=2304\\ w=49\;,\; h=42\;,\; x=3\;,\; y=90\;,\; v=2058\\ w=39\;,\; h=5\;,\; x=13\;,\; y=132\;,\; v=195\\ w=90\;,\; h=74\;,\; x=10\;,\; y=138\;,\; v=6660\\ w=58\;,\; h=58\;,\; x=42\;,\; y=212\;,\; v=3364\\ w=42\;,\; h=44\;,\; x=0\;,\; y=212\;,\; v=1848\\ w=59\;,\; h=12\;,\; x=41\;,\; y=270\;,\; v=708\\ w=5\;,\; h=11\;,\; x=295\;,\; y=289\;,\; v=55\\ \end{array}
```

 $\begin{array}{l} w = \! 97 \ , \ h = \! 10 \ , \ x = \! 198 \ , \ y = \! 289 \ , \ v = \! 970 \\ w = \! 98 \ , \ h = \! 8 \ , \ x = \! 100 \ , \ y = \! 289 \ , \ v = \! 784 \\ \end{array}$ 



```
w = 84, h = 72, x = 216, y = 0, v = 6048
```

$$\le =59$$
 , h =72 , x =157 , y =0 , v =4248

$$w = 74$$
,  $h = 71$ ,  $x = 83$ ,  $y = 0$ ,  $v = 5254$ 

$$w = 83$$
,  $h = 55$ ,  $x = 0$ ,  $y = 0$ ,  $v = 4565$ 

$$w$$
 =99 ,  $h$  =78 ,  $x$  =201 ,  $y$  =72 ,  $v$  =7722

$$w = 80$$
,  $h = 85$ ,  $x = 220$ ,  $y = 150$ ,  $v = 6800$ 

$$w = 70$$
,  $h = 57$ ,  $x = 230$ ,  $y = 235$ ,  $v = 3990$ 

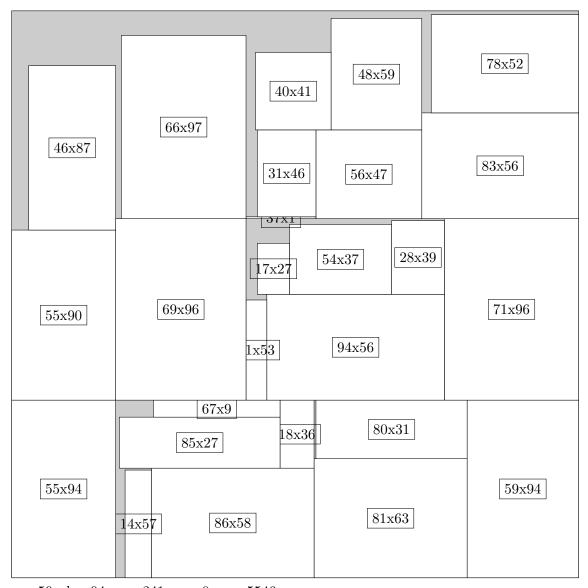
$$w = 9$$
,  $h = 43$ ,  $x = 221$ ,  $y = 235$ ,  $v = 387$ 

$$w = 15$$
,  $h = 96$ ,  $x = 205$ ,  $y = 150$ ,  $v = 1440$ 

$$w = 66$$
,  $h = 70$ ,  $x = 135$ ,  $y = 227$ ,  $v = 4620$ 

$$w = 23$$
,  $h = 67$ ,  $x = 112$ ,  $y = 227$ ,  $v = 1541$ 

 $\begin{array}{l} w=7\ ,\ h=21\ ,\ x=2\ ,\ y=72\ ,\ v=147\\ w=74\ ,\ h=87\ ,\ x=31\ ,\ y=93\ ,\ v=6438\\ w=25\ ,\ h=84\ ,\ x=6\ ,\ y=93\ ,\ v=2100\\ w=95\ ,\ h=75\ ,\ x=10\ ,\ y=180\ ,\ v=7125\\ w=85\ ,\ h=42\ ,\ x=20\ ,\ y=255\ ,\ v=3570\\ \end{array}$ 



```
w = 59, h = 94, x = 241, y = 0, v = 5546
```

$$w = 81$$
,  $h = 63$ ,  $x = 160$ ,  $y = 0$ ,  $v = 5103$ 

$$w = 80$$
,  $h = 31$ ,  $x = 161$ ,  $y = 63$ ,  $v = 2480$ 

$$w = 18$$
,  $h = 36$ ,  $x = 142$ ,  $y = 58$ ,  $v = 648$ 

$$w = 67, h = 9, x = 75, y = 85, v = 603$$

$$w = 71$$
,  $h = 96$ ,  $x = 229$ ,  $y = 94$ ,  $v = 6816$ 

$$\le =11$$
 ,  $h$  =53 ,  $x$  =124 ,  $y$  =94 ,  $v$  =583

$$w = 28$$
,  $h = 39$ ,  $x = 201$ ,  $y = 150$ ,  $v = 1092$ 

$$w$$
 =54 ,  $h$  =37 ,  $x$  =147 ,  $y$  =150 ,  $v$  =1998

$$w = 78$$
,  $h = 52$ ,  $x = 222$ ,  $y = 246$ ,  $v = 4056$ 

