$ClassName: {\bf Class_04.2bp-41}$

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

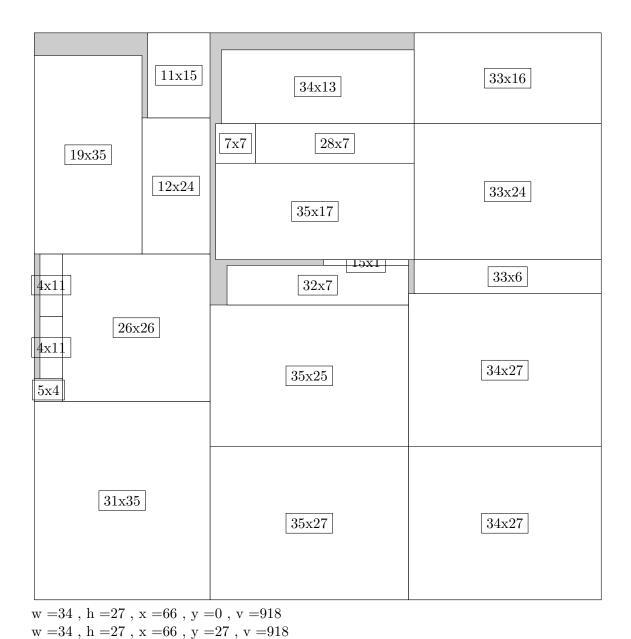
TypeNum: <u>96</u>
Num: <u>100</u>
OutS: <u>40000</u>
InS: <u>33240</u>
Rate: <u>0.831</u>

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

LBWithCut: $\underline{\mathbf{4}}$ NodeCount: $\underline{\mathbf{0}}$ 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: $\underline{\mathbf{1}}$

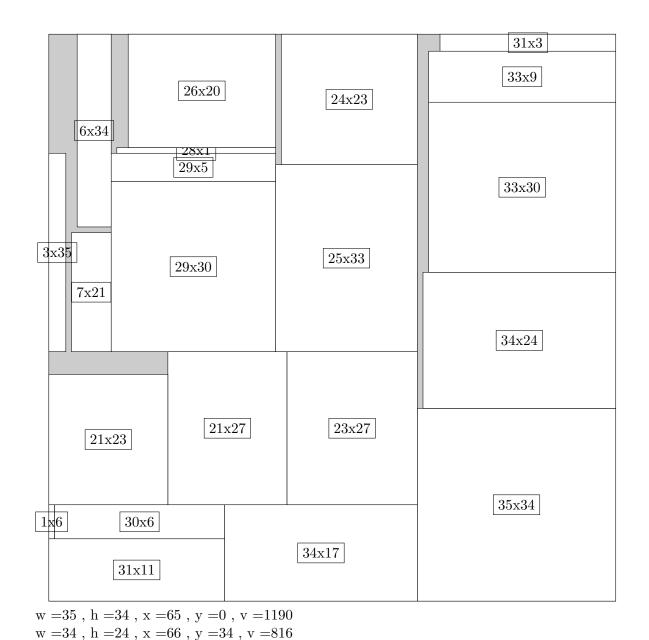
isOpt: $\underline{\mathbf{true}}$

TimeOnPrimal: $\underline{0.000 \text{ s}}$ TimeOnPricing: $\underline{0.000 \text{ s}}$ TimeOnRmp: $\underline{0.062 \text{ s}}$ TotalTime: $\underline{0.202 \text{ s}}$



