$ClassName: \ Class\_04.2bp-29$ 

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>30000</u> InS: <u>23294</u> Rate: <u>0.776</u>

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

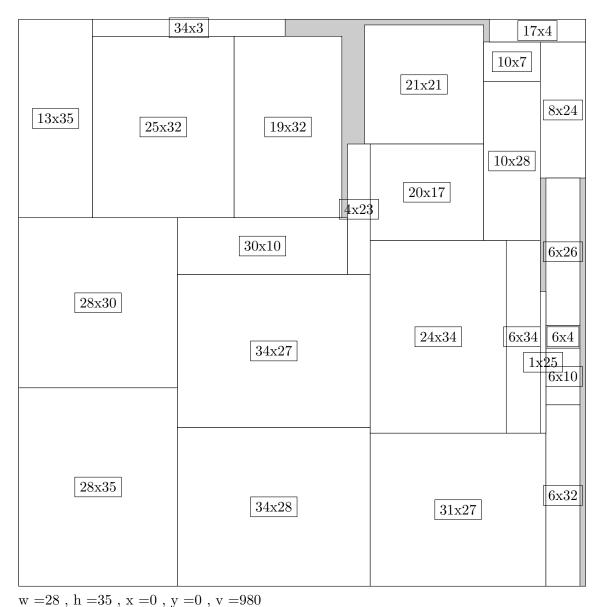
LBWithCut:  $\underline{\mathbf{3}}$  NodeCut:  $\underline{\mathbf{0}}$ 

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

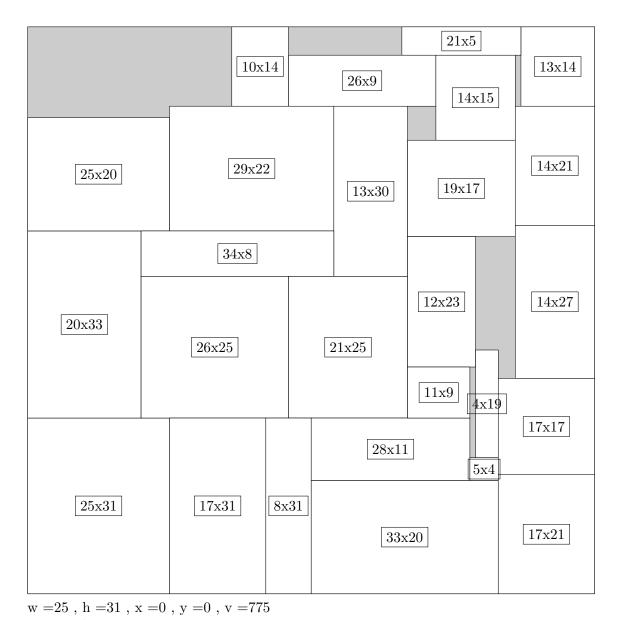
isOpt:  $\underline{\mathbf{true}}$ 

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.010 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.062 \ s} \\ {\rm TotalTime:} \ \underline{0.135 \ s} \end{array}$ 



```
\begin{array}{l} w = 34 \;, \; h = 28 \;, \; x = 28 \;, \; y = 0 \;, \; v = 952 \\ w = 34 \;, \; h = 27 \;, \; x = 28 \;, \; y = 28 \;, \; v = 918 \\ w = 28 \;, \; h = 30 \;, \; x = 0 \;, \; y = 35 \;, \; v = 840 \\ w = 31 \;, \; h = 27 \;, \; x = 62 \;, \; y = 0 \;, \; v = 837 \\ w = 24 \;, \; h = 34 \;, \; x = 62 \;, \; y = 27 \;, \; v = 816 \\ w = 25 \;, \; h = 32 \;, \; x = 13 \;, \; y = 65 \;, \; v = 800 \\ w = 13 \;, \; h = 35 \;, \; x = 0 \;, \; y = 65 \;, \; v = 455 \\ w = 19 \;, \; h = 32 \;, \; x = 38 \;, \; y = 65 \;, \; v = 608 \\ w = 21 \;, \; h = 21 \;, \; x = 61 \;, \; y = 78 \;, \; v = 441 \\ w = 20 \;, \; h = 17 \;, \; x = 62 \;, \; y = 61 \;, \; v = 340 \\ w = 30 \;, \; h = 10 \;, \; x = 28 \;, \; y = 55 \;, \; v = 300 \\ w = 10 \;, \; h = 28 \;, \; x = 82 \;, \; y = 61 \;, \; v = 280 \\ w = 6 \;, \; h = 34 \;, \; x = 86 \;, \; y = 27 \;, \; v = 204 \\ w = 8 \;, \; h = 24 \;, \; x = 92 \;, \; y = 72 \;, \; v = 192 \\ w = 6 \;, \; h = 32 \;, \; x = 93 \;, \; y = 0 \;, \; v = 192 \\ \end{array}
```

