$ClassName: \ Class_04.2bp-39$

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

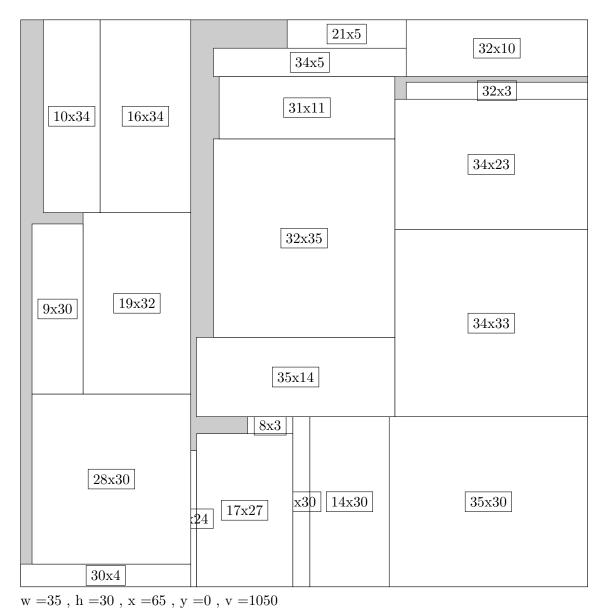
TypeNum: <u>79</u> Num: <u>80</u> OutS: <u>30000</u> InS: <u>25943</u> Rate: <u>0.865</u>

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

LBWithCut: $\underline{\mathbf{3}}$ NodeCount: $\underline{\mathbf{0}}$ 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: $\underline{\mathbf{true}}$

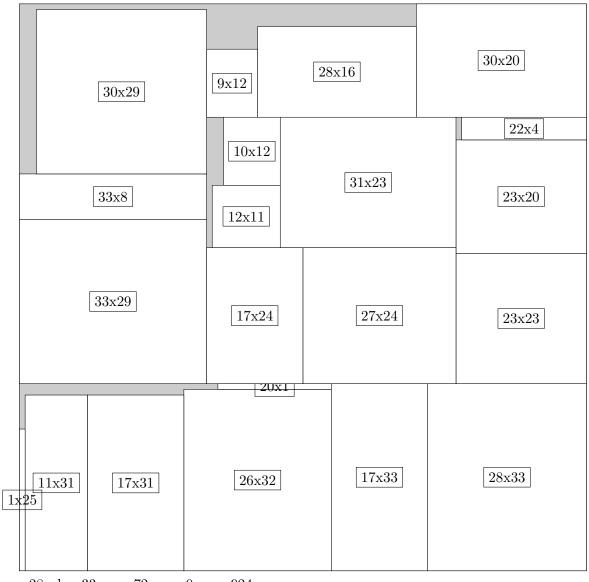
TimeOnPrimal: $\underline{0.000 \text{ s}}$ TimeOnPricing: $\underline{0.000 \text{ s}}$ TimeOnRmp: $\underline{0.063 \text{ s}}$ TotalTime: $\underline{0.234 \text{ s}}$



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\begin{array}{l} w = 14 \;,\; h = 30 \;,\; x = 51 \;,\; y = 0 \;,\; v = 420 \\ w = 3 \;,\; h = 30 \;,\; x = 48 \;,\; y = 0 \;,\; v = 90 \\ w = 17 \;,\; h = 27 \;,\; x = 31 \;,\; y = 0 \;,\; v = 459 \\ w = 8 \;,\; h = 3 \;,\; x = 40 \;,\; y = 27 \;,\; v = 24 \\ w = 1 \;,\; h = 24 \;,\; x = 30 \;,\; y = 0 \;,\; v = 24 \\ w = 34 \;,\; h = 33 \;,\; x = 66 \;,\; y = 30 \;,\; v = 1122 \\ w = 34 \;,\; h = 23 \;,\; x = 66 \;,\; y = 63 \;,\; v = 782 \\ w = 32 \;,\; h = 3 \;,\; x = 68 \;,\; y = 86 \;,\; v = 96 \\ w = 35 \;,\; h = 14 \;,\; x = 31 \;,\; y = 30 \;,\; v = 490 \\ w = 32 \;,\; h = 35 \;,\; x = 34 \;,\; y = 44 \;,\; v = 1120 \\ w = 31 \;,\; h = 11 \;,\; x = 35 \;,\; y = 79 \;,\; v = 341 \\ w = 32 \;,\; h = 10 \;,\; x = 68 \;,\; y = 90 \;,\; v = 320 \\ w = 34 \;,\; h = 5 \;,\; x = 34 \;,\; y = 90 \;,\; v = 170 \\ w = 21 \;,\; h = 5 \;,\; x = 47 \;,\; y = 95 \;,\; v = 105 \end{array}
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w = 30, h = 4, x = 0, y = 0, v = 120