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\begin{array}{l} w = & 33 \;, \; h = 6 \;, \; x = & 67 \;, \; y = & 54 \;, \; v = & 198 \\ w = & 35 \;, \; h = & 27 \;, \; x = & 31 \;, \; y = & 0 \;, \; v = & 945 \\ w = & 35 \;, \; h = & 25 \;, \; x = & 31 \;, \; y = & 27 \;, \; v = & 875 \\ w = & 32 \;, \; h = & 7 \;, \; x = & 34 \;, \; y = & 52 \;, \; v = & 224 \\ w = & 15 \;, \; h = & 1 \;, \; x = & 51 \;, \; y = & 59 \;, \; v = & 15 \\ w = & 33 \;, \; h = & 24 \;, \; x = & 67 \;, \; y = & 60 \;, \; v = & 792 \\ w = & 35 \;, \; h = & 17 \;, \; x = & 32 \;, \; y = & 60 \;, \; v = & 595 \\ w = & 28 \;, \; h = & 7 \;, \; x = & 39 \;, \; y = & 77 \;, \; v = & 196 \\ w = & 7 \;, \; h = & 7 \;, \; x = & 32 \;, \; y = & 77 \;, \; v = & 196 \\ w = & 33 \;, \; h = & 16 \;, \; x = & 67 \;, \; y = & 84 \;, \; v = & 528 \\ w = & 34 \;, \; h = & 13 \;, \; x = & 33 \;, \; y = & 84 \;, \; v = & 442 \\ w = & 31 \;, \; h = & 35 \;, \; x = & 0 \;, \; y = & 0 \;, \; v = & 1085 \\ \end{array}
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w = 26, h = 26, x = 5, y = 35, v = 676w = 5, h = 4, x = 0, y = 35, v = 20 $\begin{array}{l} w = \!\! 4 \ , \ h = \!\! 11 \ , \ x = \!\! 1 \ , \ y = \!\! 39 \ , \ v = \!\! 44 \\ w = \!\! 4 \ , \ h = \!\! 11 \ , \ x = \!\! 1 \ , \ y = \!\! 50 \ , \ v = \!\! 44 \\ w = \!\! 12 \ , \ h = \!\! 24 \ , \ x = \!\! 19 \ , \ y = \!\! 61 \ , \ v = \!\! 288 \\ w = \!\! 11 \ , \ h = \!\! 15 \ , \ x = \!\! 20 \ , \ y = \!\! 85 \ , \ v = \!\! 165 \\ w = \!\! 19 \ , \ h = \!\! 35 \ , \ x = \!\! 0 \ , \ y = \!\! 61 \ , \ v = \!\! 665 \end{array}$



