$ClassName: \ Class_06.2bp-38$

BinSize: 300×300 ReduceSize: 300×300

TypeNum: $\underline{79}$ Num: $\underline{80}$ OutS: $\underline{270000}$ InS: $\underline{234559}$ Rate: $\underline{0.869}$

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

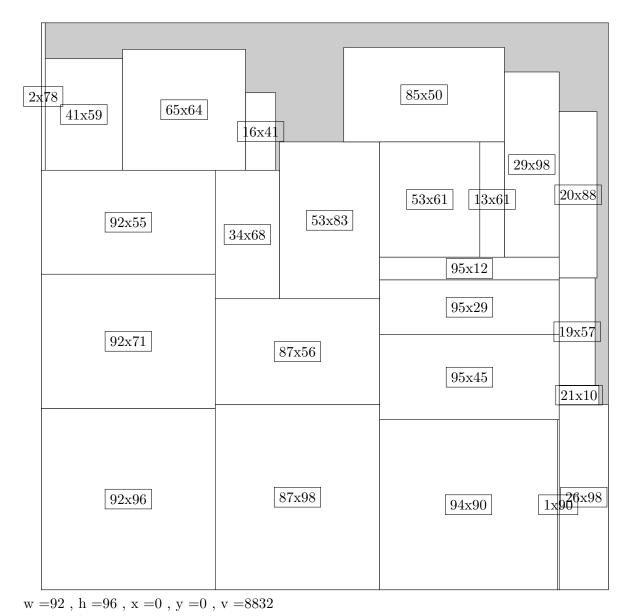
LBWithCut: $\underline{\mathbf{3}}$ NodeCut: $\underline{\mathbf{0}}$

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

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.020 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.094 \ s} \\ {\rm TotalTime:} \ \underline{0.192 \ s} \end{array}$



```
 \begin{array}{l} w = \!\!87 \;, \; h = \!\!98 \;, \; x = \!\!92 \;, \; y = \!\!0 \;, \; v = \!\!8526 \\ w = \!\!94 \;, \; h = \!\!90 \;, \; x = \!\!179 \;, \; y = \!\!0 \;, \; v = \!\!8460 \\ w = \!\!92 \;, \; h = \!\!71 \;, \; x = \!\!0 \;, \; y = \!\!96 \;, \; v = \!\!6532 \\ \end{array}
```

$$\begin{array}{l} w = \!\! 41 \ , \ h = \!\! 59 \ , \ x = \!\! 2 \ , \ y = \!\! 222 \ , \ v = \!\! 2419 \\ w = \!\! 92 \ , \ h = \!\! 55 \ , \ x = \!\! 0 \ , \ y = \!\! 167 \ , \ v = \!\! 5060 \\ \end{array}$$

$$w$$
 =87 , h =56 , x =92 , y =98 , v =4872

$$w = 95$$
, $h = 45$, $x = 179$, $y = 90$, $v = 4275$

$$w = 85$$
, $h = 50$, $x = 160$, $y = 237$, $v = 4250$

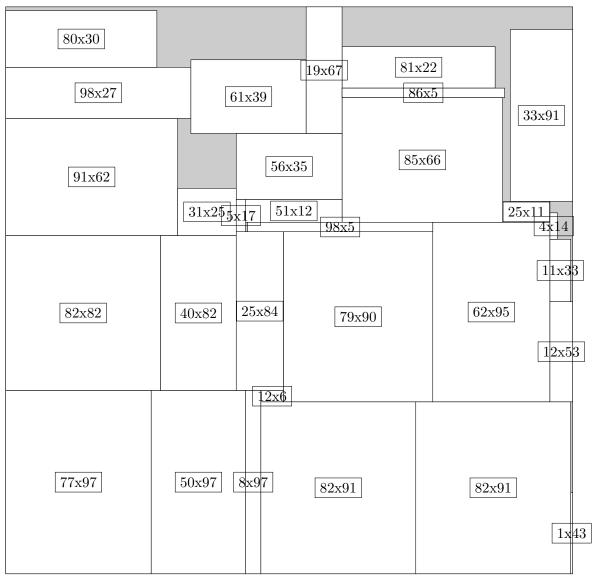
$$w = 65$$
, $h = 64$, $x = 43$, $y = 222$, $v = 4160$
 $w = 53$, $h = 61$, $x = 179$, $y = 176$, $v = 3233$

