$ClassName: \ Class\_06.2bp-49$ 

BinSize:  $300 \times 300$ ReduceSize:  $300 \times 300$ 

TypeNum: <u>100</u> Num: <u>100</u> OutS: <u>360000</u> InS: <u>292519</u> Rate: <u>0.813</u>

UB: <u>4</u> LB0: <u>4</u> LB: **4** 

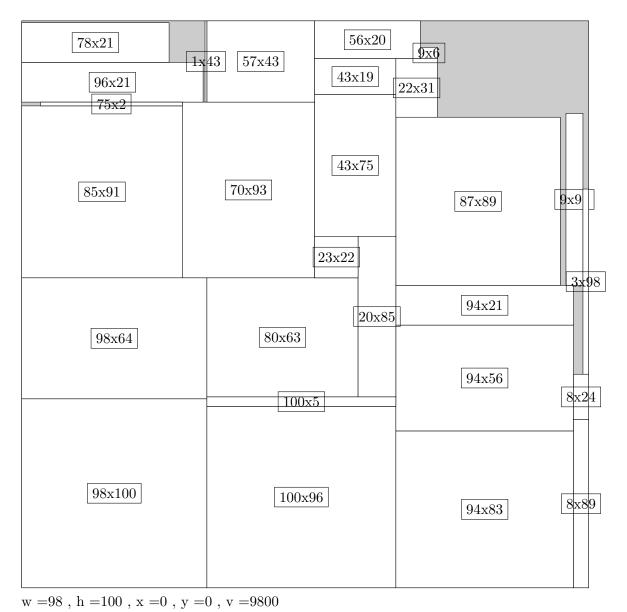
LBWithCut:  $\underline{\mathbf{4}}$  NodeCut:  $\underline{\mathbf{0}}$ 

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

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{4}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

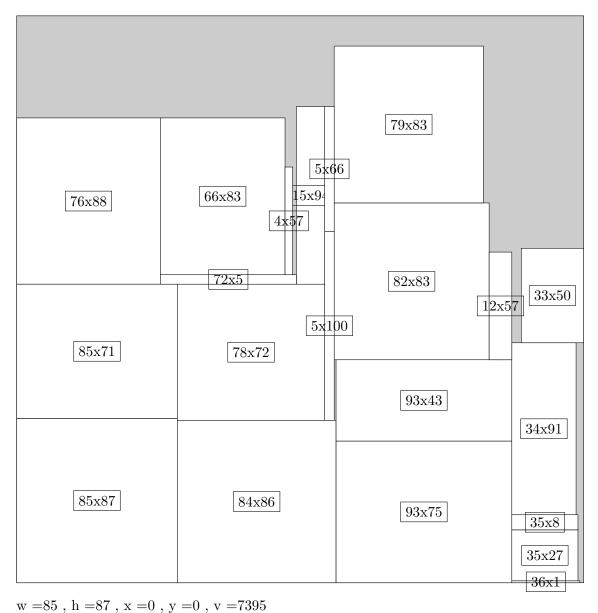
is Opt:  $\underline{\mathbf{true}}$ 

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 0.125 s



```
\begin{array}{l} w=100\;,\; h=96\;,\; x=98\;,\; y=0\;,\; v=9600\\ w=94\;,\; h=83\;,\; x=198\;,\; y=0\;,\; v=7802\\ w=87\;,\; h=89\;,\; x=198\;,\; y=160\;,\; v=7743\\ w=85\;,\; h=91\;,\; x=0\;,\; y=164\;,\; v=7735\\ w=70\;,\; h=93\;,\; x=85\;,\; y=164\;,\; v=6510\\ w=98\;,\; h=64\;,\; x=0\;,\; y=100\;,\; v=6272\\ w=94\;,\; h=56\;,\; x=198\;,\; y=83\;,\; v=5264\\ w=80\;,\; h=63\;,\; x=98\;,\; y=101\;,\; v=5040\\ w=43\;,\; h=75\;,\; x=155\;,\; y=186\;,\; v=3225\\ w=57\;,\; h=43\;,\; x=98\;,\; y=257\;,\; v=2451\\ w=96\;,\; h=21\;,\; x=0\;,\; y=257\;,\; v=2016\\ w=94\;,\; h=21\;,\; x=198\;,\; y=139\;,\; v=1974\\ w=20\;,\; h=85\;,\; x=178\;,\; y=101\;,\; v=1700\\ w=78\;,\; h=21\;,\; x=0\;,\; y=278\;,\; v=1638\\ w=56\;,\; h=20\;,\; x=155\;,\; y=280\;,\; v=1120\\ \end{array}
```

