$ClassName: \ Class\_04.2bp\text{-}35$ 

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

TypeNum: <u>76</u> Num: <u>80</u> OutS: <u>30000</u> InS: <u>27464</u> Rate: <u>0.915</u>

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

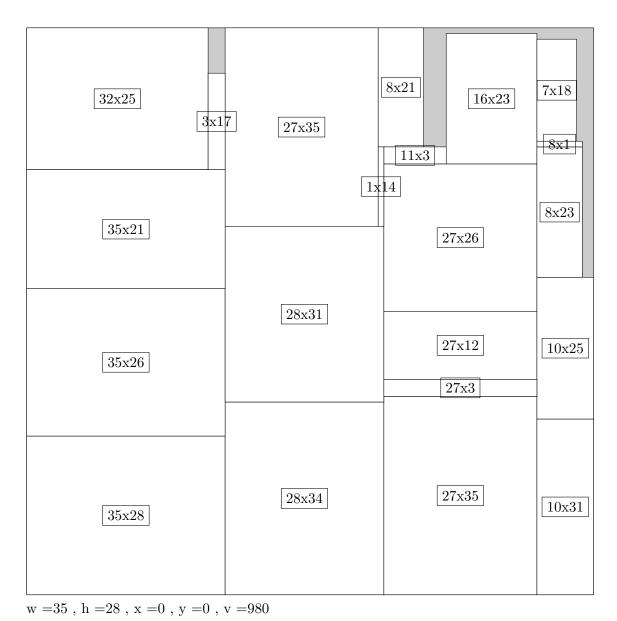
LBWithCut:  $\underline{\mathbf{3}}$  NodeCut:  $\underline{\mathbf{0}}$ 

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

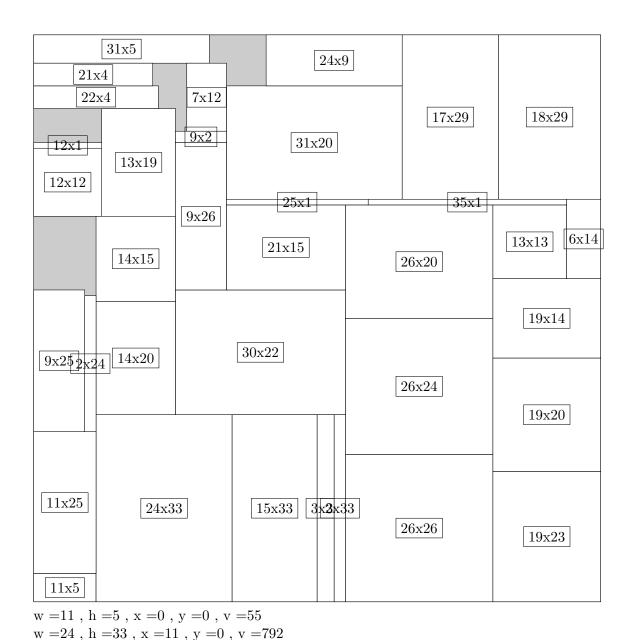
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.010 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.094 \ s} \\ {\rm TotalTime:} \ \underline{0.166 \ s} \end{array}$ 



```
\begin{array}{l} w=28\;,\; h=34\;,\; x=35\;,\; y=0\;,\; v=952\\ w=27\;,\; h=35\;,\; x=35\;,\; y=65\;,\; v=945\\ w=27\;,\; h=35\;,\; x=63\;,\; y=0\;,\; v=945\\ w=35\;,\; h=26\;,\; x=0\;,\; y=28\;,\; v=910\\ w=28\;,\; h=31\;,\; x=35\;,\; y=34\;,\; v=868\\ w=32\;,\; h=25\;,\; x=0\;,\; y=75\;,\; v=800\\ w=35\;,\; h=21\;,\; x=0\;,\; y=54\;,\; v=735\\ w=27\;,\; h=26\;,\; x=63\;,\; y=50\;,\; v=702\\ w=16\;,\; h=23\;,\; x=74\;,\; y=76\;,\; v=368\\ w=27\;,\; h=12\;,\; x=63\;,\; y=38\;,\; v=324\\ w=10\;,\; h=31\;,\; x=90\;,\; y=0\;,\; v=310\\ w=10\;,\; h=25\;,\; x=90\;,\; y=56\;,\; v=184\\ w=8\;,\; h=21\;,\; x=62\;,\; y=79\;,\; v=168\\ \end{array}
```