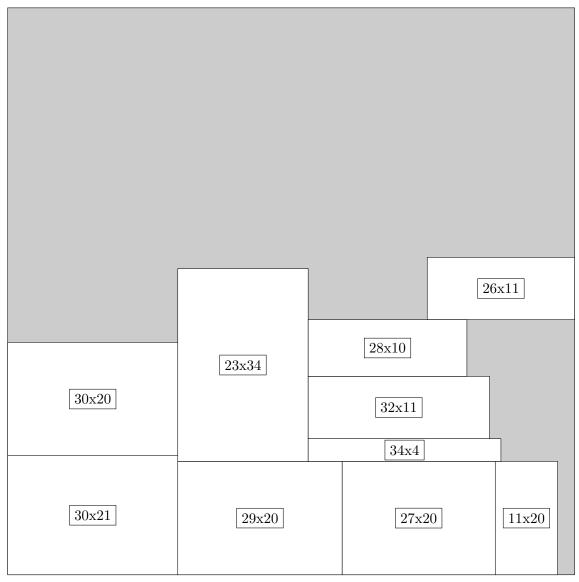
 $\begin{array}{l} w=6\;,\;h=26\;,\;x=93\;,\;y=46\;,\;v=156\\ w=34\;,\;h=3\;,\;x=13\;,\;y=97\;,\;v=102\\ w=4\;,\;h=23\;,\;x=58\;,\;y=55\;,\;v=92\\ w=10\;,\;h=7\;,\;x=82\;,\;y=89\;,\;v=70\\ w=17\;,\;h=4\;,\;x=83\;,\;y=96\;,\;v=68\\ w=6\;,\;h=10\;,\;x=93\;,\;y=32\;,\;v=60\\ w=1\;,\;h=25\;,\;x=92\;,\;y=27\;,\;v=25\\ w=6\;,\;h=4\;,\;x=93\;,\;y=42\;,\;v=24\\ \end{array}$ 



```
\begin{array}{l} w = 33 \; , \; h = 20 \; , \; x = 50 \; , \; y = 0 \; , \; v = 660 \\ w = 20 \; , \; h = 33 \; , \; x = 0 \; , \; y = 31 \; , \; v = 660 \\ w = 26 \; , \; h = 25 \; , \; x = 20 \; , \; y = 31 \; , \; v = 650 \\ w = 29 \; , \; h = 22 \; , \; x = 25 \; , \; y = 64 \; , \; v = 638 \\ w = 17 \; , \; h = 31 \; , \; x = 25 \; , \; y = 0 \; , \; v = 527 \\ w = 21 \; , \; h = 25 \; , \; x = 46 \; , \; y = 31 \; , \; v = 525 \\ w = 25 \; , \; h = 20 \; , \; x = 0 \; , \; y = 64 \; , \; v = 500 \\ w = 13 \; , \; h = 30 \; , \; x = 54 \; , \; y = 56 \; , \; v = 390 \\ w = 14 \; , \; h = 27 \; , \; x = 86 \; , \; y = 38 \; , \; v = 378 \\ w = 17 \; , \; h = 21 \; , \; x = 83 \; , \; y = 0 \; , \; v = 323 \\ w = 28 \; , \; h = 11 \; , \; x = 50 \; , \; y = 20 \; , \; v = 308 \\ w = 14 \; , \; h = 21 \; , \; x = 86 \; , \; y = 65 \; , \; v = 294 \\ w = 17 \; , \; h = 17 \; , \; x = 83 \; , \; y = 21 \; , \; v = 289 \\ \end{array}
```

w = 12, h = 23, x = 67, y = 40, v = 276

 $\begin{array}{l} w = 34 \;, \; h = 8 \;, \; x = 20 \;, \; y = 56 \;, \; v = 272 \\ w = 8 \;, \; h = 31 \;, \; x = 42 \;, \; y = 0 \;, \; v = 248 \\ w = 26 \;, \; h = 9 \;, \; x = 46 \;, \; y = 86 \;, \; v = 234 \\ w = 14 \;, \; h = 15 \;, \; x = 72 \;, \; y = 80 \;, \; v = 210 \\ w = 13 \;, \; h = 14 \;, \; x = 87 \;, \; y = 86 \;, \; v = 182 \\ w = 10 \;, \; h = 14 \;, \; x = 36 \;, \; y = 86 \;, \; v = 140 \\ w = 21 \;, \; h = 5 \;, \; x = 66 \;, \; y = 95 \;, \; v = 105 \\ w = 11 \;, \; h = 9 \;, \; x = 67 \;, \; y = 31 \;, \; v = 99 \\ w = 4 \;, \; h = 19 \;, \; x = 79 \;, \; y = 24 \;, \; v = 76 \\ w = 5 \;, \; h = 4 \;, \; x = 78 \;, \; y = 20 \;, \; v = 20 \\ \end{array}$ 



$$w = 30$$
,  $h = 21$ ,  $x = 0$ ,  $y = 0$ ,  $v = 630$ 

$$\le =30$$
 ,  $h=20$  ,  $x=0$  ,  $y=21$  ,  $v=600$ 

$$\le =29$$
 , h =20 , x =30 , y =0 , v =580

$$w$$
 =27 ,  $h$  =20 ,  $x$  =59 ,  $y$  =0 ,  $v$  =540

$$w = 23$$
,  $h = 34$ ,  $x = 30$ ,  $y = 20$ ,  $v = 782$ 

$$w$$
 =32 , h =11 , x =53 , y =24 , v =352

$$w = 26$$
,  $h = 11$ ,  $x = 74$ ,  $y = 45$ ,  $v = 286$ 

$$w = 28$$
,  $h = 10$ ,  $x = 53$ ,  $y = 35$ ,  $v = 280$ 

$$w = 11$$
,  $h = 20$ ,  $x = 86$ ,  $y = 0$ ,  $v = 220$ 

$$\le =34$$
 ,  $h=4$  ,  $x=53$  ,  $y=20$  ,  $v=136$