 $\begin{array}{l} w=9\ ,\ h=91\ ,\ x=288\ ,\ y=160\ ,\ v=819\\ w=43\ ,\ h=19\ ,\ x=155\ ,\ y=261\ ,\ v=817\\ w=8\ ,\ h=89\ ,\ x=292\ ,\ y=0\ ,\ v=712\\ w=22\ ,\ h=31\ ,\ x=198\ ,\ y=249\ ,\ v=682\\ w=23\ ,\ h=22\ ,\ x=155\ ,\ y=164\ ,\ v=506\\ w=100\ ,\ h=5\ ,\ x=98\ ,\ y=96\ ,\ v=500\\ w=3\ ,\ h=98\ ,\ x=297\ ,\ y=113\ ,\ v=294\\ w=8\ ,\ h=24\ ,\ x=292\ ,\ y=89\ ,\ v=192\\ w=75\ ,\ h=2\ ,\ x=10\ ,\ y=255\ ,\ v=150\\ w=9\ ,\ h=6\ ,\ x=211\ ,\ y=280\ ,\ v=54\\ w=1\ ,\ h=43\ ,\ x=97\ ,\ y=257\ ,\ v=43\\ \end{array}$ 



```
w =84 , h =86 , x =85 , y =0 , v =7224

w =93 , h =75 , x =169 , y =0 , v =6975

w =82 , h =83 , x =168 , y =118 , v =6806

w =76 , h =88 , x =0 , y =158 , v =6688

w =79 , h =83 , x =168 , y =201 , v =6557

w =85 , h =71 , x =0 , y =87 , v =6035

w =78 , h =72 , x =85 , y =86 , v =5616

w =66 , h =83 , x =76 , y =163 , v =5478

w =93 , h =43 , x =169 , y =75 , v =3999

w =34 , h =91 , x =262 , y =36 , v =3094

w =33 , h =50 , x =267 , y =127 , v =1650

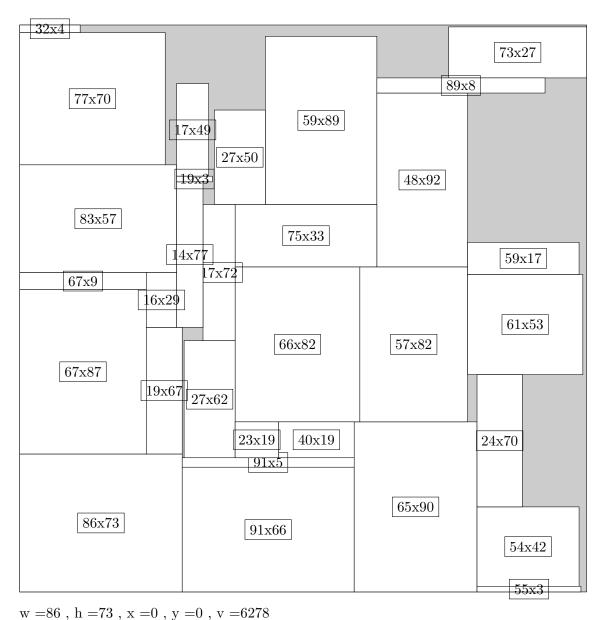
w =15 , h =94 , x =148 , y =158 , v =1410

w =35 , h =27 , x =262 , y =1 , v =945

w =12 , h =57 , x =250 , y =118 , v =684

w =5 , h =100 , x =163 , y =86 , v =500
```

