$ClassName: \ Class_04.2bp-37$

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: **3** LB0: **3** LB: **3**

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

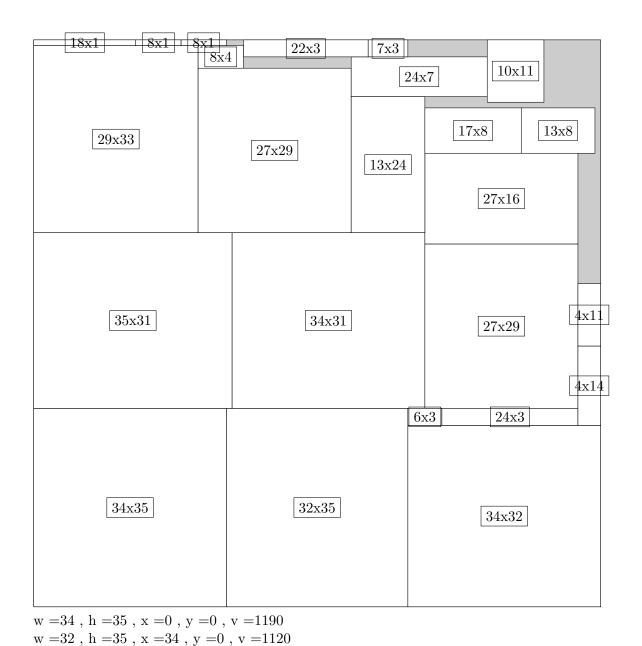
ExtendedNodeCnt: $\underline{\mathbf{1}}$

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: $\underline{\mathbf{0}}$

Branch And
Bound Num: $\underline{\mathbf{1}}$

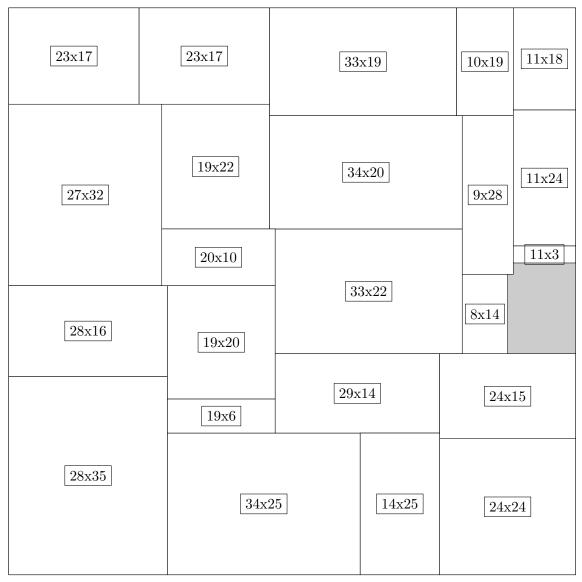
is Opt: $\underline{\mathbf{true}}$

TimeOnPrimal: $\underline{0.000 \text{ s}}$ TimeOnPricing: $\underline{0.000 \text{ s}}$ TimeOnRmp: $\underline{0.063 \text{ s}}$ TotalTime: $\underline{0.125 \text{ s}}$



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

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

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

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

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

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

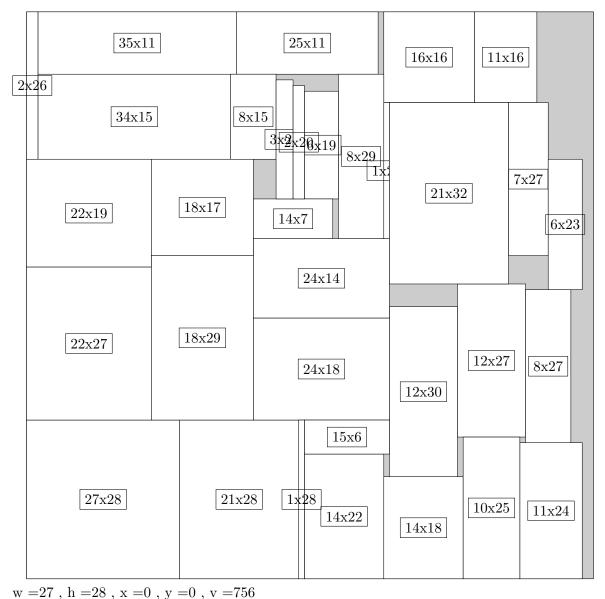
$$w = 19$$
, $h = 22$, $x = 27$, $y = 61$, $v = 418$

$$\le =23$$
 , 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
```