$ClassName: \ Class\_04.2bp-37$ 

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

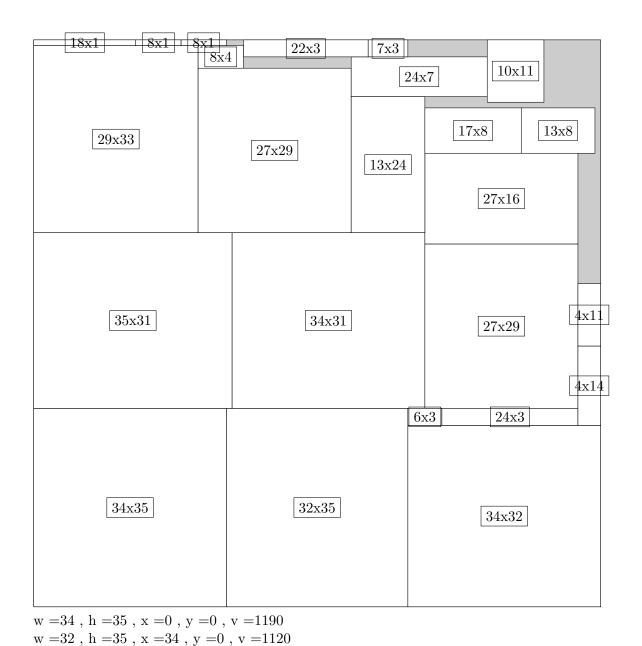
TypeNum: <u>76</u> Num: <u>80</u> OutS: <u>30000</u> InS: <u>28863</u> Rate: <u>0.962</u>

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

LBWithCut:  $\underline{\mathbf{3}}$ NodeCut:  $\underline{\mathbf{0}}$ 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:  $\underline{\mathbf{1}}$ 

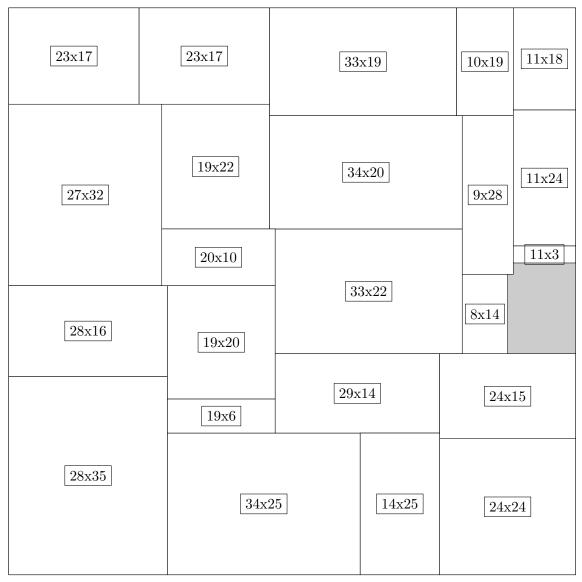
isOpt: **true** 

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.058 sTotalTime: 0.128 s



$$\begin{array}{l} w = 34 \;,\; h = 32 \;,\; x = 66 \;,\; y = 0 \;,\; v = 1088 \\ w = 35 \;,\; h = 31 \;,\; x = 0 \;,\; y = 35 \;,\; v = 1085 \\ w = 34 \;,\; h = 31 \;,\; x = 35 \;,\; y = 35 \;,\; v = 1054 \\ w = 29 \;,\; h = 33 \;,\; x = 0 \;,\; y = 66 \;,\; v = 957 \\ w = 27 \;,\; h = 29 \;,\; x = 69 \;,\; y = 35 \;,\; v = 783 \\ w = 27 \;,\; h = 29 \;,\; x = 29 \;,\; y = 66 \;,\; v = 783 \\ w = 6 \;,\; h = 3 \;,\; x = 66 \;,\; y = 32 \;,\; v = 18 \\ w = 27 \;,\; h = 16 \;,\; x = 69 \;,\; y = 64 \;,\; v = 432 \\ w = 13 \;,\; h = 24 \;,\; x = 56 \;,\; y = 66 \;,\; v = 312 \\ w = 24 \;,\; h = 7 \;,\; x = 56 \;,\; y = 90 \;,\; v = 168 \\ w = 17 \;,\; h = 8 \;,\; x = 69 \;,\; y = 80 \;,\; v = 136 \\ w = 10 \;,\; h = 11 \;,\; x = 80 \;,\; y = 89 \;,\; v = 110 \\ \end{array}$$

w = 13, h = 8, x = 86, y = 80, v = 104w = 24, h = 3, x = 72, y = 32, v = 72  $\begin{array}{l} w=22\;,\; h=3\;,\; x=37\;,\; y=97\;,\; v=66\\ w=4\;,\; h=14\;,\; x=96\;,\; y=32\;,\; v=56\\ w=4\;,\; h=11\;,\; x=96\;,\; y=46\;,\; v=44\\ w=8\;,\; h=4\;,\; x=29\;,\; y=95\;,\; v=32\\ w=7\;,\; h=3\;,\; x=59\;,\; y=97\;,\; v=21\\ w=18\;,\; h=1\;,\; x=0\;,\; y=99\;,\; v=18\\ w=8\;,\; h=1\;,\; x=18\;,\; y=99\;,\; v=8\\ w=8\;,\; h=1\;,\; x=26\;,\; y=99\;,\; v=8\\ \end{array}$ 



```
w = 28, h = 35, x = 0, y = 0, v = 980
```