w = 7, h = 18, x = 90, y = 80, v = 126

 $\begin{array}{l} w = \!\!27 \;,\; h = \!\!3 \;,\; x = \!\!63 \;,\; y = \!\!35 \;,\; v = \!\!81 \\ w = \!\!3 \;,\; h = \!\!17 \;,\; x = \!\!32 \;,\; y = \!\!75 \;,\; v = \!\!51 \\ w = \!\!11 \;,\; h = \!\!3 \;,\; x = \!\!63 \;,\; y = \!\!76 \;,\; v = \!\!33 \\ w = \!\!1 \;,\; h = \!\!14 \;,\; x = \!\!62 \;,\; y = \!\!65 \;,\; v = \!\!14 \\ w = \!\!8 \;,\; h = \!\!1 \;,\; x = \!\!90 \;,\; y = \!\!79 \;,\; v = \!\!8 \end{array}$ 



```
w =26 , h =26 , x =55 , y =0 , v =676

w =30 , h =22 , x =25 , y =33 , v =660

w =26 , h =24 , x =55 , y =26 , v =624

w =31 , h =20 , x =34 , y =71 , v =620

w =18 , h =29 , x =82 , y =71 , v =522

w =26 , h =20 , x =55 , y =50 , v =520

w =15 , h =33 , x =35 , y =0 , v =495

w =17 , h =29 , x =65 , y =71 , v =493

w =19 , h =23 , x =81 , y =0 , v =437

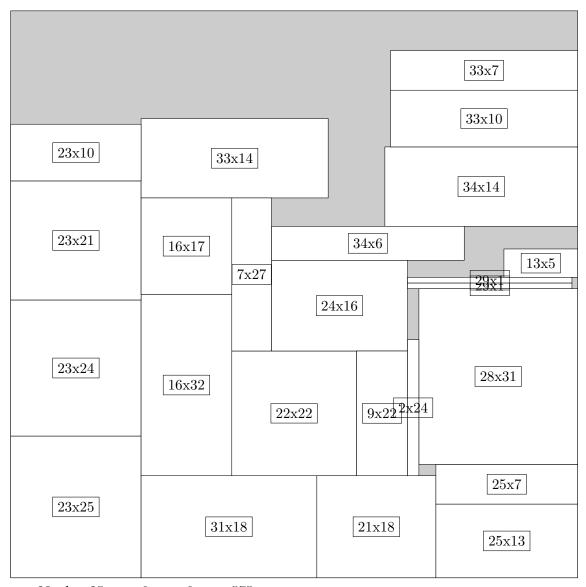
w =19 , h =20 , x =81 , y =23 , v =380

w =21 , h =15 , x =34 , y =55 , v =315

w =14 , h =20 , x =11 , y =33 , v =280
```

w = 11, h = 25, x = 0, y = 5, v = 275w = 19, h = 14, x = 81, y = 43, v = 266

```
w = 13, h = 19, x = 12, y = 68, v = 247
w = 9, h = 26, x = 25, y = 55, v = 234
w = 9, h = 25, x = 0, y = 30, v = 225
\le =24 , h =9 , x =41 , y =91 , v =216
w = 14, h = 15, x = 11, y = 53, v = 210
w = 13, h = 13, x = 81, y = 57, v = 169
w = 31, h = 5, x = 0, y = 95, v = 155
\le =12 , h=12 , x=0 , y=68 , v=144
w = 3, h = 33, x = 50, y = 0, v = 99
w=\!22 , h=\!4 , x=\!0 , y=\!87 , v=\!88
w = 21, h = 4, x = 0, y = 91, v = 84
w = 7, h = 12, x = 27, y = 83, v = 84
w = 6, h = 14, x = 94, y = 57, v = 84
w = 2, h = 33, x = 53, y = 0, v = 66
w = 2, h = 24, x = 9, y = 30, v = 48
w = 35, h = 1, x = 59, y = 70, v = 35
w = 25, h = 1, x = 34, y = 70, v = 25
w =9 , h =2 , x =25 , y =81 , v =18
w = 12, h = 1, x = 0, y = 80, v = 12
```



```
w = 23, h = 25, x = 0, y = 0, v = 575
```

$$\le =31$$
 ,  $h$  =18 ,  $x$  =23 ,  $y$  =0 ,  $v$  =558

$$w = 23$$
,  $h = 24$ ,  $x = 0$ ,  $y = 25$ ,  $v = 552$ 

$$w = 16$$
,  $h = 32$ ,  $x = 23$ ,  $y = 18$ ,  $v = 512$ 

$$w = 22$$
,  $h = 22$ ,  $x = 39$ ,  $y = 18$ ,  $v = 484$ 

$$w = 33$$
,  $h = 14$ ,  $x = 23$ ,  $y = 67$ ,  $v = 462$ 

$$w = 24$$
,  $h = 16$ ,  $x = 46$ ,  $y = 40$ ,  $v = 384$ 

$$w = 33$$
,  $h = 10$ ,  $x = 67$ ,  $y = 76$ ,  $v = 330$ 

$$w = 25$$
,  $h = 13$ ,  $x = 75$ ,  $y = 0$ ,  $v = 325$ 

$$\le =16$$
 ,  $h=17$  ,  $x=23$  ,  $y=50$  ,  $v=272$ 

$$w = 34$$
,  $h = 6$ ,  $x = 46$ ,  $y = 56$ ,  $v = 204$ 

 $\begin{array}{l} w=9\ ,\ h=22\ ,\ x=61\ ,\ y=18\ ,\ v=198\\ w=7\ ,\ h=27\ ,\ x=39\ \, ,\ y=40\ \, ,\ v=189\\ w=25\ \, ,\ h=7\ \, ,\ x=75\ \, ,\ y=13\ \, ,\ v=175\\ w=13\ \, ,\ h=5\ \, ,\ x=87\ \, ,\ y=53\ \, ,\ v=65\\ w=28\ \, ,\ h=31\ \, ,\ x=72\ \, ,\ y=20\ \, ,\ v=868\\ w=2\ \, ,\ h=24\ \, ,\ x=70\ \, ,\ y=18\ \, ,\ v=48\\ w=29\ \, ,\ h=1\ \, ,\ x=70\ \, ,\ y=51\ \, ,\ v=29\\ w=29\ \, ,\ h=1\ \, ,\ x=70\ \, ,\ y=52\ \, ,\ v=29\\ \end{array}$