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\begin{array}{l} w = & 33 \;, \; h = & 30 \;, \; x = & 67 \;, \; y = & 58 \;, \; v = & 990 \\ w = & 33 \;, \; h = & 9 \;, \; x = & 67 \;, \; y = & 88 \;, \; v = & 297 \\ w = & 31 \;, \; h = & 3 \;, \; x = & 69 \;, \; y = & 97 \;, \; v = & 93 \\ w = & 34 \;, \; h = & 17 \;, \; x = & 31 \;, \; y = & 0 \;, \; v = & 578 \\ w = & 31 \;, \; h = & 11 \;, \; x = & 0 \;, \; y = & 0 \;, \; v = & 341 \\ w = & 30 \;, \; h = & 6 \;, \; x = & 1 \;, \; y = & 11 \;, \; v = & 180 \\ w = & 1 \;, \; h = & 6 \;, \; x = & 0 \;, \; y = & 11 \;, \; v = & 6 \\ w = & 23 \;, \; h = & 27 \;, \; x = & 42 \;, \; y = & 17 \;, \; v = & 621 \\ \end{array}
```

$$w = 23$$
, $h = 27$, $x = 42$, $y = 17$, $v = 621$
 $w = 21$, $h = 27$, $x = 21$, $y = 17$, $v = 567$

$$w=21$$
 , $h=23$, $x=0$, $y=17$, $v=483$

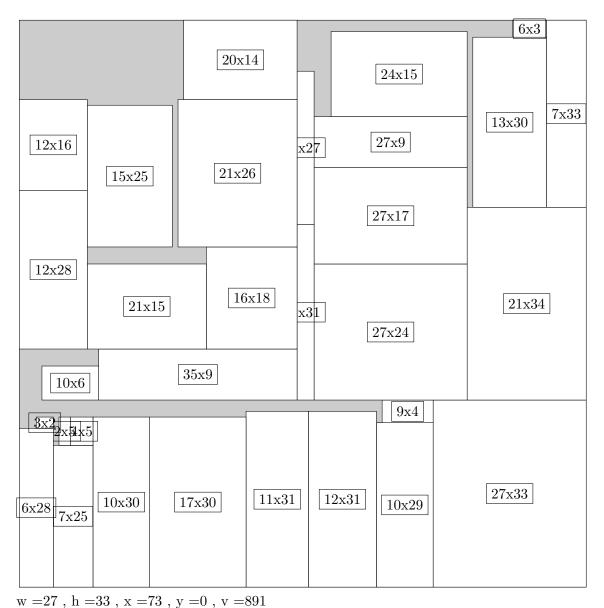
$$\le =25$$
 , h =33 , x =40 , y =44 , v =825

$$w$$
 =24 , h =23 , x =41 , y =77 , v =552

$$w=\!29$$
 , $h=\!30$, $x=\!11$, $y=\!44$, $v=\!870$

$$w = 29$$
, $h = 5$, $x = 11$, $y = 74$, $v = 145$

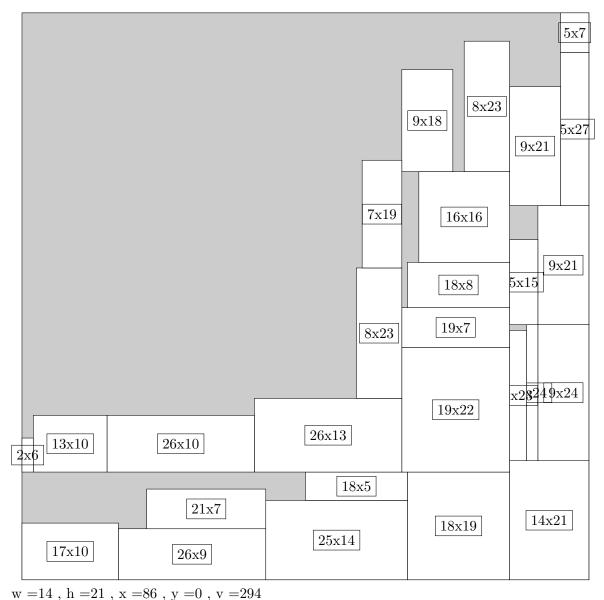
 $\begin{array}{l} w = 28 \; , \; h = 1 \; , \; x = 12 \; , \; y = 79 \; , \; v = 28 \\ w = 26 \; , \; h = 20 \; , \; x = 14 \; , \; y = 80 \; , \; v = 520 \\ w = 7 \; , \; h = 21 \; , \; x = 4 \; , \; y = 44 \; , \; v = 147 \\ w = 6 \; , \; h = 34 \; , \; x = 5 \; , \; y = 66 \; , \; v = 204 \\ w = 3 \; , \; h = 35 \; , \; x = 0 \; , \; y = 44 \; , \; v = 105 \end{array}$



