$ClassName: \ Class\_04.2bp-42$ 

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

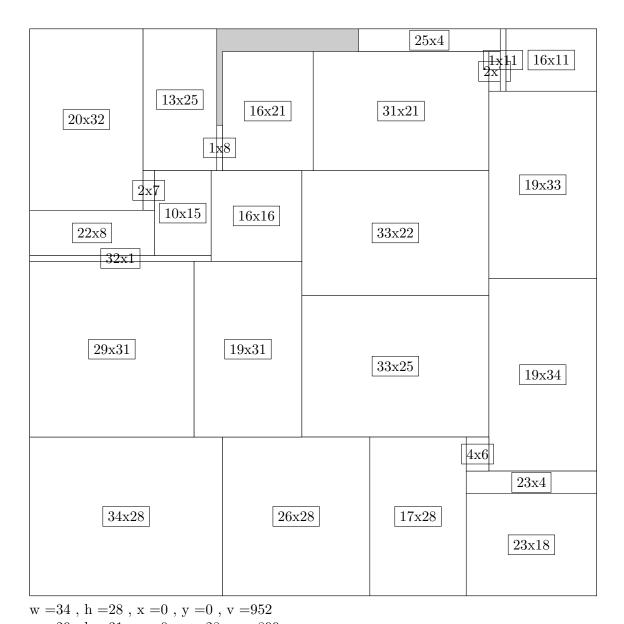
TypeNum: <u>97</u> Num: <u>100</u> OutS: <u>30000</u> InS: <u>28224</u> Rate: <u>0.941</u>

