$ClassName: \ Class_06.2bp-48$

BinSize: 300×300 ReduceSize: 300×300

TypeNum: <u>100</u> Num: <u>100</u> OutS: <u>270000</u> InS: <u>249113</u> Rate: <u>0.923</u>

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

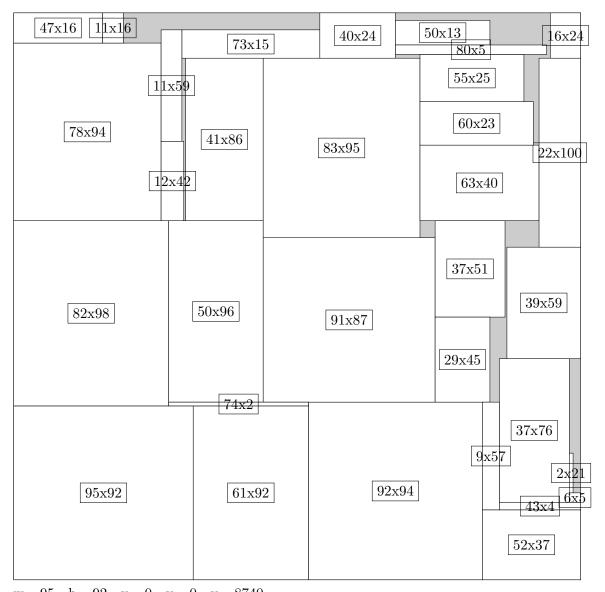
LBWithCut: $\underline{\mathbf{3}}$ NodeCut: $\underline{\mathbf{0}}$

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: <u>true</u>

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 0.141 s



```
w =95, h =92, x =0, y =0, v =8740
w =92, h =94, x =156, y =0, v =8648
```

$$w=\!82$$
 , $h=\!98$, $x=\!0$, $y=\!92$, $v=\!8036$

$$w$$
 =91 , h =87 , x =132 , y =94 , v =7917

$$w$$
 =83 , h =95 , x =132 , y =181 , v =7885

$$w = 78$$
, $h = 94$, $x = 0$, $y = 190$, $v = 7332$

$$w = 61$$
, $h = 92$, $x = 95$, $y = 0$, $v = 5612$

$$w = 50$$
, $h = 96$, $x = 82$, $y = 94$, $v = 4800$

$$w = 41$$
, $h = 86$, $x = 91$, $y = 190$, $v = 3526$
 $w = 37$, $h = 76$, $x = 257$, $y = 41$, $v = 2812$

$$w = 63$$
, $h = 40$, $x = 257$, $y = 41$, $v = 2612$
 $w = 63$, $h = 40$, $x = 215$, $y = 190$, $v = 2520$

$$w = 39$$
, $h = 59$, $x = 261$, $y = 117$, $v = 2301$

$$w = 23$$
, $h = 39$, $x = 201$, $y = 117$, $v = 2301$
 $w = 22$, $h = 100$, $x = 278$, $y = 176$, $v = 2200$

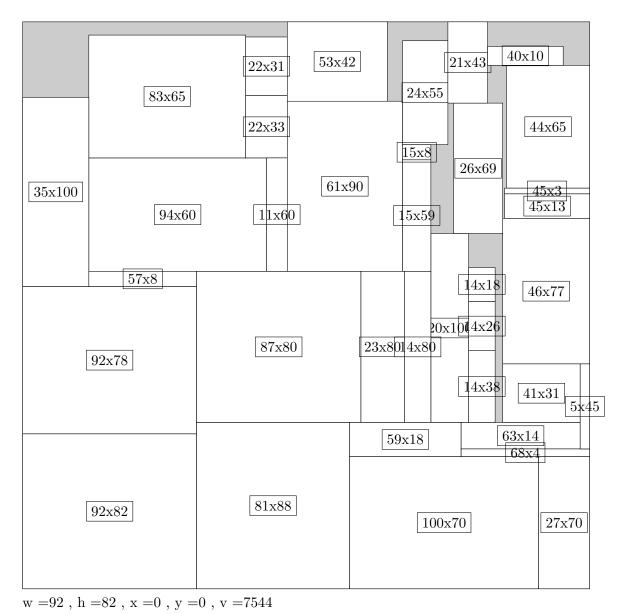
$$w = 52$$
, $h = 37$, $x = 248$, $y = 0$, $v = 1924$

