$ClassName: \ Class_06.2bp-46$

BinSize: 300×300 ReduceSize: 300×300

TypeNum: <u>99</u>
Num: <u>100</u>
OutS: <u>270000</u>
InS: <u>231135</u>
Rate: <u>0.856</u>

UB: **3** LB0: **3** LB: **3**

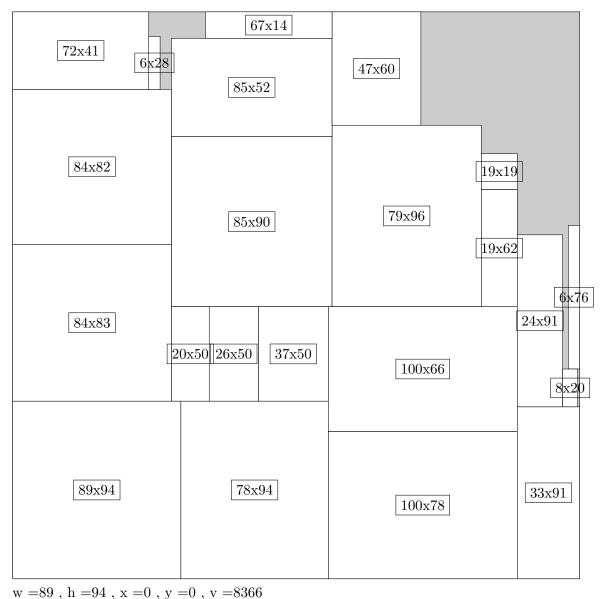
LBWithCut: $\underline{\mathbf{3}}$ NodeCut: $\underline{\mathbf{0}}$

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: **true**

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.020 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.078 \ s} \\ {\rm TotalTime:} \ \underline{0.145 \ s} \end{array}$



```
w = 100 , h = 78 , x = 167 , y = 0 , v = 7800

w = 85 , h = 90 , x = 84 , y = 144 , v = 7650

w = 79 , h = 96 , x = 169 , y = 144 , v = 7584

w = 78 , h = 94 , x = 89 , y = 0 , v = 7332

w = 84 , h = 83 , x = 0 , y = 94 , v = 6972

w = 84 , h = 82 , x = 0 , y = 177 , v = 6888

w = 100 , h = 66 , x = 167 , y = 78 , v = 6600

w = 85 , h = 52 , x = 84 , y = 234 , v = 4420

w = 33 , h = 91 , x = 267 , y = 0 , v = 3003

w = 72 , h = 41 , x = 0 , y = 259 , v = 2952

w = 47 , h = 60 , x = 169 , y = 240 , v = 2820

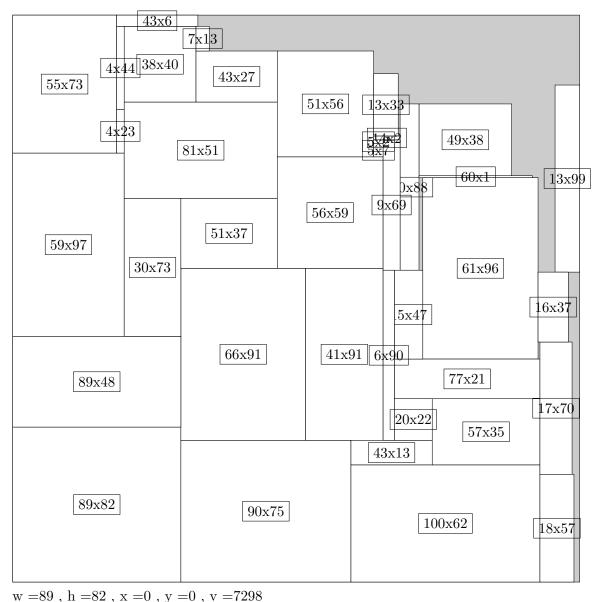
w = 24 , h = 91 , x = 267 , y = 91 , v = 2184

w = 37 , h = 50 , x = 130 , y = 94 , v = 1850

w = 26 , h = 50 , x = 104 , y = 94 , v = 1300

w = 19 , h = 62 , x = 248 , y = 144 , v = 1178
```

