$ClassName: \ Class_04.2bp-45$

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

TypeNum: <u>99</u> Num: <u>100</u> OutS: <u>40000</u> InS: <u>36761</u> Rate: <u>0.919</u>

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

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

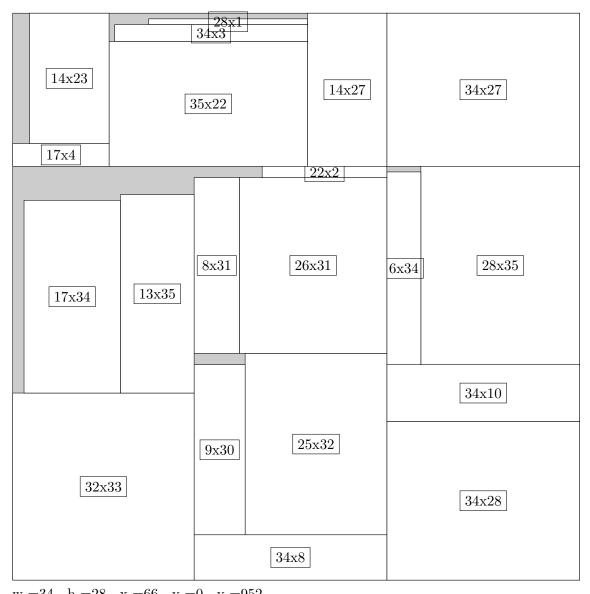
ExtendedNodeCnt: $\underline{\mathbf{1}}$

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

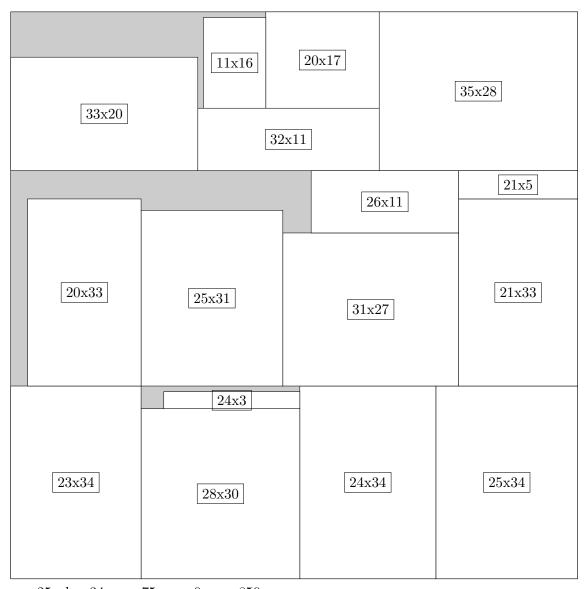
TimeOnInitSolution: $\underline{600.000 \text{ s}}$

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 600.328 s



```
w = 34, h = 28, x = 66, y = 0, v = 952
w = 34, h = 10, x = 66, y = 28, v = 340
w = 28, h = 35, x = 72, y = 38, v = 980
w = 6, h = 34, x = 66, y = 38, v = 204
w = 34, h = 8, x = 32, y = 0, v = 272
w = 25, h = 32, x = 41, y = 8, v = 800
w = 9, h = 30, x = 32, y = 8, v = 270
w = 26, h = 31, x = 40, y = 40, v = 806
w = 22, h = 2, x = 44, y = 71, v = 44
w = 8, h = 31, x = 32, y = 40, v = 248
w = 32, h = 33, x = 0, y = 0, v = 1056
w = 13, h = 35, x = 19, y = 33, v = 455
w = 17, h = 34, x = 2, y = 33, v = 578
w = 34, h = 27, x = 66, y = 73, v = 918
w = 14, h = 27, x = 52, y = 73, v = 378
w = 35, h = 22, x = 17, y = 73, v = 770
```

 $\begin{array}{l} w = \!\! 34 \;, \; h = \!\! 3 \;, \; x = \!\! 18 \;, \; y = \!\! 95 \;, \; v = \!\! 102 \\ w = \!\! 28 \;, \; h = \!\! 1 \;, \; x = \!\! 24 \;, \; y = \!\! 98 \;, \; v = \!\! 28 \\ w = \!\! 17 \;, \; h = \!\! 4 \;, \; x = \!\! 0 \;, \; y = \!\! 73 \;, \; v = \!\! 68 \\ w = \!\! 14 \;, \; h = \!\! 23 \;, \; x = \!\! 3 \;, \; y = \!\! 77 \;, \; v = \!\! 322 \end{array}$