$$w$$
 =37 , h =51 , x =223 , y =139 , v =1887

$$w$$
 =60 , h =23 , x =215 , y =230 , v =1380

```
\begin{array}{l} w = 55 \;, \; h = 25 \;, \; x = 215 \;, \; y = 253 \;, \; v = 1375 \\ w = 29 \;, \; h = 45 \;, \; x = 223 \;, \; y = 94 \;, \; v = 1305 \\ w = 73 \;, \; h = 15 \;, \; x = 89 \;, \; y = 276 \;, \; v = 1095 \\ w = 40 \;, \; h = 24 \;, \; x = 162 \;, \; y = 276 \;, \; v = 960 \\ w = 47 \;, \; h = 16 \;, \; x = 0 \;, \; y = 284 \;, \; v = 752 \\ w = 50 \;, \; h = 13 \;, \; x = 202 \;, \; y = 283 \;, \; v = 650 \\ w = 11 \;, \; h = 59 \;, \; x = 78 \;, \; y = 232 \;, \; v = 649 \\ w = 9 \;, \; h = 57 \;, \; x = 248 \;, \; y = 37 \;, \; v = 513 \\ w = 12 \;, \; h = 42 \;, \; x = 78 \;, \; y = 190 \;, \; v = 504 \\ w = 80 \;, \; h = 5 \;, \; x = 202 \;, \; y = 278 \;, \; v = 400 \\ w = 16 \;, \; h = 24 \;, \; x = 284 \;, \; y = 276 \;, \; v = 384 \\ w = 11 \;, \; h = 16 \;, \; x = 47 \;, \; y = 284 \;, \; v = 176 \\ w = 43 \;, \; h = 4 \;, \; x = 257 \;, \; y = 37 \;, \; v = 172 \\ w = 74 \;, \; h = 2 \;, \; x = 82 \;, \; y = 92 \;, \; v = 148 \\ w = 2 \;, \; h = 21 \;, \; x = 294 \;, \; y = 46 \;, \; v = 42 \\ \end{array}
```

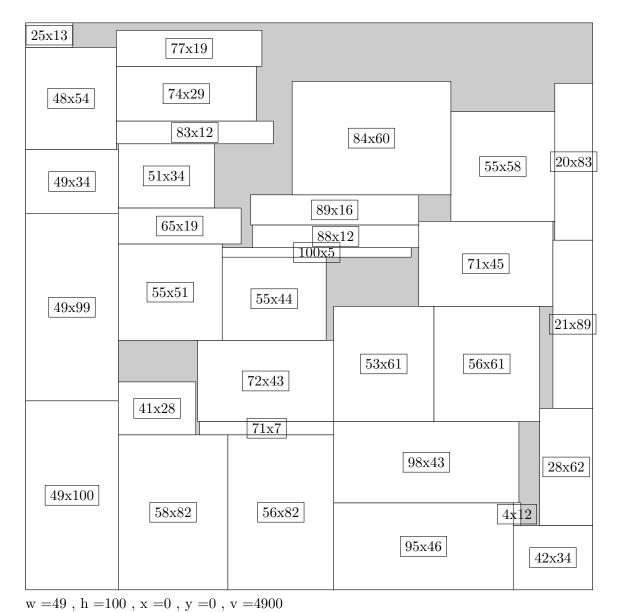
w = 6, h = 5, x = 294, y = 41, v = 30



```
\begin{array}{l} w = 92 \; , \; h = 78 \; , \; x = 0 \; , \; y = 82 \; , \; v = 7176 \\ w = 81 \; , \; h = 88 \; , \; x = 92 \; , \; y = 0 \; , \; v = 7128 \\ w = 100 \; , \; h = 70 \; , \; x = 173 \; , \; y = 0 \; , \; v = 7000 \\ w = 87 \; , \; h = 80 \; , \; x = 92 \; , \; y = 88 \; , \; v = 6960 \\ w = 94 \; , \; h = 60 \; , \; x = 35 \; , \; y = 168 \; , \; v = 5640 \\ w = 61 \; , \; h = 90 \; , \; x = 140 \; , \; y = 168 \; , \; v = 5490 \\ w = 83 \; , \; h = 65 \; , \; x = 35 \; , \; y = 228 \; , \; v = 5395 \\ w = 45 \; , \; h = 13 \; , \; x = 255 \; , \; y = 196 \; , \; v = 585 \\ w = 46 \; , \; h = 77 \; , \; x = 254 \; , \; y = 119 \; , \; v = 3542 \\ w = 35 \; , \; h = 100 \; , \; x = 0 \; , \; y = 160 \; , \; v = 3500 \\ w = 44 \; , \; h = 65 \; , \; x = 256 \; , \; y = 212 \; , \; v = 2860 \\ w = 53 \; , \; h = 42 \; , \; x = 140 \; , \; y = 258 \; , \; v = 2226 \\ w = 20 \; , \; h = 100 \; , \; x = 216 \; , \; y = 88 \; , \; v = 2000 \\ w = 27 \; , \; h = 70 \; , \; x = 273 \; , \; y = 0 \; , \; v = 1890 \\ w = 23 \; , \; h = 80 \; , \; x = 179 \; , \; y = 88 \; , \; v = 1840 \\ \end{array}
```

```
w = 26, h = 69, x = 228, y = 188, v = 1794
w = 24, h = 55, x = 201, y = 235, v = 1320
w = 41, h = 31, x = 254, y = 88, v = 1271
w = 14, h = 80, x = 202, y = 88, v = 1120
w = 59, h = 18, x = 173, y = 70, v = 1062
w = 21, h = 43, x = 225, y = 257, v = 903
w = 15, h = 59, x = 201, y = 168, v = 885
w = 63, h = 14, x = 232, y = 74, v = 882
w = 22, h = 33, x = 118, y = 228, v = 726
w = 22, h = 31, x = 118, y = 261, v = 682
w = 11, h = 60, x = 129, y = 168, v = 660
\le =14 , h=38 , x=236 , y=88 , v=532
w = 57, h = 8, x = 35, y = 160, v = 456
w = 40, h = 10, x = 246, y = 277, v = 400
w = 14, h = 26, x = 236, y = 126, v = 364
w = 68, h = 4, x = 232, y = 70, v = 272
w = 14, h = 18, x = 236, y = 152, v = 252
w = 5, h = 45, x = 295, y = 74, v = 225
w = 45, h = 3, x = 255, y = 209, v = 135
```