 $\begin{array}{l} w=20 \ , \ h=50 \ , \ x=84 \ , \ y=94 \ , \ v=1000 \\ w=67 \ , \ h=14 \ , \ x=102 \ , \ y=286 \ , \ v=938 \\ w=6 \ , \ h=76 \ , \ x=294 \ , \ y=111 \ , \ v=456 \\ w=19 \ , \ h=19 \ , \ x=248 \ , \ y=206 \ , \ v=361 \\ w=6 \ , \ h=28 \ , \ x=72 \ , \ y=259 \ , \ v=168 \\ w=8 \ , \ h=20 \ , \ x=291 \ , \ y=91 \ , \ v=160 \end{array}$



```
w =90 , h =75 , x =89 , y =0 , v =6750

w =100 , h =62 , x =179 , y =0 , v =6200

w =66 , h =91 , x =89 , y =75 , v =6006

w =61 , h =96 , x =217 , y =118 , v =5856

w =59 , h =97 , x =0 , y =130 , v =5723

w =89 , h =48 , x =0 , y =82 , v =4272

w =81 , h =51 , x =59 , y =203 , v =4131

w =55 , h =73 , x =0 , y =227 , v =4015

w =41 , h =91 , x =155 , y =75 , v =3731

w =56 , h =59 , x =140 , y =166 , v =3304

w =51 , h =56 , x =140 , y =225 , v =2856

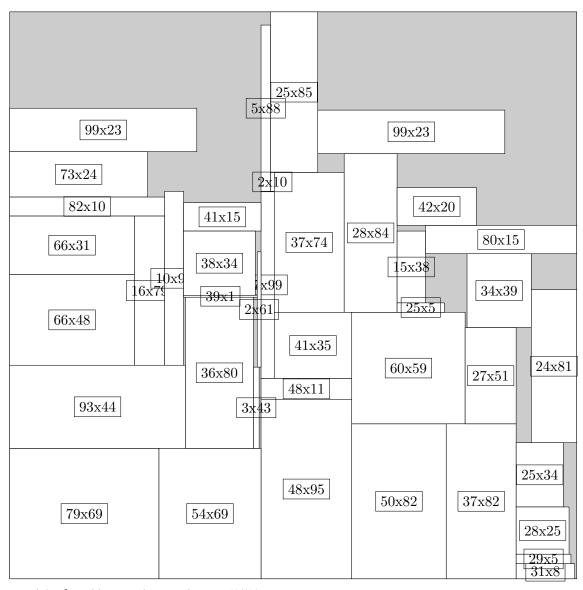
w =30 , h =73 , x =59 , y =130 , v =2190

w =57 , h =35 , x =222 , y =62 , v =1995

w =51 , h =37 , x =89 , y =166 , v =1887

w =49 , h =38 , x =215 , y =215 , v =1862
```

```
w = 77, h = 21, x = 202, y = 97, v = 1617
w = 38, h = 40, x = 59, y = 254, v = 1520
w = 4, h = 23, x = 55, y = 227, v = 92
w = 13, h = 99, x = 287, y = 164, v = 1287
w = 17, h = 70, x = 279, y = 57, v = 1190
w = 43, h = 27, x = 97, y = 254, v = 1161
w = 18, h = 57, x = 279, y = 0, v = 1026
w=\!10 , h=\!88 , x=\!205 , y=\!165 , v=\!880
w = 15, h = 47, x = 202, y = 118, v = 705
w = 9, h = 69, x = 196, y = 165, v = 621
w = 16, h = 37, x = 278, y = 127, v = 592
w = 43, h = 13, x = 179, y = 62, v = 559
w = 6, h = 90, x = 196, y = 75, v = 540
w = 20, h = 22, x = 202, y = 75, v = 440
w = 13, h = 33, x = 191, y = 236, v = 429
w = 43, h = 6, x = 55, y = 294, v = 258
w = 4, h = 44, x = 55, y = 250, v = 176
w = 7, h = 13, x = 97, y = 281, v = 91
w = 60, h = 1, x = 215, y = 214, v = 60
w =5 , h =7 , x =191 , y =225 , v =35
w = 14, h = 2, x = 191, y = 234, v = 28
w = 5, h = 2, x = 191, y = 232, v = 10
```



```
w = 79, h = 69, x = 0, y = 0, v = 5451
```

$$\le =48$$
 , h =95 , x =133 , y =0 , v =4560

$$w = \! 50 \ , \, h = \! 82 \ , \, x = \! 181 \ , \, y = \! 0 \ , \, v = \! 4100$$

$$w = 93$$
, $h = 44$, $x = 0$, $y = 69$, $v = 4092$

$$w = 54$$
, $h = 69$, $x = 79$, $y = 0$, $v = 3726$

$$w = 66$$
, $h = 48$, $x = 0$, $y = 113$, $v = 3168$

$$w$$
 =37 , h =82 , x =231 , y =0 , v =3034

$$w = 99$$
, $h = 23$, $x = 163$, $y = 225$, $v = 2277$

$$w = 99 \ , \ h = 23 \ , \ x = 0 \ , \ y = 226 \ , \ v = 2277$$

$$\le =25$$
 , h =85 , x =138 , y =215 , v =2125

$$w = 66$$
, $h = 31$, $x = 0$, $y = 161$, $v = 2046$

$$w = 24$$
, $h = 81$, $x = 276$, $y = 72$, $v = 1944$

```
w = 73, h = 24, x = 0, y = 202, v = 1752
w = 41, h = 35, x = 140, y = 106, v = 1435
w = 27, h = 51, x = 241, y = 82, v = 1377
w = 34, h = 39, x = 242, y = 133, v = 1326
w = 16, h = 79, x = 66, y = 113, v = 1264
w = 80, h = 15, x = 220, y = 172, v = 1200
w = 10, h = 92, x = 82, y = 113, v = 920
w = 25, h = 34, x = 268, y = 38, v = 850
w = 42, h = 20, x = 205, y = 187, v = 840
w = 82, h = 10, x = 0, y = 192, v = 820
w = 28, h = 25, x = 268, y = 13, v = 700
w = 7, h = 99, x = 133, y = 106, v = 693
w = 41, h = 15, x = 92, y = 184, v = 615
w = 15, h = 38, x = 205, y = 146, v = 570
w = 48, h = 11, x = 133, y = 95, v = 528
w = 5, h = 88, x = 133, y = 205, v = 440
w = 31, h = 8, x = 268, y = 0, v = 248
w = 29, h = 5, x = 268, y = 8, v = 145
w = 3, h = 43, x = 129, y = 69, v = 129
w = 25, h = 5, x = 205, y = 141, v = 125
w = 2, h = 61, x = 131, y = 112, v = 122
w = 38, h = 34, x = 92, y = 150, v = 1292
w = 39, h = 1, x = 92, y = 149, v = 39
```

w = 2, h = 10, x = 138, y = 205, v = 20