```
w = 56, h = 47, x = 161, y = 190, v = 2632
```

$$w = 37$$
,  $h = 1$ ,  $x = 124$ ,  $y = 190$ ,  $v = 37$ 

$$w = 31$$
,  $h = 46$ ,  $x = 130$ ,  $y = 191$ ,  $v = 1426$ 

$$\le =48$$
 , h =59 , x =169 , y =237 , v =2832

$$w = 40$$
,  $h = 41$ ,  $x = 129$ ,  $y = 237$ ,  $v = 1640$ 

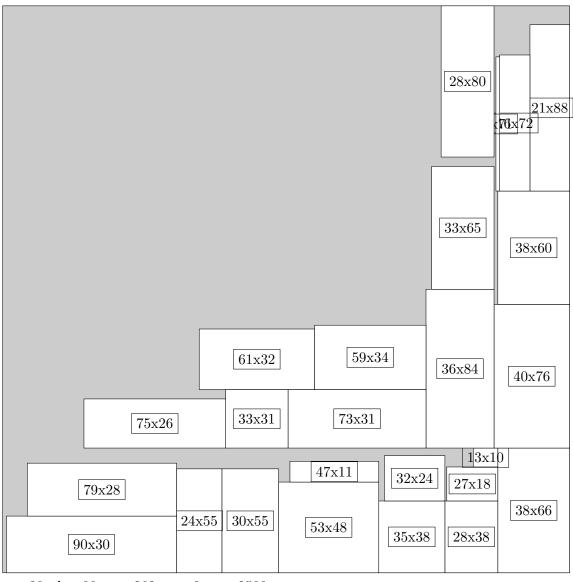
$$w$$
 =69 ,  $h$  =96 ,  $x$  =55 ,  $y$  =94 ,  $v$  =6624

$$w$$
 =66 ,  $h$  =97 ,  $x$  =58 ,  $y$  =190 ,  $v$  =6402

$$w = 55$$
,  $h = 94$ ,  $x = 0$ ,  $y = 0$ ,  $v = 5170$ 

$$w = 55$$
,  $h = 90$ ,  $x = 0$ ,  $y = 94$ ,  $v = 4950$ 

$$w = 46$$
,  $h = 87$ ,  $x = 9$ ,  $y = 184$ ,  $v = 4002$ 



```
w = 38, h = 66, x = 262, y = 0, v = 2508
```

$$w$$
 =28 , h =38 , x =234 , y =0 , v =1064

$$w = 27$$
,  $h = 18$ ,  $x = 235$ ,  $y = 38$ ,  $v = 486$ 

$$w=\!13$$
 ,  $h=\!10$  ,  $x=\!249$  ,  $y=\!56$  ,  $v=\!130$ 

$$w = 35$$
,  $h = 38$ ,  $x = 199$ ,  $y = 0$ ,  $v = 1330$ 

$$w = 32$$
,  $h = 24$ ,  $x = 202$ ,  $y = 38$ ,  $v = 768$ 

$$w = 53$$
,  $h = 48$ ,  $x = 146$ ,  $y = 0$ ,  $v = 2544$ 

$$w = 47$$
,  $h = 11$ ,  $x = 152$ ,  $y = 48$ ,  $v = 517$ 

$$w = 30$$
,  $h = 55$ ,  $x = 116$ ,  $y = 0$ ,  $v = 1650$ 

$$w = 24$$
,  $h = 55$ ,  $x = 92$ ,  $y = 0$ ,  $v = 1320$ 

$$w = 90$$
,  $h = 30$ ,  $x = 2$ ,  $y = 0$ ,  $v = 2700$ 

$$w = 79$$
,  $h = 28$ ,  $x = 13$ ,  $y = 30$ ,  $v = 2212$ 

$$w = 40$$
,  $h = 76$ ,  $x = 260$ ,  $y = 66$ ,  $v = 3040$ 

$$w = 38$$
,  $h = 60$ ,  $x = 262$ ,  $y = 142$ ,  $v = 2280$ 

$$w = 21$$
,  $h = 88$ ,  $x = 279$ ,  $y = 202$ ,  $v = 1848$ 

$$w = 16$$
,  $h = 72$ ,  $x = 263$ ,  $y = 202$ ,  $v = 1152$ 

```
\begin{array}{l} w=2\ ,\ h=71\ ,\ x=261\ ,\ y=202\ ,\ v=142\\ w=36\ ,\ h=84\ ,\ x=224\ ,\ y=66\ ,\ v=3024\\ w=33\ ,\ h=65\ ,\ x=227\ ,\ y=150\ ,\ v=2145\\ w=28\ ,\ h=80\ ,\ x=232\ ,\ y=220\ ,\ v=2240\\ w=73\ ,\ h=31\ ,\ x=151\ ,\ y=66\ ,\ v=2263\\ w=33\ ,\ h=31\ ,\ x=118\ ,\ y=66\ ,\ v=1023\\ w=75\ ,\ h=26\ ,\ x=43\ ,\ y=66\ ,\ v=1950\\ w=59\ ,\ h=34\ ,\ x=165\ ,\ y=97\ ,\ v=2006\\ \end{array}
```

w =61 , h =32 , x =104 , y =97 , v =1952