$ClassName: \ Class_06.2bp-20$

BinSize: 300×300 ReduceSize: 300×300

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>180000</u> InS: <u>170660</u> Rate: <u>0.948</u>

UB: <u>2</u> LB0: <u>2</u> LB: 2

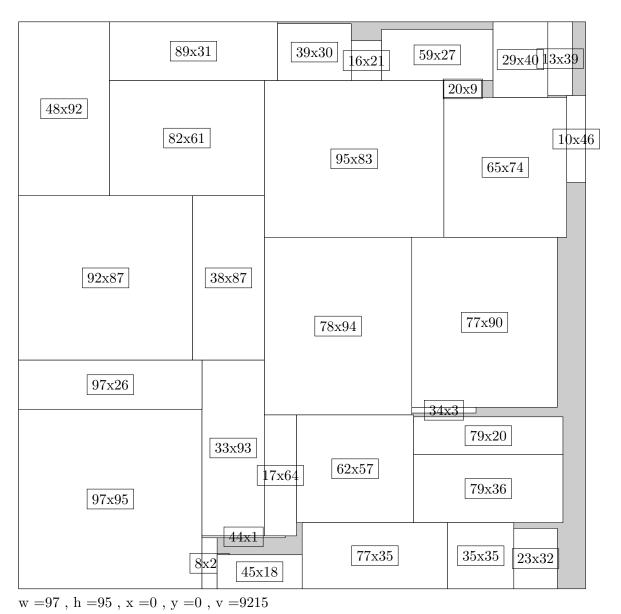
LBWithCut: $\underline{\mathbf{2}}$ NodeCut: $\underline{\mathbf{0}}$

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

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{2}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{\bf 2.320 \ s} \\ {\rm TimeOnPrimal:} \ \underline{\bf 0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{\bf 0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{\bf 0.078 \ s} \\ {\rm TotalTime:} \ \mathbf{2.460 \ s} \end{array}$



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\begin{array}{l} w = 92 \;, \; h = 87 \;, \; x = 0 \;, \; y = 121 \;, \; v = 8004 \\ w = 95 \;, \; h = 83 \;, \; x = 130 \;, \; y = 186 \;, \; v = 7885 \\ w = 78 \;, \; h = 94 \;, \; x = 130 \;, \; y = 92 \;, \; v = 7332 \\ w = 77 \;, \; h = 90 \;, \; x = 208 \;, \; y = 96 \;, \; v = 6930 \\ w = 82 \;, \; h = 61 \;, \; x = 48 \;, \; y = 208 \;, \; v = 5002 \\ w = 65 \;, \; h = 74 \;, \; x = 225 \;, \; y = 186 \;, \; v = 4810 \\ w = 48 \;, \; h = 92 \;, \; x = 0 \;, \; y = 208 \;, \; v = 4416 \\ w = 62 \;, \; h = 57 \;, \; x = 147 \;, \; y = 35 \;, \; v = 3534 \\ w = 8 \;, \; h = 27 \;, \; x = 97 \;, \; y = 0 \;, \; v = 216 \\ w = 38 \;, \; h = 87 \;, \; x = 92 \;, \; y = 121 \;, \; v = 3306 \\ w = 33 \;, \; h = 93 \;, \; x = 97 \;, \; y = 28 \;, \; v = 3069 \\ w = 79 \;, \; h = 36 \;, \; x = 209 \;, \; y = 35 \;, \; v = 2844 \\ w = 89 \;, \; h = 31 \;, \; x = 48 \;, \; y = 269 \;, \; v = 2759 \\ w = 77 \;, \; h = 35 \;, \; x = 150 \;, \; y = 0 \;, \; v = 2695 \\ w = 97 \;, \; h = 26 \;, \; x = 0 \;, \; y = 95 \;, \; v = 2522 \\ \end{array}
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w = 59, h = 27, x = 192, y = 269, v = 1593
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$$w = 79$$
, $h = 20$, $x = 209$, $y = 71$, $v = 1580$