$$\le =25$$
 , h =34 , x =75 , y =0 , v =850

$$w=\!24$$
 , $h=\!34$, $x=\!51$, $y=\!0$, $v=\!816$

$$w = 28$$
, $h = 30$, $x = 23$, $y = 0$, $v = 840$

$$w = 24$$
, $h = 3$, $x = 27$, $y = 30$, $v = 72$

$$w = 21$$
, $h = 33$, $x = 79$, $y = 34$, $v = 693$

$$w = 21$$
, $h = 5$, $x = 79$, $y = 67$, $v = 105$

$$w = 31$$
, $h = 27$, $x = 48$, $y = 34$, $v = 837$

$$w = 26$$
, $h = 11$, $x = 53$, $y = 61$, $v = 286$

$$w = 25$$
, $h = 31$, $x = 23$, $y = 34$, $v = 775$

$$w = 23$$
, $h = 34$, $x = 0$, $y = 0$, $v = 782$

$$w = 20$$
, $h = 33$, $x = 3$, $y = 34$, $v = 660$

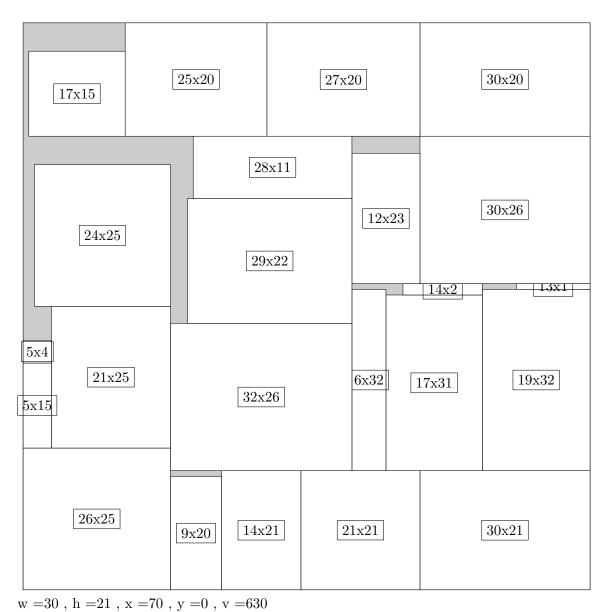
$$w = 35$$
, $h = 28$, $x = 65$, $y = 72$, $v = 980$

$$w = 32$$
, $h = 11$, $x = 33$, $y = 72$, $v = 352$

$$w = 20$$
, $h = 17$, $x = 45$, $y = 83$, $v = 340$

$$w = 11$$
, $h = 16$, $x = 34$, $y = 83$, $v = 176$

$$w = 33$$
, $h = 20$, $x = 0$, $y = 72$, $v = 660$



```
\begin{array}{c} w = 21 \; , \; h = 21 \; , \; x = 49 \; , \; y = 0 \; , \; v = 441 \\ w = 14 \; , \; h = 21 \; , \; x = 35 \; , \; y = 0 \; , \; v = 294 \\ w = 9 \; , \; h = 20 \; , \; x = 26 \; , \; y = 0 \; , \; v = 180 \\ w = 19 \; , \; h = 32 \; , \; x = 81 \; , \; y = 21 \; , \; v = 608 \\ w = 13 \; , \; h = 1 \; , \; x = 87 \; , \; y = 53 \; , \; v = 13 \\ w = 17 \; , \; h = 31 \; , \; x = 64 \; , \; y = 21 \; , \; v = 527 \\ w = 14 \; , \; h = 2 \; , \; x = 67 \; , \; y = 52 \; , \; v = 28 \\ w = 6 \; , \; h = 32 \; , \; x = 58 \; , \; y = 21 \; , \; v = 192 \\ w = 30 \; , \; h = 26 \; , \; x = 70 \; , \; y = 54 \; , \; v = 780 \\ w = 12 \; , \; h = 23 \; , \; x = 58 \; , \; y = 54 \; , \; v = 276 \\ w = 32 \; , \; h = 26 \; , \; x = 26 \; , \; y = 21 \; , \; v = 638 \\ w = 29 \; , \; h = 22 \; , \; x = 29 \; , \; y = 47 \; , \; v = 638 \\ w = 28 \; , \; h = 11 \; , \; x = 30 \; , \; y = 69 \; , \; v = 308 \\ w = 26 \; , \; h = 25 \; , \; x = 0 \; , \; y = 0 \; , \; v = 650 \\ w = 21 \; , \; h = 25 \; , \; x = 5 \; , \; y = 25 \; , \; v = 525 \\ \end{array}
```

