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

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

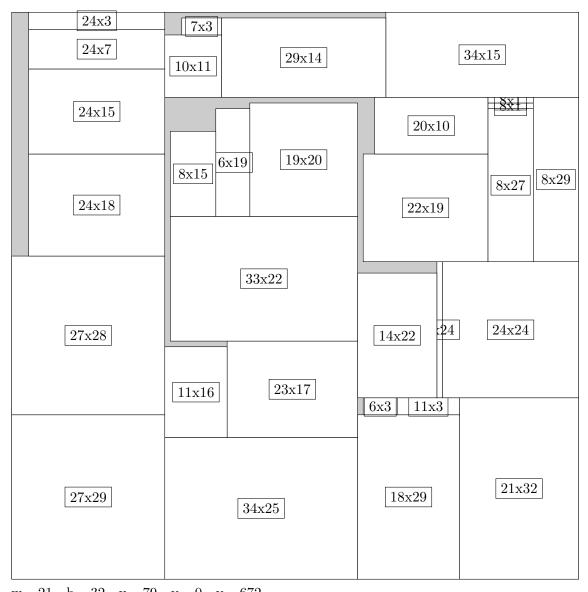
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

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:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

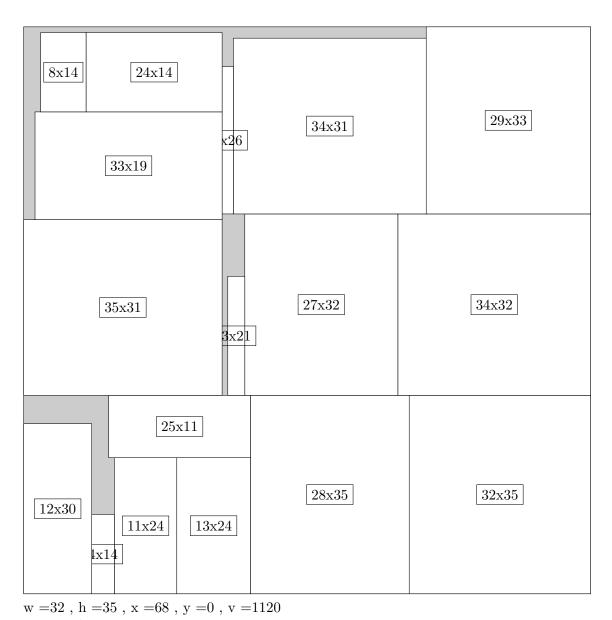
TimeOnInitSolution:  $\underline{600.000 \text{ s}}$ 

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.390 s



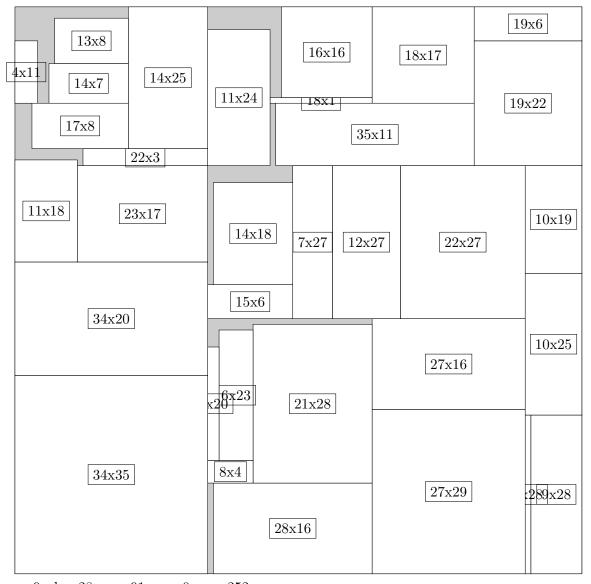
```
w = 21, h = 32, x = 79, y = 0, v = 672
w = 18, h = 29, x = 61, y = 0, v = 522
w = 11, h = 3, x = 68, y = 29, v = 33
w = 6, h = 3, x = 62, y = 29, v = 18
w = 24, h = 24, x = 76, y = 32, v = 576
w = 1, h = 24, x = 75, y = 32, v = 24
w = 14, h = 22, x = 61, y = 32, v = 308
w = 8, h = 29, x = 92, y = 56, v = 232
w = 8, h = 27, x = 84, y = 56, v = 216
w = 8, h = 1, x = 84, y = 83, v = 8
w = 8, h = 1, x = 84, y = 84, v = 8
w = 22, h = 19, x = 62, y = 56, v = 418
w = 20, h = 10, x = 64, y = 75, v = 200
w = 34, h = 25, x = 27, y = 0, v = 850
w = 23, h = 17, x = 38, y = 25, v = 391
w = 11, h = 16, x = 27, y = 25, v = 176
```