$$w = 29$$
, $h = 40$, $x = 251$, $y = 260$, $v = 1160$

$$\le =39$$
 , h =30 , x =137 , y =269 , v =1170

$$w = 35$$
, $h = 35$, $x = 227$, $y = 0$, $v = 1225$

$$w = 17$$
, $h = 64$, $x = 130$, $y = 28$, $v = 1088$

$$w = 45$$
, $h = 18$, $x = 105$, $y = 0$, $v = 810$

$$\le =23$$
 , h =32 , x =262 , y =0 , v =736

$$w = 13$$
, $h = 39$, $x = 280$, $y = 261$, $v = 507$

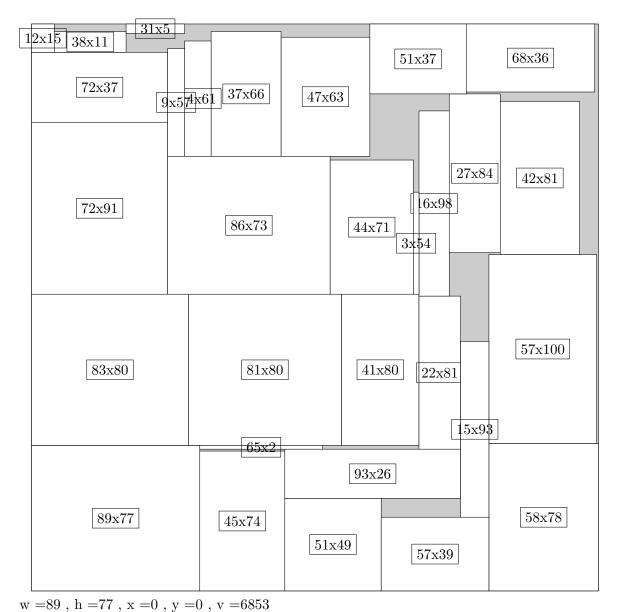
$$w = 10$$
 , $h = 46$, $x = 290$, $y = 215$, $v = 460$

$$w = 16$$
, $h = 21$, $x = 176$, $y = 269$, $v = 336$

$$\le =20$$
 , $h=9$, $x=225$, $y=260$, $v=180$

$$w = 34$$
, $h = 3$, $x = 208$, $y = 93$, $v = 102$

$$w = 44$$
, $h = 1$, $x = 97$, $y = 27$, $v = 44$



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\begin{array}{l} w = 83 \;, \; h = 80 \;, \; x = 0 \;, \; y = 77 \;, \; v = 6640 \\ w = 72 \;, \; h = 91 \;, \; x = 0 \;, \; y = 157 \;, \; v = 6552 \\ w = 81 \;, \; h = 80 \;, \; x = 83 \;, \; y = 77 \;, \; v = 6480 \\ w = 86 \;, \; h = 73 \;, \; x = 72 \;, \; y = 157 \;, \; v = 6278 \\ w = 57 \;, \; h = 100 \;, \; x = 242 \;, \; y = 78 \;, \; v = 5700 \\ w = 58 \;, \; h = 78 \;, \; x = 242 \;, \; y = 0 \;, \; v = 4524 \\ w = 45 \;, \; h = 74 \;, \; x = 89 \;, \; y = 0 \;, \; v = 3330 \\ w = 41 \;, \; h = 80 \;, \; x = 164 \;, \; y = 77 \;, \; v = 3280 \\ w = 44 \;, \; h = 71 \;, \; x = 158 \;, \; y = 157 \;, \; v = 3124 \\ w = 47 \;, \; h = 63 \;, \; x = 132 \;, \; y = 230 \;, \; v = 2961 \\ w = 72 \;, \; h = 37 \;, \; x = 0 \;, \; y = 248 \;, \; v = 2664 \\ w = 51 \;, \; h = 49 \;, \; x = 134 \;, \; y = 0 \;, \; v = 2449 \\ w = 68 \;, \; h = 36 \;, \; x = 230 \;, \; y = 264 \;, \; v = 2448 \\ w = 37 \;, \; h = 66 \;, \; x = 95 \;, \; y = 230 \;, \; v = 2442 \\ w = 93 \;, \; h = 26 \;, \; x = 134 \;, \; v = 49 \;, \; v = 2418 \\ \end{array}
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w = 27, h = 84, x = 221, y = 179, v = 2268
```

$$\le =57$$
 , h =39 , x =185 , y =0 , v =2223

$$w = 51$$
, $h = 37$, $x = 179$, $y = 263$, $v = 1887$

$$w = 22$$
, $h = 81$, $x = 205$, $y = 75$, $v = 1782$

$$\le =16$$
 , h =98 , x =205 , y =156 , v =1568

$$w = 15$$
, $h = 93$, $x = 227$, $y = 39$, $v = 1395$

$$w = 14$$
, $h = 61$, $x = 81$, $y = 230$, $v = 854$

$$w$$
 =9 , h =57 , x =72 , y =230 , v =513

$$w = 38$$
, $h = 11$, $x = 12$, $y = 285$, $v = 418$

$$w = 42$$
, $h = 81$, $x = 248$, $y = 178$, $v = 3402$

$$w = 12$$
, $h = 15$, $x = 0$, $y = 285$, $v = 180$

$$w = 3$$
, $h = 54$, $x = 202$, $y = 157$, $v = 162$

$$w = 31$$
, $h = 5$, $x = 50$, $y = 295$, $v = 155$

$$\le =65$$
 , h =2 , x =89 , y =75 , v =130