$$w = 95$$
, $h = 29$, $x = 179$, $y = 135$, $v = 2755$

$$w = 26$$
, $h = 98$, $x = 274$, $y = 0$, $v = 2548$

$$w = 34$$
, $h = 68$, $x = 92$, $y = 154$, $v = 2312$

```
\begin{array}{l} w=20 \ , \ h=88 \ , \ x=274 \ , \ y=165 \ , \ v=1760 \\ w=95 \ , \ h=12 \ , \ x=179 \ , \ y=164 \ , \ v=1140 \\ w=19 \ , \ h=57 \ , \ x=274 \ , \ y=108 \ , \ v=1083 \\ w=13 \ , \ h=61 \ , \ x=232 \ , \ y=176 \ , \ v=793 \\ w=16 \ , \ h=41 \ , \ x=108 \ , \ y=222 \ , \ v=656 \\ w=21 \ , \ h=10 \ , \ x=274 \ , \ y=98 \ , \ v=210 \\ w=2 \ , \ h=78 \ , \ x=0 \ , \ y=222 \ , \ v=156 \\ w=1 \ , \ h=90 \ , \ x=273 \ , \ y=0 \ , \ v=90 \\ \end{array}
```



```
w = 77, h = 97, x = 0, y = 0, v = 7469
```

$$w = 82$$
, $h = 91$, $x = 135$, $y = 0$, $v = 7462$

$$w = 82$$
, $h = 91$, $x = 217$, $y = 0$, $v = 7462$

$$w = 79$$
, $h = 90$, $x = 147$, $y = 91$, $v = 7110$

$$w = 82$$
, $h = 82$, $x = 0$, $y = 97$, $v = 6724$

$$w = 62$$
, $h = 95$, $x = 226$, $y = 91$, $v = 5890$

$$w = 91$$
, $h = 62$, $x = 0$, $y = 179$, $v = 5642$

$$w = 85$$
, $h = 66$, $x = 178$, $y = 186$, $v = 5610$

$$w = 50$$
, $h = 97$, $x = 77$, $y = 0$, $v = 4850$

$$w = 40$$
, $h = 82$, $x = 82$, $y = 97$, $v = 3280$

$$w = 33$$
, $h = 91$, $x = 267$, $y = 197$, $v = 3003$

$$w = 98$$
, $h = 27$, $x = 0$, $y = 241$, $v = 2646$

$$w = 80$$
, $h = 30$, $x = 0$, $y = 268$, $v = 2400$

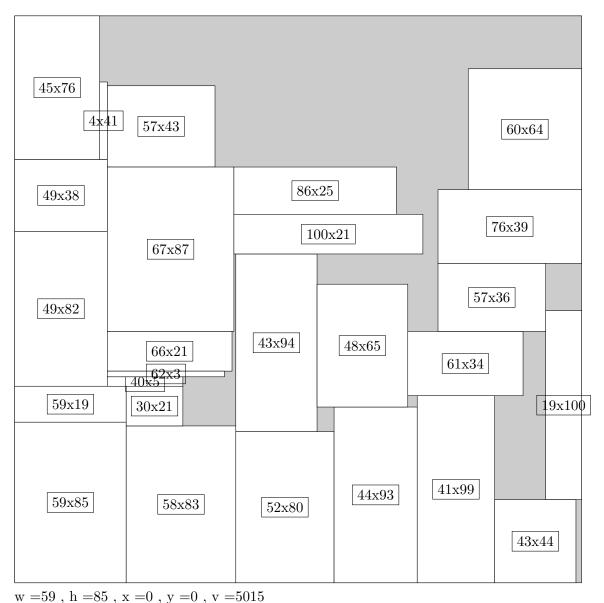
$$w = 61$$
, $h = 39$, $x = 98$, $y = 233$, $v = 2379$

