$ClassName: \ Class\_06.2bp-32$ 

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

TypeNum: <u>79</u> Num: <u>80</u> OutS: <u>270000</u> InS: <u>195188</u> Rate: <u>0.723</u>

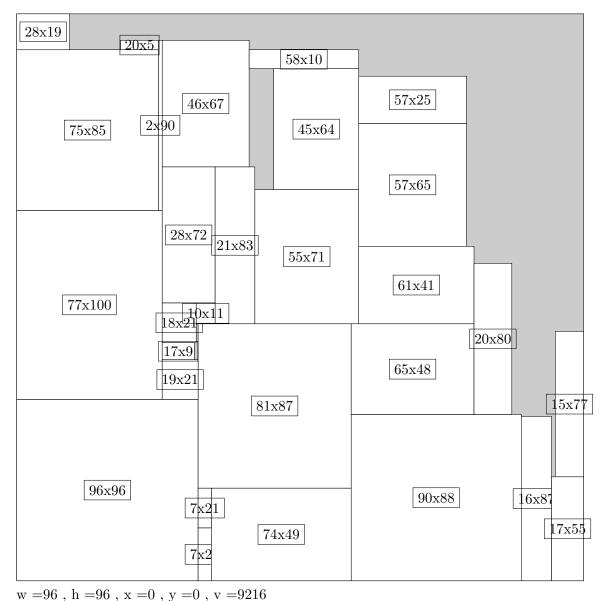
UB: <u>3</u> LB0: <u>3</u> LB: **3** 

LBWithCut:  $\underline{\mathbf{3}}$ NodeCut:  $\underline{\mathbf{0}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{3}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ 

isOpt: **true** 

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 0.109 s

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



```
w = 7, h = 28, x = 96, y = 0, v = 196

w = 90, h = 88, x = 177, y = 0, v = 7920

w = 77, h = 100, x = 0, y = 96, v = 7700

w = 81, h = 87, x = 96, y = 49, v = 7047

w = 75, h = 85, x = 0, y = 196, v = 6375

w = 55, h = 71, x = 126, y = 136, v = 3905

w = 57, h = 65, x = 181, y = 177, v = 3705

w = 74, h = 49, x = 103, y = 0, v = 3626

w = 65, h = 48, x = 177, y = 88, v = 3120

w = 46, h = 67, x = 77, y = 219, v = 3082

w = 45, h = 64, x = 136, y = 207, v = 2880

w = 61, h = 41, x = 181, y = 136, v = 2501

w = 28, h = 72, x = 77, y = 147, v = 2016

w = 21, h = 83, x = 105, y = 136, v = 1743

w = 20, h = 80, x = 242, y = 88, v = 1600
```

```
w = 57, h = 25, x = 181, y = 242, v = 1425
```

$$w = 16$$
,  $h = 87$ ,  $x = 267$ ,  $y = 0$ ,  $v = 1392$ 

$$w = 15$$
,  $h = 77$ ,  $x = 285$ ,  $y = 55$ ,  $v = 1155$ 

$$\le =17$$
 , h =55 , x =283 , y =0 , v =935

$$w = 58$$
,  $h = 10$ ,  $x = 123$ ,  $y = 271$ ,  $v = 580$ 

$$w = 28$$
,  $h = 19$ ,  $x = 0$ ,  $y = 281$ ,  $v = 532$ 

$$w = 19$$
,  $h = 21$ ,  $x = 77$ ,  $y = 96$ ,  $v = 399$ 

$$w=\!18$$
 ,  $h=\!21$  ,  $x=\!77$  ,  $y=\!126$  ,  $v=\!378$ 

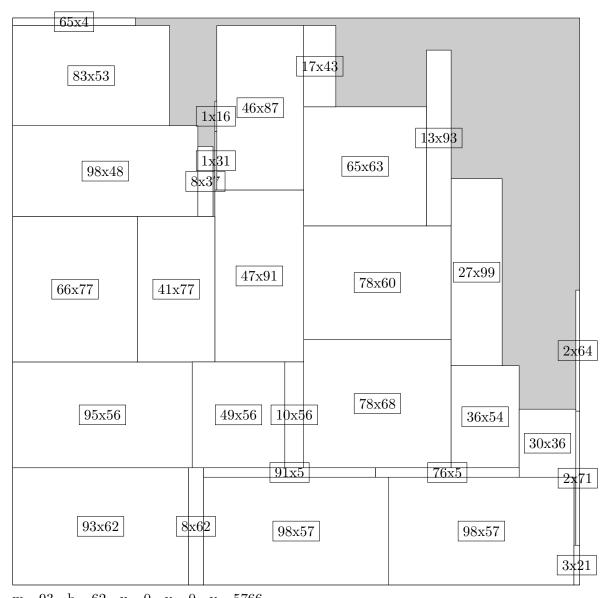
$$w$$
 =2 , h =90 , x =75 , y =196 , v =180