 $\begin{array}{l} w=28 \ , \ h=30 \ , \ x=2 \ , \ y=4 \ , \ v=840 \\ w=19 \ , \ h=32 \ , \ x=11 \ , \ y=34 \ , \ v=608 \\ w=9 \ , \ h=30 \ , \ x=2 \ , \ y=34 \ , \ v=270 \\ w=16 \ , \ h=34 \ , \ x=14 \ , \ y=66 \ , \ v=544 \\ w=10 \ , \ h=34 \ , \ x=4 \ , \ y=66 \ , \ v=340 \end{array}$



$$w = 28$$
, $h = 33$, $x = 72$, $y = 0$, $v = 924$

$$w = 26$$
, $h = 32$, $x = 29$, $y = 0$, $v = 832$

$$w = 20$$
, $h = 1$, $x = 35$, $y = 32$, $v = 20$

$$w = 17$$
, $h = 31$, $x = 12$, $y = 0$, $v = 527$

$$w = 11$$
, $h = 31$, $x = 1$, $y = 0$, $v = 341$

$$w = 1$$
, $h = 25$, $x = 0$, $y = 0$, $v = 25$

$$w = 23$$
, $h = 23$, $x = 77$, $y = 33$, $v = 529$

$$w = 23$$
, $h = 20$, $x = 77$, $y = 56$, $v = 460$

$$w = 22$$
, $h = 4$, $x = 78$, $y = 76$, $v = 88$

$$w = 27$$
, $h = 24$, $x = 50$, $y = 33$, $v = 648$

$$w = 17$$
, $h = 24$, $x = 33$, $y = 33$, $v = 408$

$$w = 31$$
, $h = 23$, $x = 46$, $y = 57$, $v = 713$

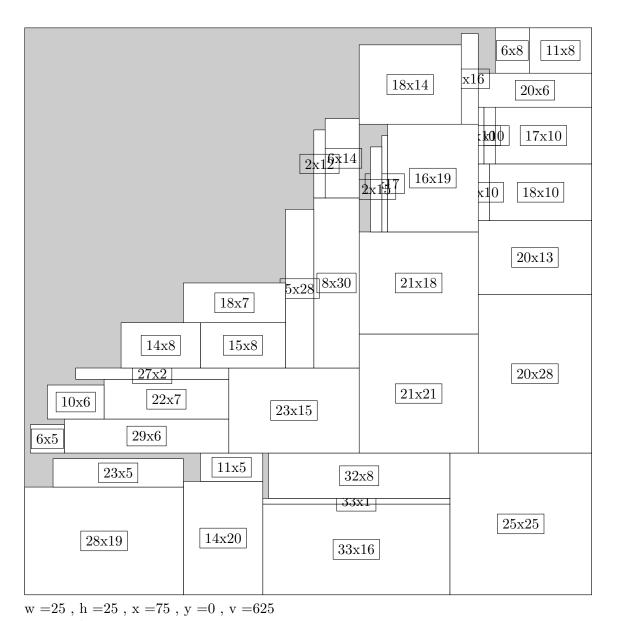
$$w = 12$$
, $h = 11$, $x = 34$, $y = 57$, $v = 132$