$$w$$
 =27 , h =32 , x =0 , y =51 , v =864

$$w = 34$$
,  $h = 25$ ,  $x = 28$ ,  $y = 0$ ,  $v = 850$ 

$$w = 33$$
,  $h = 22$ ,  $x = 47$ ,  $y = 39$ ,  $v = 726$ 

$$w = 24$$
,  $h = 24$ ,  $x = 76$ ,  $y = 0$ ,  $v = 576$ 

$$w = 28$$
,  $h = 16$ ,  $x = 0$ ,  $y = 35$ ,  $v = 448$ 

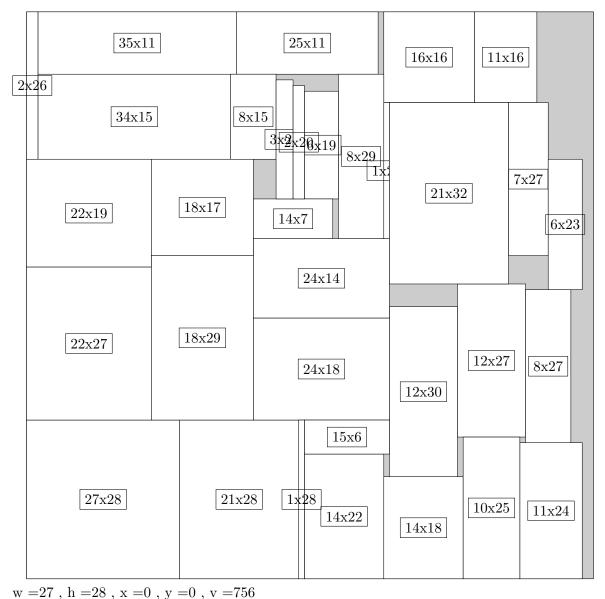
$$w = 19$$
,  $h = 22$ ,  $x = 27$ ,  $y = 61$ ,  $v = 418$ 

$$\le =23$$
 ,  $h$  =17 ,  $x$  =0 ,  $y$  =83 ,  $v$  =391

$$w = 23$$
,  $h = 17$ ,  $x = 23$ ,  $y = 83$ ,  $v = 391$ 

$$w=19$$
 ,  $h=20$  ,  $x=28$  ,  $y=31$  ,  $v=380$ 

 $\begin{array}{l} w=9 \ , \ h=28 \ , \ x=80 \ , \ y=53 \ , \ v=252 \\ w=20 \ , \ h=10 \ , \ x=27 \ , \ y=51 \ , \ v=200 \\ w=11 \ , \ h=18 \ , \ x=89 \ , \ y=82 \ , \ v=198 \\ w=10 \ , \ h=19 \ , \ x=79 \ , \ y=81 \ , \ v=190 \\ w=19 \ , \ h=6 \ , \ x=28 \ , \ y=25 \ , \ v=114 \\ w=8 \ , \ h=14 \ , \ x=80 \ , \ y=39 \ , \ v=112 \\ w=11 \ , \ h=3 \ , \ x=89 \ , \ y=55 \ , \ v=33 \end{array}$ 



```
w = 27, h = 26, x = 0, y = 0, v = 750

w = 22, h = 27, x = 0, y = 28, v = 594
```

$$\le =21$$
 ,  $h=28$  ,  $x=27$  ,  $y=0$  ,  $v=588$ 

$$w = 18$$
,  $h = 29$ ,  $x = 22$ ,  $y = 28$ ,  $v = 522$ 

$$w = 34$$
,  $h = 15$ ,  $x = 2$ ,  $y = 74$ ,  $v = 510$ 

$$w = 24$$
,  $h = 18$ ,  $x = 40$ ,  $y = 28$ ,  $v = 432$ 

$$w = 22$$
,  $h = 19$ ,  $x = 0$ ,  $y = 55$ ,  $v = 418$ 

$$w = 35$$
,  $h = 11$ ,  $x = 2$ ,  $y = 89$ ,  $v = 385$ 

$$w = 12$$
,  $h = 30$ ,  $x = 64$ ,  $y = 18$ ,  $v = 360$ 

$$w = 24$$
,  $h = 14$ ,  $x = 40$ ,  $y = 46$ ,  $v = 336$ 

$$w = 18$$
,  $h = 17$ ,  $x = 22$ ,  $y = 57$ ,  $v = 306$ 

$$w = 25$$
,  $h = 11$ ,  $x = 37$ ,  $y = 89$ ,  $v = 275$ 

```
w = 14, h = 18, x = 63, y = 0, v = 252
w=\!10 , h=\!25 , x=\!77 , y=\!0 , v=\!250
\le =8 , h =29 , x =55 , y =60 , v =232
w = 8, h = 27, x = 88, y = 24, v = 216
w = 7, h = 27, x = 85, y = 57, v = 189
w = 11, h = 16, x = 79, y = 84, v = 176
w = 6, h = 23, x = 92, y = 51, v = 138
w=\!8 , h=\!15 , x=\!36 , y=\!74 , v=\!120
w = 6, h = 19, x = 49, y = 67, v = 114
w = 14, h = 7, x = 40, y = 60, v = 98
w = 15, h = 6, x = 49, y = 22, v = 90
w=3 , h=\!21 , x=\!44 , y=\!67 , v=\!63
w = 2, h = 26, x = 0, y = 74, v = 52
w = 2, h = 20, x = 47, y = 67, v = 40
w = 1, h = 28, x = 48, y = 0, v = 28
w = 1, h = 24, x = 63, y = 60, v = 24
w = 21, h = 32, x = 64, y = 52, v = 672
```