 $\begin{array}{l} w = & 72 \ , \ h = & 5 \ , \ x = & 76 \ , \ y = & 158 \ , \ v = & 360 \\ w = & 5 \ , \ h = & 66 \ , \ x = & 163 \ , \ y = & 186 \ , \ v = & 330 \\ w = & 35 \ , \ h = & 8 \ , \ x = & 262 \ , \ y = & 28 \ , \ v = & 280 \\ w = & 4 \ , \ h = & 57 \ , \ x = & 142 \ , \ y = & 163 \ , \ v = & 228 \\ w = & 36 \ , \ h = & 1 \ , \ x = & 262 \ , \ y = & 0 \ , \ v = & 36 \end{array}$ 



```
\begin{array}{l} w = 91 \;,\; h = 66 \;,\; x = 86 \;,\; y = 0 \;,\; v = 6006 \\ w = 65 \;,\; h = 90 \;,\; x = 177 \;,\; y = 0 \;,\; v = 5850 \\ w = 67 \;,\; h = 87 \;,\; x = 0 \;,\; y = 73 \;,\; v = 5829 \\ w = 66 \;,\; h = 82 \;,\; x = 114 \;,\; y = 90 \;,\; v = 5412 \\ w = 77 \;,\; h = 70 \;,\; x = 0 \;,\; y = 226 \;,\; v = 5390 \\ w = 59 \;,\; h = 89 \;,\; x = 130 \;,\; y = 205 \;,\; v = 5251 \\ w = 83 \;,\; h = 57 \;,\; x = 0 \;,\; y = 169 \;,\; v = 4731 \\ w = 57 \;,\; h = 82 \;,\; x = 180 \;,\; y = 90 \;,\; v = 4674 \\ w = 48 \;,\; h = 92 \;,\; x = 189 \;,\; y = 172 \;,\; v = 4416 \\ w = 61 \;,\; h = 53 \;,\; x = 237 \;,\; y = 115 \;,\; v = 3233 \\ w = 75 \;,\; h = 33 \;,\; x = 114 \;,\; y = 172 \;,\; v = 2475 \\ w = 54 \;,\; h = 42 \;,\; x = 242 \;,\; y = 3 \;,\; v = 2268 \\ w = 73 \;,\; h = 27 \;,\; x = 227 \;,\; y = 272 \;,\; v = 1971 \\ w = 24 \;,\; h = 70 \;,\; x = 242 \;,\; y = 45 \;,\; v = 1680 \\ \end{array}
```

```
w = 27, h = 62, x = 87, y = 71, v = 1674
```