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

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

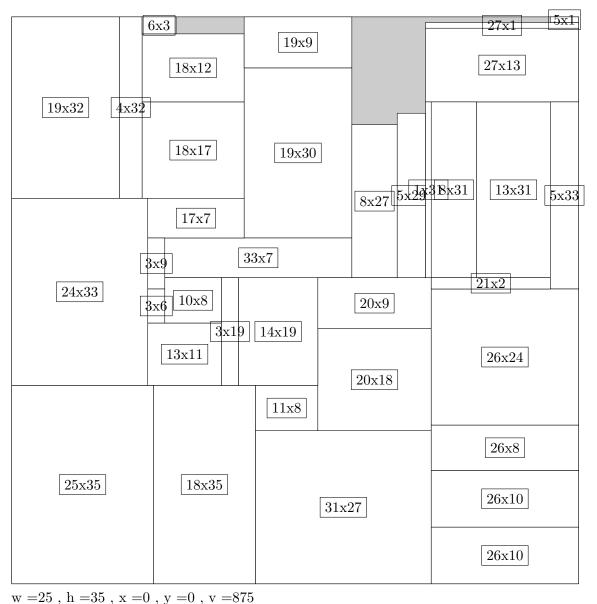
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.069 sTotalTime: 0.132 s



```
\begin{array}{l} w=29 \;,\; h=31 \;,\; x=0 \;,\; y=28 \;,\; v=899 \\ w=33 \;,\; h=25 \;,\; x=48 \;,\; y=28 \;,\; v=825 \\ w=26 \;,\; h=28 \;,\; x=34 \;,\; y=0 \;,\; v=728 \\ w=33 \;,\; h=22 \;,\; x=48 \;,\; y=53 \;,\; v=726 \\ w=31 \;,\; h=21 \;,\; x=50 \;,\; y=75 \;,\; v=651 \\ w=19 \;,\; h=34 \;,\; x=81 \;,\; y=22 \;,\; v=646 \\ w=20 \;,\; h=32 \;,\; x=0 \;,\; y=68 \;,\; v=640 \\ w=19 \;,\; h=33 \;,\; x=81 \;,\; y=56 \;,\; v=627 \\ w=19 \;,\; h=31 \;,\; x=29 \;,\; y=28 \;,\; v=589 \\ w=17 \;,\; h=28 \;,\; x=60 \;,\; y=0 \;,\; v=476 \\ w=23 \;,\; h=18 \;,\; x=77 \;,\; y=0 \;,\; v=414 \\ w=16 \;,\; h=21 \;,\; x=34 \;,\; y=75 \;,\; v=336 \\ w=13 \;,\; h=25 \;,\; x=20 \;,\; y=75 \;,\; v=325 \\ w=16 \;,\; h=16 \;,\; x=32 \;,\; y=59 \;,\; v=256 \\ \end{array}
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w = 22, h = 8, x = 0, y = 60, v = 176

 $\begin{array}{l} w=16\;,\; h=11\;,\; x=84\;,\; y=89\;,\; v=176\\ w=10\;,\; h=15\;,\; x=22\;,\; y=60\;,\; v=150\\ w=25\;,\; h=4\;,\; x=58\;,\; y=96\;,\; v=100\\ w=23\;,\; h=4\;,\; x=77\;,\; y=18\;,\; v=92\\ w=32\;,\; h=1\;,\; x=0\;,\; y=59\;,\; v=32\\ w=4\;,\; h=6\;,\; x=77\;,\; y=22\;,\; v=24\\ w=2\;,\; h=7\;,\; x=81\;,\; y=89\;,\; v=14\\ w=2\;,\; h=7\;,\; x=20\;,\; y=68\;,\; v=14\\ w=1\;,\; h=11\;,\; x=83\;,\; y=89\;,\; v=11\\ w=1\;,\; h=8\;,\; x=33\;,\; y=75\;,\; v=8\\ \end{array}$ 



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w = 23 , h = 35 , x = 0 , y = 0 , v = 837

w = 31 , h = 27 , x = 43 , y = 0 , v = 837

w = 24 , h = 33 , x = 0 , y = 35 , v = 792

w = 18 , h = 35 , x = 25 , y = 0 , v = 630

w = 11 , h = 8 , x = 43 , y = 27 , v = 88

w = 19 , h = 32 , x = 0 , y = 68 , v = 608

w = 19 , h = 30 , x = 41 , y = 61 , v = 570

w = 13 , h = 31 , x = 82 , y = 54 , v = 403

w = 20 , h = 18 , x = 54 , y = 27 , v = 360

w = 27 , h = 13 , x = 73 , y = 85 , v = 351

w = 18 , h = 17 , x = 23 , y = 68 , v = 306

w = 14 , h = 19 , x = 40 , y = 35 , v = 266

w = 26 , h = 10 , x = 74 , y = 0 , v = 260

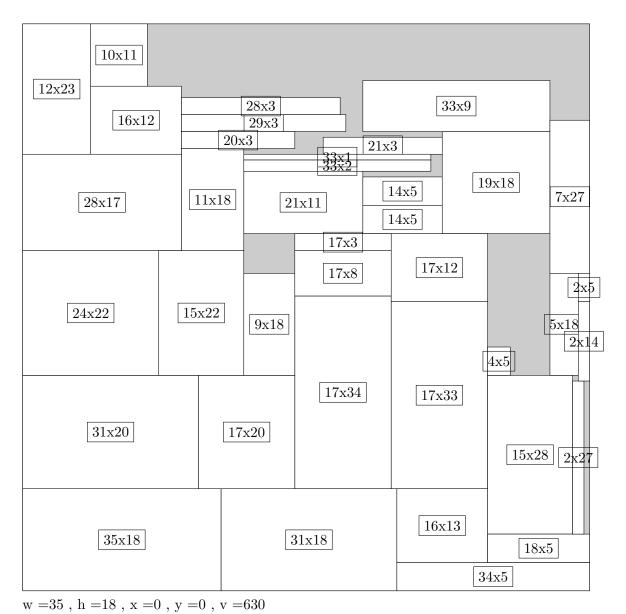
w = 26 , h = 10 , x = 74 , y = 10 , v = 260

w = 8 , h = 31 , x = 74 , y = 54 , v = 248

w = 33 , h = 7 , x = 27 , y = 54 , v = 231
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w = 18, h = 12, x = 23, y = 85, v = 216
w = 8, h = 27, x = 60, y = 54, v = 216
w = 26, h = 8, x = 74, y = 20, v = 208
w = 20, h = 9, x = 54, y = 45, v = 180
w = 19, h = 9, x = 41, y = 91, v = 171
w = 5, h = 33, x = 95, y = 52, v = 165
w = 5, h = 29, x = 68, y = 54, v = 145
w=\!13 , h=\!11 , x=\!24 , y=\!35 , v=\!143