w = 15, h = 8, x = 201, y = 227, v = 120



```
w =49 , h =99 , x =0 , y =100 , v =4851

w =58 , h =82 , x =49 , y =0 , v =4756

w =56 , h =82 , x =107 , y =0 , v =4592

w =95 , h =46 , x =163 , y =0 , v =4370

w =98 , h =43 , x =163 , y =46 , v =4214

w =56 , h =61 , x =216 , y =89 , v =3416

w =53 , h =61 , x =163 , y =89 , v =3233

w =71 , h =45 , x =208 , y =150 , v =3195

w =55 , h =58 , x =225 , y =195 , v =3190

w =72 , h =43 , x =91 , y =89 , v =3096

w =55 , h =51 , x =49 , y =132 , v =2805

w =48 , h =54 , x =0 , y =233 , v =2592

w =55 , h =44 , x =104 , y =132 , v =2420

w =74 , h =29 , x =48 , y =248 , v =2146

w =21 , h =89 , x =279 , y =96 , v =1869
```

```
w =28 , h =62 , x =272 , y =34 , v =1736
```

$$w = 51$$
, $h = 34$, $x = 49$, $y = 202$, $v = 1734$

$$w = 49$$
, $h = 34$, $x = 0$, $y = 199$, $v = 1666$

$$w = 20$$
, $h = 83$, $x = 280$, $y = 185$, $v = 1660$

$$w = 77$$
, $h = 19$, $x = 48$, $y = 277$, $v = 1463$

$$w = 42$$
, $h = 34$, $x = 258$, $y = 0$, $v = 1428$

$$w = 89$$
, $h = 16$, $x = 119$, $y = 193$, $v = 1424$

$$\le =65$$
 , $h=19$, $x=49$, $y=183$, $v=1235$

$$w = 41$$
, $h = 28$, $x = 49$, $y = 82$, $v = 1148$

$$w = 88$$
, $h = 12$, $x = 120$, $y = 181$, $v = 1056$

$$w = 83$$
, $h = 12$, $x = 48$, $y = 236$, $v = 996$

$$\le =84$$
 , h =60 , x =141 , y =209 , v =5040

$$w = 100$$
, $h = 5$, $x = 104$, $y = 176$, $v = 500$

$$w = 71$$
, $h = 7$, $x = 92$, $y = 82$, $v = 497$

$$w = 25$$
, $h = 13$, $x = 0$, $y = 287$, $v = 325$

$$w = 4$$
, $h = 12$, $x = 258$, $y = 34$, $v = 48$