$$w = 27$$
,  $h = 50$ ,  $x = 103$ ,  $y = 205$ ,  $v = 1350$ 

$$w = 19$$
,  $h = 67$ ,  $x = 67$ ,  $y = 73$ ,  $v = 1273$ 

$$w$$
 =17 ,  $h$  =72 ,  $x$  =97 ,  $y$  =133 ,  $v$  =1224

$$w = 14$$
,  $h = 77$ ,  $x = 83$ ,  $y = 140$ ,  $v = 1078$ 

$$w = 59$$
,  $h = 17$ ,  $x = 237$ ,  $y = 168$ ,  $v = 1003$ 

$$w = 17$$
,  $h = 49$ ,  $x = 83$ ,  $y = 220$ ,  $v = 833$ 

$$\mathbf{w}$$
 =40 , h =19 , x =137 , y =71 , v =760

$$\le =89$$
 ,  $h$  =8 ,  $x$  =189 ,  $y$  =264 ,  $v$  =712

$$w = 67$$
,  $h = 9$ ,  $x = 0$ ,  $y = 160$ ,  $v = 603$ 

$$w = 91$$
,  $h = 5$ ,  $x = 86$ ,  $y = 66$ ,  $v = 455$ 

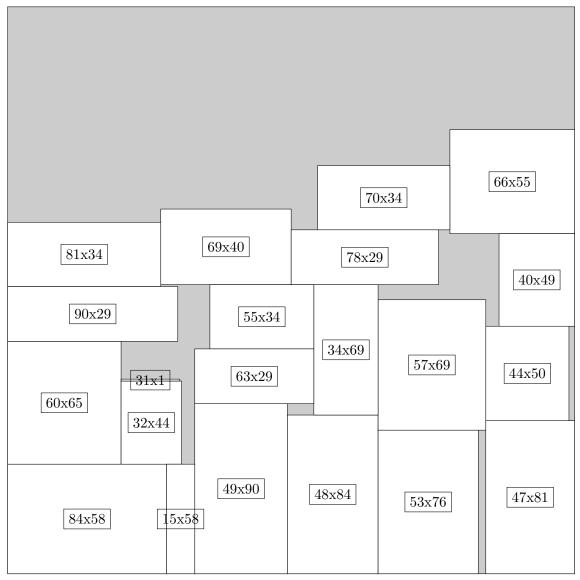
$$w = 23$$
,  $h = 19$ ,  $x = 114$ ,  $y = 71$ ,  $v = 437$ 

$$w = 16$$
,  $h = 29$ ,  $x = 67$ ,  $y = 140$ ,  $v = 464$ 

$$w=\!55$$
 ,  $h=\!3$  ,  $x=\!242$  ,  $y=\!0$  ,  $v=\!165$ 

$$w = 32$$
,  $h = 4$ ,  $x = 0$ ,  $y = 296$ ,  $v = 128$ 

$$w$$
 =19 , h =3 , x =83 , y =217 , v =57



```
w = 84, h = 58, x = 0, y = 0, v = 4872
```

$$w = 49$$
,  $h = 90$ ,  $x = 99$ ,  $y = 0$ ,  $v = 4410$ 

$$w = 48$$
,  $h = 84$ ,  $x = 148$ ,  $y = 0$ ,  $v = 4032$ 

$$w = 53$$
,  $h = 76$ ,  $x = 196$ ,  $y = 0$ ,  $v = 4028$ 

$$w = 60$$
,  $h = 65$ ,  $x = 0$ ,  $y = 58$ ,  $v = 3900$ 

$$w = 47$$
,  $h = 81$ ,  $x = 253$ ,  $y = 0$ ,  $v = 3807$ 

$$w = 66$$
,  $h = 55$ ,  $x = 234$ ,  $y = 180$ ,  $v = 3630$ 

$$w = 69$$
,  $h = 40$ ,  $x = 81$ ,  $y = 153$ ,  $v = 2760$ 

$$w = 81$$
,  $h = 34$ ,  $x = 0$ ,  $y = 152$ ,  $v = 2754$ 

$$w = 90$$
,  $h = 29$ ,  $x = 0$ ,  $y = 123$ ,  $v = 2610$ 

$$w = 70$$
,  $h = 34$ ,  $x = 164$ ,  $y = 182$ ,  $v = 2380$ 

$$w = 34$$
,  $h = 69$ ,  $x = 162$ ,  $y = 84$ ,  $v = 2346$ 

$$w$$
 =78 ,  $h$  =29 ,  $x$  =150 ,  $y$  =153 ,  $v$  =2262

$$w = 44$$
,  $h = 50$ ,  $x = 253$ ,  $y = 81$ ,  $v = 2200$ 

$$w = 40$$
,  $h = 49$ ,  $x = 260$ ,  $y = 131$ ,  $v = 1960$ 

 $\le =55$  , h =34 , x =107 , y =119 , v =1870

 $\le =63$  , h =29 , x =99 , y =90 , v =1827

 $\le =32$  , h =44 , x =60 , y =58 , v =1408

 $\le =15$  , h =58 , x =84 , y =0 , v =870

 $\le =31$  , h =1 , x =60 , y =102 , v =31