w = 4, h = 32, x = 19, y = 68, v = 128
w = 17, h = 7, x = 24, y = 61, v = 119
w = 26, h = 24, x = 74, y = 28, v = 624
w = 10, h = 8, x = 27, y = 46, v = 80
w = 3, h = 19, x = 37, y = 35, v = 57
w = 21, h = 2, x = 74, y = 52, v = 42
w = 1, h = 31, x = 73, y = 54, v = 31
w = 27, h = 1, x = 73, y = 98, v = 27
w = 3, h = 9, x = 24, y = 52, v = 27
w = 6, h = 3, x = 23, y = 97, v = 18
w = 3, h = 6, x = 24, y = 46, v = 18
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w = 5, h = 1, x = 95, y = 99, v = 5



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\begin{array}{l} w = & 31 \; , \; h = & 20 \; , \; x = & 0 \; , \; y = & 18 \; , \; v = & 620 \\ w = & 17 \; , \; h = & 34 \; , \; x = & 48 \; , \; y = & 18 \; , \; v = & 578 \\ w = & 17 \; , \; h = & 33 \; , \; x = & 65 \; , \; y = & 18 \; , \; v = & 561 \\ w = & 31 \; , \; h = & 18 \; , \; x = & 35 \; , \; y = & 0 \; , \; v = & 558 \\ w = & 24 \; , \; h = & 22 \; , \; x = & 0 \; , \; y = & 38 \; , \; v = & 528 \\ w = & 28 \; , \; h = & 17 \; , \; x = & 0 \; , \; y = & 60 \; , \; v = & 476 \\ w = & 15 \; , \; h = & 28 \; , \; x = & 82 \; , \; y = & 10 \; , \; v = & 420 \\ w = & 15 \; , \; h = & 28 \; , \; x = & 82 \; , \; y = & 10 \; , \; v = & 420 \\ w = & 19 \; , \; h = & 18 \; , \; x = & 74 \; , \; y = & 63 \; , \; v = & 342 \\ w = & 17 \; , \; h = & 20 \; , \; x = & 31 \; , \; y = & 18 \; , \; v = & 340 \\ w = & 15 \; , \; h = & 22 \; , \; x = & 24 \; , \; y = & 38 \; , \; v = & 330 \\ w = & 33 \; , \; h = & 9 \; , \; x = & 60 \; , \; y = & 81 \; , \; v = & 297 \\ w = & 12 \; , \; h = & 23 \; , \; x = & 0 \; , \; y = & 77 \; , \; v = & 276 \\ w = & 21 \; , \; h = & 11 \; , \; x = & 39 \; , \; y = & 63 \; , \; v = & 231 \\ w = & 16 \; , \; h = & 13 \; , \; x = & 66 \; , \; y = & 5 \; , \; v = & 208 \\ \end{array}
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w = 17, h = 12, x = 65, y = 51, v = 204

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w = 11, h = 18, x = 28, y = 60, v = 198
w = 16, h = 12, x = 12, y = 77, v = 192
w = 7, h = 27, x = 93, y = 56, v = 189
w = 34, h = 5, x = 66, y = 0, v = 170
w = 9, h = 18, x = 39, y = 38, v = 162
\le =17 , h=8 , x=48 , y=52 , v=136
w = 10, h = 11, x = 12, y = 89, v = 110
w=\!18 , h=\!5 , x=\!82 , y=\!5 , v=\!90
w = 5, h = 18, x = 93, y = 38, v = 90
w = 29, h = 3, x = 28, y = 81, v = 87
w = 28, h = 3, x = 28, y = 84, v = 84
w = 14, h = 5, x = 60, y = 63, v = 70
w = 14, h = 5, x = 60, y = 68, v = 70
w = 33, h = 2, x = 39, y = 74, v = 66
w = 21, h = 3, x = 53, y = 77, v = 63
w = 20, h = 3, x = 28, y = 78, v = 60
w = 2, h = 27, x = 97, y = 10, v = 54
w = 17, h = 3, x = 48, y = 60, v = 51
w = 33, h = 1, x = 39, y = 76, v = 33
w = 2, h = 14, x = 98, y = 37, v = 28
w = 4, h = 5, x = 82, y = 38, v = 20
w = 2, h = 5, x = 98, y = 51, v = 10
```