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\begin{array}{l} w = 33 \; , \, h = 22 \; , \, x = 28 \; , \, y = 42 \; , \, v = 726 \\ w = 19 \; , \, h = 20 \; , \, x = 42 \; , \, y = 64 \; , \, v = 380 \\ w = 6 \; , \, h = 19 \; , \, x = 36 \; , \, y = 64 \; , \, v = 114 \\ w = 8 \; , \, h = 15 \; , \, x = 28 \; , \, y = 64 \; , \, v = 120 \\ w = 34 \; , \, h = 15 \; , \, x = 66 \; , \, y = 85 \; , \, v = 510 \\ w = 29 \; , \, h = 14 \; , \, x = 37 \; , \, y = 85 \; , \, v = 406 \\ w = 10 \; , \, h = 11 \; , \, x = 27 \; , \, y = 85 \; , \, v = 110 \\ w = 7 \; , \, h = 3 \; , \, x = 30 \; , \, y = 96 \; , \, v = 21 \\ w = 27 \; , \, h = 29 \; , \, x = 0 \; , \, y = 0 \; , \, v = 783 \\ w = 27 \; , \, h = 28 \; , \, x = 0 \; , \, y = 29 \; , \, v = 756 \\ w = 24 \; , \, h = 18 \; , \, x = 3 \; , \, y = 57 \; , \, v = 432 \\ w = 24 \; , \, h = 15 \; , \, x = 3 \; , \, y = 75 \; , \, v = 360 \\ w = 24 \; , \, h = 7 \; , \, x = 3 \; , \, y = 90 \; , \, v = 168 \\ w = 24 \; , \, h = 3 \; , \, x = 3 \; , \, y = 97 \; , \, v = 72 \\ \end{array}
```



$$\begin{array}{l} w = 28 \;, \; h = 35 \;, \; x = 40 \;, \; y = 0 \;, \; v = 980 \\ w = 13 \;, \; h = 24 \;, \; x = 27 \;, \; y = 0 \;, \; v = 312 \\ w = 11 \;, \; h = 24 \;, \; x = 16 \;, \; y = 0 \;, \; v = 264 \\ w = 4 \;, \; h = 14 \;, \; x = 12 \;, \; y = 0 \;, \; v = 56 \\ w = 25 \;, \; h = 11 \;, \; x = 15 \;, \; y = 24 \;, \; v = 275 \\ w = 12 \;, \; h = 30 \;, \; x = 0 \;, \; y = 0 \;, \; v = 360 \\ w = 34 \;, \; h = 32 \;, \; x = 66 \;, \; y = 35 \;, \; v = 1088 \\ w = 27 \;, \; h = 32 \;, \; x = 39 \;, \; y = 35 \;, \; v = 864 \\ w = 3 \;, \; h = 21 \;, \; x = 36 \;, \; y = 35 \;, \; v = 63 \\ w = 29 \;, \; h = 33 \;, \; x = 71 \;, \; y = 67 \;, \; v = 957 \\ w = 34 \;, \; h = 31 \;, \; x = 37 \;, \; y = 67 \;, \; v = 1054 \\ w = 2 \;, \; h = 26 \;, \; x = 35 \;, \; y = 67 \;, \; v = 52 \\ w = 35 \;, \; h = 31 \;, \; x = 0 \;, \; y = 35 \;, \; v = 1085 \\ w = 33 \;, \; h = 19 \;, \; x = 2 \;, \; y = 66 \;, \; v = 627 \\ w = 24 \;, \; h = 14 \;, \; x = 11 \;, \; y = 85 \;, \; v = 336 \\ \end{array}$$

 $\mathbf{w}$  =8 , h =14 , x =3 , y =85 , v =112



```
w = 9, h = 28, x = 91, y = 0, v = 252
w = 1, h = 28, x = 90, y = 0, v = 28
w = 10, h = 25, x = 90, y = 28, v = 250
w = 10, h = 19, x = 90, y = 53, v = 190
w = 27, h = 29, x = 63, y = 0, v = 783
w = 27, h = 16, x = 63, y = 29, v = 432
w = 28, h = 16, x = 35, y = 0, v = 448
w = 21, h = 28, x = 42, y = 16, v = 588
w = 8, h = 4, x = 34, y = 16, v = 32
w = 6, h = 23, x = 36, y = 20, v = 138
w = 2, h = 20, x = 34, y = 20, v = 40
w = 22, h = 27, x = 68, y = 45, v = 594
w = 12, h = 27, x = 56, y = 45, v = 324
w = 7, h = 27, x = 49, y = 45, v = 189
w = 15, h = 6, x = 34, y = 45, v = 90
w = 14, h = 18, x = 35, y = 51, v = 252
```

```
w = 19, h = 22, x = 81, y = 72, v = 418
```

$$w = 19$$
,  $h = 6$ ,  $x = 81$ ,  $y = 94$ ,  $v = 114$ 

$$w = 35$$
,  $h = 11$ ,  $x = 46$ ,  $y = 72$ ,  $v = 385$ 

$$\le =18$$
 ,  $h=17$  ,  $x=63$  ,  $y=83$  ,  $v=306$ 

$$w = 18$$
,  $h = 1$ ,  $x = 45$ ,  $y = 83$ ,  $v = 18$ 

$$w = 16$$
,  $h = 16$ ,  $x = 47$ ,  $y = 84$ ,  $v = 256$ 

$$w = 11$$
,  $h = 24$ ,  $x = 34$ ,  $y = 72$ ,  $v = 264$ 

$$\le =34$$
 ,  $h=35$  ,  $x=0$  ,  $y=0$  ,  $v=1190$ 

$$w = 34$$
,  $h = 20$ ,  $x = 0$ ,  $y = 35$ ,  $v = 680$ 

$$w = 23$$
,  $h = 17$ ,  $x = 11$ ,  $y = 55$ ,  $v = 391$ 

$$w = 22$$
,  $h = 3$ ,  $x = 12$ ,  $y = 72$ ,  $v = 66$ 

$$w$$
 =11 ,  $h$  =18 ,  $x$  =0 ,  $y$  =55 ,  $v$  =198

$$w=\!14$$
 ,  $h=\!25$  ,  $x=\!20$  ,  $y=\!75$  ,  $v=\!350$ 

$$w=\!17$$
 ,  $h=\!8$  ,  $x=\!3$  ,  $y=\!75$  ,  $v=\!136$ 

$$w = 14$$
,  $h = 7$ ,  $x = 6$ ,  $y = 83$ ,  $v = 98$ 

$$w=\!13$$
 ,  $h=\!8$  ,  $x=\!7$  ,  $y=\!90$  ,  $v=\!104$ 

$$w = 4$$
,  $h = 11$ ,  $x = 0$ ,  $y = 83$ ,  $v = 44$