$$w = 10$$
, $h = 12$, $x = 36$, $y = 68$, $v = 120$

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

w = 17, h = 33, x = 55, y = 0, v = 561

 $\begin{array}{l} w = 28 \ , \ h = 16 \ , \ x = 42 \ , \ y = 80 \ , \ v = 448 \\ w = 9 \ , \ h = 12 \ , \ x = 33 \ , \ y = 80 \ , \ v = 108 \\ w = 33 \ , \ h = 29 \ , \ x = 0 \ , \ y = 33 \ , \ v = 957 \\ w = 33 \ , \ h = 8 \ , \ x = 0 \ , \ y = 62 \ , \ v = 264 \\ w = 30 \ , \ h = 29 \ , \ x = 3 \ , \ y = 70 \ , \ v = 870 \end{array}$



```
\begin{array}{l} w = 33 \; , \; h = 16 \; , \; x = 42 \; , \; y = 0 \; , \; v = 528 \\ w = 33 \; , \; h = 1 \; , \; x = 42 \; , \; y = 16 \; , \; v = 33 \\ w = 32 \; , \; h = 8 \; , \; x = 43 \; , \; y = 17 \; , \; v = 256 \\ w = 14 \; , \; h = 20 \; , \; x = 28 \; , \; y = 0 \; , \; v = 280 \\ w = 11 \; , \; h = 5 \; , \; x = 31 \; , \; y = 20 \; , \; v = 55 \\ w = 28 \; , \; h = 19 \; , \; x = 0 \; , \; y = 0 \; , \; v = 532 \\ w = 23 \; , \; h = 5 \; , \; x = 5 \; , \; y = 19 \; , \; v = 115 \\ w = 20 \; , \; h = 28 \; , \; x = 80 \; , \; y = 25 \; , \; v = 560 \\ w = 20 \; , \; h = 13 \; , \; x = 80 \; , \; y = 53 \; , \; v = 260 \\ w = 18 \; , \; h = 10 \; , \; x = 82 \; , \; y = 66 \; , \; v = 180 \\ w = 2 \; , \; h = 10 \; , \; x = 80 \; , \; y = 66 \; , \; v = 20 \\ w = 17 \; , \; h = 10 \; , \; x = 83 \; , \; y = 76 \; , \; v = 170 \\ w = 2 \; , \; h = 10 \; , \; x = 81 \; , \; y = 76 \; , \; v = 20 \\ w = 1 \; , \; h = 10 \; , \; x = 80 \; , \; y = 76 \; , \; v = 10 \end{array}
```

w = 20, h = 6, x = 80, y = 86, v = 120

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w = 11, h = 8, x = 89, y = 92, v = 88
w = 6, h = 8, x = 83, y = 92, v = 48
w = 21, h = 21, x = 59, y = 25, v = 441
w = 21, h = 18, x = 59, y = 46, v = 378
w = 16, h = 19, x = 64, y = 64, v = 304
w = 1, h = 17, x = 63, y = 64, v = 17
w = 2, h = 15, x = 61, y = 64, v = 30
w = 3, h = 16, x = 77, y = 83, v = 48
w = 18, h = 14, x = 59, y = 83, v = 252
w = 23, h = 15, x = 36, y = 25, v = 345
w = 29, h = 6, x = 7, y = 25, v = 174
w = 6, h = 5, x = 1, y = 25, v = 30
w = 22, h = 7, x = 14, y = 31, v = 154
w = 10, h = 6, x = 4, y = 31, v = 60
w = 27, h = 2, x = 9, y = 38, v = 54
w = 8, h = 30, x = 51, y = 40, v = 240
w = 6, h = 14, x = 53, y = 70, v = 84
w = 2, h = 12, x = 51, y = 70, v = 24
w = 5, h = 28, x = 46, y = 40, v = 140
w = 15, h = 8, x = 31, y = 40, v = 120
w = 14, h = 8, x = 17, y = 40, v = 112
```

w = 18, h = 7, x = 28, y = 48, v = 126