```
\begin{array}{l} w=10\;,\;h=29\;,\;x=63\;,\;y=0\;,\;v=290\\ w=9\;,\;h=4\;,\;x=64\;,\;y=29\;,\;v=36\\ w=12\;,\;h=31\;,\;x=51\;,\;y=0\;,\;v=372\\ w=11\;,\;h=31\;,\;x=40\;,\;y=0\;,\;v=341\\ w=17\;,\;h=30\;,\;x=23\;,\;y=0\;,\;v=510\\ w=10\;,\;h=30\;,\;x=13\;,\;y=0\;,\;v=300\\ w=7\;,\;h=25\;,\;x=6\;,\;y=0\;,\;v=175\\ w=4\;,\;h=5\;,\;x=9\;,\;y=25\;,\;v=20\\ w=2\;,\;h=5\;,\;x=7\;,\;y=25\;,\;v=10\\ w=6\;,\;h=28\;,\;x=0\;,\;y=0\;,\;v=168\\ w=3\;,\;h=2\;,\;x=3\;,\;y=28\;,\;v=6\\ w=21\;,\;h=34\;,\;x=79\;,\;y=33\;,\;v=714\\ w=7\;,\;h=33\;,\;x=93\;,\;y=67\;,\;v=231\\ w=13\;,\;h=30\;,\;x=80\;,\;y=67\;,\;v=390\\ w=6\;,\;h=3\;,\;x=87\;,\;y=97\;,\;v=18\\ \end{array}
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\begin{array}{l} w=27 \;,\; h=24 \;,\; x=52 \;,\; y=33 \;,\; v=648 \\ w=27 \;,\; h=17 \;,\; x=52 \;,\; y=57 \;,\; v=459 \\ w=27 \;,\; h=9 \;,\; x=52 \;,\; y=74 \;,\; v=243 \\ w=24 \;,\; h=15 \;,\; x=55 \;,\; y=83 \;,\; v=360 \\ w=3 \;,\; h=31 \;,\; x=49 \;,\; y=33 \;,\; v=93 \\ w=3 \;,\; h=27 \;,\; x=49 \;,\; y=64 \;,\; v=81 \\ w=35 \;,\; h=9 \;,\; x=14 \;,\; y=33 \;,\; v=315 \\ w=10 \;,\; h=6 \;,\; x=4 \;,\; y=33 \;,\; v=60 \\ w=16 \;,\; h=18 \;,\; x=33 \;,\; y=42 \;,\; v=288 \\ w=21 \;,\; h=15 \;,\; x=12 \;,\; y=42 \;,\; v=315 \\ w=21 \;,\; h=26 \;,\; x=28 \;,\; y=60 \;,\; v=546 \\ w=20 \;,\; h=14 \;,\; x=29 \;,\; y=86 \;,\; v=280 \\ w=15 \;,\; h=25 \;,\; x=12 \;,\; y=60 \;,\; v=375 \\ w=12 \;,\; h=28 \;,\; x=0 \;,\; y=42 \;,\; v=336 \\ \end{array}
```

w = 12, h = 16, x = 0, y = 70, v = 192



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w = 9, h = 24, x = 91, y = 21, v = 216
w = 2, h = 24, x = 89, y = 21, v = 48
w = 3, h = 23, x = 86, y = 21, v = 69
w = 9, h = 21, x = 91, y = 45, v = 189
w = 5, h = 15, x = 86, y = 45, v = 75
w = 5, h = 27, x = 95, y = 66, v = 135
w = 5, h = 7, x = 95, y = 66, v = 135
w = 5, h = 21, x = 86, y = 66, v = 189
w = 18, h = 19, x = 68, y = 66, v = 189
w = 18, h = 19, x = 68, y = 0, v = 342
w = 25, h = 14, x = 43, y = 0, v = 350
w = 18, h = 5, x = 50, y = 14, v = 90
w = 26, h = 9, x = 17, y = 0, v = 234
w = 21, h = 7, x = 22, y = 9, v = 147
w = 17, h = 10, x = 0, y = 0, v = 170
w = 19, h = 22, x = 67, y = 19, v = 418
```

 $\begin{array}{l} w=19\;,\; h=7\;,\; x=67\;,\; y=41\;,\; v=133\\ w=18\;,\; h=8\;,\; x=68\;,\; y=48\;,\; v=144\\ w=16\;,\; h=16\;,\; x=70\;,\; y=56\;,\; v=256\\ w=8\;,\; h=23\;,\; x=78\;,\; y=72\;,\; v=184\\ w=9\;,\; h=18\;,\; x=67\;,\; y=72\;,\; v=162\\ w=26\;,\; h=13\;,\; x=41\;,\; y=19\;,\; v=338\\ w=26\;,\; h=10\;,\; x=15\;,\; y=19\;,\; v=260\\ w=13\;,\; h=10\;,\; x=2\;,\; y=19\;,\; v=130\\ w=2\;,\; h=6\;,\; x=0\;,\; y=19\;,\; v=12\\ w=8\;,\; h=23\;,\; x=59\;,\; y=32\;,\; v=184\\ w=7\;,\; h=19\;,\; x=60\;,\; y=55\;,\; v=133\\ \end{array}$