 \mathbf{w} =5 , h =15 , x =0 , y =25 , v =75

 \mathbf{w} =5 , h =4 , x =0 , y =40 , v =20

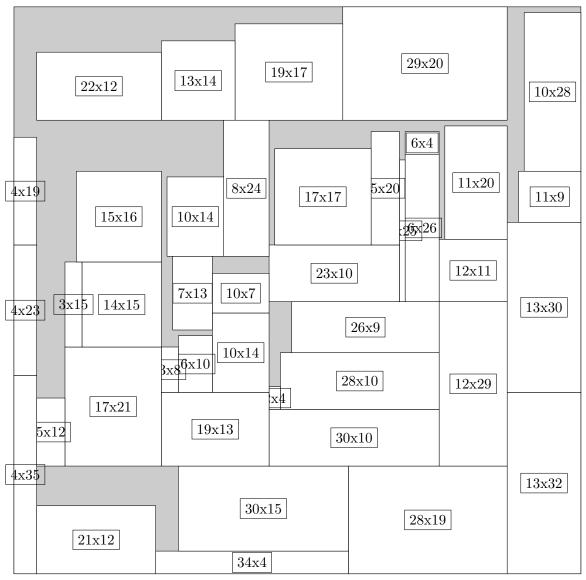
 $\le =24$, h =25 , x =2 , y =50 , v =600

 $\le =30$, h=20 , x=70 , y=80 , v=600

w =27 , h =20 , x =43 , y =80 , v =540

 $\le =25$, h=20 , x=18 , y=80 , v=500

 $\le =17$, h=15 , x=1 , y=80 , v=255



```
w = 13, h = 32, x = 87, y = 0, v = 416
```

$$w = 13$$
, $h = 30$, $x = 87$, $y = 32$, $v = 390$

$$w = 11$$
, $h = 9$, $x = 89$, $y = 62$, $v = 99$

$$w = 10$$
, $h = 28$, $x = 90$, $y = 71$, $v = 280$

$$w = 28$$
, $h = 19$, $x = 59$, $y = 0$, $v = 532$

$$w = 34$$
, $h = 4$, $x = 25$, $y = 0$, $v = 136$

$$w = 30$$
, $h = 15$, $x = 29$, $y = 4$, $v = 450$

$$w = 21$$
, $h = 12$, $x = 4$, $y = 0$, $v = 252$

$$w=12$$
 , $h=29$, $x=75$, $y=19$, $v=348$

$$w = 12$$
, $h = 11$, $x = 75$, $y = 48$, $v = 132$

$$w = 11$$
, $h = 20$, $x = 76$, $y = 59$, $v = 220$

$$w = 30$$
, $h = 10$, $x = 45$, $y = 19$, $v = 300$

$$w = 28$$
, $h = 10$, $x = 47$, $y = 29$, $v = 280$

$$w = 2$$
, $h = 4$, $x = 45$, $y = 29$, $v = 8$

$$w = 26$$
, $h = 9$, $x = 49$, $y = 39$, $v = 234$

$$w = 6$$
, $h = 26$, $x = 69$, $y = 48$, $v = 156$

```
w = 1, h = 25, x = 68, y = 48, v = 25
w = 6, h = 4, x = 69, y = 74, v = 24
w = 23, h = 10, x = 45, y = 48, v = 230
w = 5, h = 20, x = 63, y = 58, v = 100
w = 17, h = 17, x = 46, y = 58, v = 289
w = 19, h = 13, x = 26, y = 19, v = 247
w = 10, h = 14, x = 35, y = 32, v = 140
w = 10, h = 7, x = 35, y = 46, v = 70
w = 6, h = 10, x = 29, y = 32, v = 60
w = 3, h = 8, x = 26, y = 32, v = 24
w = 7, h = 13, x = 28, y = 43, v = 91
w = 8, h = 24, x = 37, y = 56, v = 192
w = 10, h = 14, x = 27, y = 56, v = 140
w = 17, h = 21, x = 9, y = 19, v = 357
w = 14, h = 15, x = 12, y = 40, v = 210
w = 3, h = 15, x = 9, y = 40, v = 45
w = 15, h = 16, x = 11, y = 55, v = 240
w = 5, h = 12, x = 4, y = 19, v = 60
w = 29, h = 20, x = 58, y = 80, v = 580
w = 19, h = 17, x = 39, y = 80, v = 323
w = 13, h = 14, x = 26, y = 80, v = 182
w = 22, h = 12, x = 4, y = 80, v = 264
w = 4, h = 35, x = 0, y = 0, v = 140
w = 4, h = 23, x = 0, y = 35, v = 92
```

w = 4, h = 19, x = 0, y = 58, v = 76