$$w=\!17$$
 ,  $h=\!9$  ,  $x=\!77$  ,  $y=\!117$  ,  $v=\!153$ 

$$w$$
 =7 ,  $h$  =21 ,  $x$  =96 ,  $y$  =28 ,  $v$  =147

$$w = 10$$
,  $h = 11$ ,  $x = 95$ ,  $y = 136$ ,  $v = 110$ 

$$w$$
 =20 , h =5 , x =55 , y =281 , v =100



$$w = 98$$
,  $h = 57$ ,  $x = 199$ ,  $y = 0$ ,  $v = 5586$ 

$$w = 95$$
,  $h = 56$ ,  $x = 0$ ,  $y = 62$ ,  $v = 5320$ 

$$w = 78$$
,  $h = 68$ ,  $x = 154$ ,  $y = 62$ ,  $v = 5304$ 

$$w = 78$$
,  $h = 60$ ,  $x = 154$ ,  $y = 130$ ,  $v = 4680$ 

$$w = 83$$
,  $h = 53$ ,  $x = 0$ ,  $y = 243$ ,  $v = 4399$ 

$$w = 47$$
,  $h = 91$ ,  $x = 107$ ,  $y = 118$ ,  $v = 4277$ 

$$w$$
 =65 ,  $h$  =63 ,  $x$  =154 ,  $y$  =190 ,  $v$  =4095

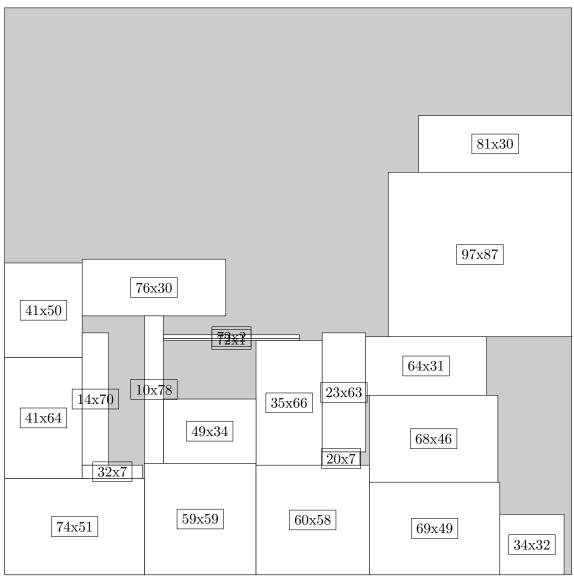
$$w = 46$$
,  $h = 87$ ,  $x = 108$ ,  $y = 209$ ,  $v = 4002$ 

$$w = 27$$
,  $h = 99$ ,  $x = 232$ ,  $y = 116$ ,  $v = 2673$ 

$$w = 36$$
,  $h = 54$ ,  $x = 232$ ,  $y = 62$ ,  $v = 1944$ 

```
\begin{array}{l} w=13\;,\; h=93\;,\; x=219\;,\; y=190\;,\; v=1209\\ w=30\;,\; h=36\;,\; x=268\;,\; y=57\;,\; v=1080\\ w=17\;,\; h=43\;,\; x=154\;,\; y=253\;,\; v=731\\ w=10\;,\; h=56\;,\; x=144\;,\; y=62\;,\; v=560\\ w=8\;,\; h=62\;,\; x=93\;,\; y=0\;,\; v=496\\ w=91\;,\; h=5\;,\; x=101\;,\; y=57\;,\; v=455\\ w=76\;,\; h=5\;,\; x=192\;,\; y=57\;,\; v=380\\ w=8\;,\; h=37\;,\; x=98\;,\; y=195\;,\; v=296\\ w=65\;,\; h=4\;,\; x=0\;,\; y=296\;,\; v=260\\ w=2\;,\; h=71\;,\; x=298\;,\; y=21\;,\; v=142\\ w=2\;,\; h=64\;,\; x=298\;,\; y=92\;,\; v=128\\ w=3\;,\; h=21\;,\; x=297\;,\; y=0\;,\; v=63\\ w=1\;,\; h=31\;,\; x=107\;,\; y=209\;,\; v=31\\ \end{array}
```

w = 1, h = 16, x = 107, y = 240, v = 16



```
w = 74, h = 51, x = 0, y = 0, v = 3774
```

$$w$$
 =59 ,  $h$  =59 ,  $x$  =74 ,  $y$  =0 ,  $v$  =3481

$$\le =60$$
 ,  $h=58$  ,  $x=133$  ,  $y=0$  ,  $v=3480$ 

$$w = 69$$
,  $h = 49$ ,  $x = 193$ ,  $y = 0$ ,  $v = 3381$ 

$$w$$
 =68 ,  $h$  =46 ,  $x$  =193 ,  $y$  =49 ,  $v$  =3128

$$w = 41$$
,  $h = 64$ ,  $x = 0$ ,  $y = 51$ ,  $v = 2624$ 

$$w = 81$$
,  $h = 30$ ,  $x = 219$ ,  $y = 213$ ,  $v = 2430$ 

$$\le =35$$
 ,  $h=66$  ,  $x=133$  ,  $y=58$  ,  $v=2310$ 

$$w = 76$$
,  $h = 30$ ,  $x = 41$ ,  $y = 137$ ,  $v = 2280$ 

$$w$$
 =41 , h =50 , x =0 , y =115 , v =2050

$$w = 23$$
 h = 63 x = 168 v = 65 v = 1440

$$w = 14$$
,  $h = 70$ ,  $x = 41$ ,  $y = 58$ ,  $v = 980$ 

$$w = 10$$
,  $h = 78$ ,  $x = 74$ ,  $y = 59$ ,  $v = 780$ 

 $\le =32$  , h =7 , x =41 , y =51 , v =224

 $\le =97$  , h =87 , x =203 , y =126 , v =8439

 $\le =72$  , h =2 , x =84 , y =125 , v =144

 $\le =20$  , h =7 , x =168 , y =58 , v =140

w =72 , h =1 , x =84 , y =124 , v =72