$$w = 25$$
, $h = 84$, $x = 122$, $y = 97$, $v = 2100$

$$w = 56$$
, $h = 35$, $x = 122$, $y = 198$, $v = 1960$

```
\begin{array}{l} w=81\;,\; h=22\;,\; x=178\;,\; y=257\;,\; v=1782\\ w=19\;,\; h=67\;,\; x=159\;,\; y=233\;,\; v=1273\\ w=8\;,\; h=97\;,\; x=127\;,\; y=0\;,\; v=776\\ w=31\;,\; h=25\;,\; x=91\;,\; y=179\;,\; v=775\\ w=12\;,\; h=53\;,\; x=288\;,\; y=91\;,\; v=636\\ w=51\;,\; h=12\;,\; x=127\;,\; y=186\;,\; v=612\\ w=98\;,\; h=5\;,\; x=128\;,\; y=181\;,\; v=490\\ w=86\;,\; h=5\;,\; x=178\;,\; y=252\;,\; v=430\\ w=11\;,\; h=33\;,\; x=288\;,\; y=144\;,\; v=363\\ w=25\;,\; h=11\;,\; x=263\;,\; y=186\;,\; v=275\\ w=5\;,\; h=17\;,\; x=122\;,\; y=181\;,\; v=85\\ w=12\;,\; h=6\;,\; x=135\;,\; y=91\;,\; v=72\\ w=4\;,\; h=14\;,\; x=288\;,\; y=177\;,\; v=56\\ \end{array}
```

w = 1, h = 43, x = 299, y = 0, v = 43



```
w =58 , h =83 , x =59 , y =0 , v =4814

w =52 , h =80 , x =117 , y =0 , v =4160

w =44 , h =93 , x =169 , y =0 , v =4092

w =41 , h =99 , x =213 , y =0 , v =4059

w =43 , h =94 , x =117 , y =80 , v =4042

w =49 , h =82 , x =0 , y =104 , v =4018

w =60 , h =64 , x =240 , y =208 , v =3840

w =45 , h =76 , x =0 , y =224 , v =3420

w =48 , h =65 , x =160 , y =93 , v =3120

w =76 , h =39 , x =224 , y =169 , v =2964

w =57 , h =43 , x =49 , y =220 , v =2451

w =67 , h =87 , x =49 , y =133 , v =5829

w =86 , h =25 , x =116 , y =195 , v =2150

w =100 , h =21 , x =116 , y =174 , v =2100

w =61 , h =34 , x =208 , y =99 , v =2074
```

$$w = 57$$
, $h = 36$, $x = 224$, $y = 133$, $v = 2052$

$$w = 19$$
, $h = 100$, $x = 281$, $y = 44$, $v = 1900$

$$\mathbf{w}$$
 =43 , h =44 , x =254 , y =0 , v =1892

$$\le =49$$
 , h =38 , x =0 , y =186 , v =1862

$$\le =66$$
 , h =21 , x =49 , y =112 , v =1386

$$w=\!59$$
 , $h=\!19$, $x=\!0$, $y=\!85$, $v=\!1121$

$$w = 30$$
, $h = 21$, $x = 59$, $y = 83$, $v = 630$

$$\le =40$$
 , $h=5$, $x=\!49$, $y=\!104$, $v=\!200$

$$w = 62$$
, $h = 3$, $x = 49$, $y = 109$, $v = 186$

$$w = 4$$
, $h = 41$, $x = 45$, $y = 224$, $v = 164$