$ClassName: \ Class\_06.2bp-36$ 

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

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>270000</u> InS: <u>227546</u> Rate: <u>0.843</u>

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

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

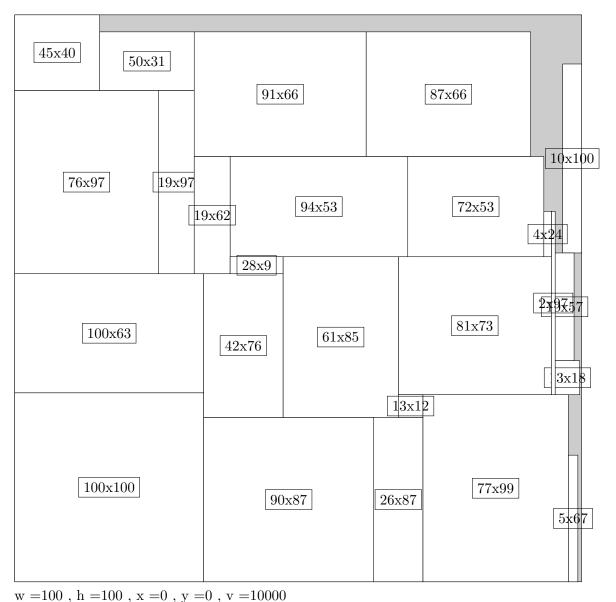
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt: 1
PrimalNode: 0
ColumnCount: 3
TotalCutCount: 0
RootCutCount: 1
PricingSolverCnt: 1
PricingSolverCnt: 0
Branch And Bound Nu

Branch And<br/>Bound Num:  $\underline{\mathbf{1}}$ 

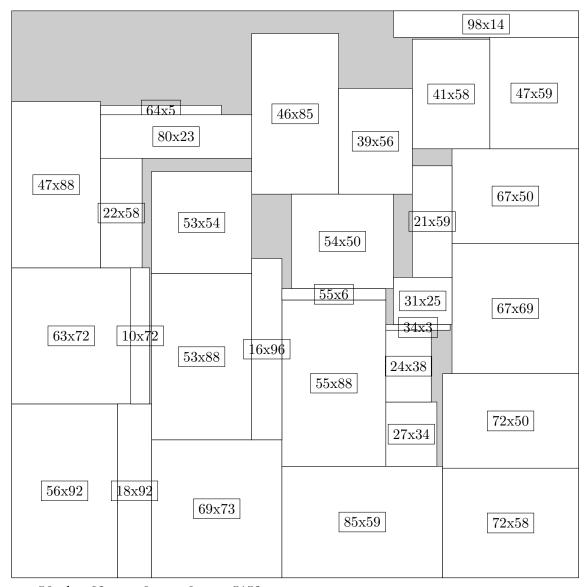
is Opt:  $\underline{\mathbf{true}}$ 

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



```
\begin{array}{l} w = 90 \; , \; h = 87 \; , \; x = 100 \; , \; y = 0 \; , \; v = 7830 \\ w = 77 \; , \; h = 99 \; , \; x = 216 \; , \; y = 0 \; , \; v = 7623 \\ w = 76 \; , \; h = 97 \; , \; x = 0 \; , \; y = 163 \; , \; v = 7372 \\ w = 100 \; , \; h = 63 \; , \; x = 0 \; , \; y = 100 \; , \; v = 6300 \\ w = 91 \; , \; h = 66 \; , \; x = 95 \; , \; y = 225 \; , \; v = 6006 \\ w = 81 \; , \; h = 73 \; , \; x = 203 \; , \; y = 99 \; , \; v = 5913 \\ w = 87 \; , \; h = 66 \; , \; x = 186 \; , \; y = 225 \; , \; v = 5742 \\ w = 61 \; , \; h = 85 \; , \; x = 142 \; , \; y = 87 \; , \; v = 5185 \\ w = 94 \; , \; h = 53 \; , \; x = 114 \; , \; y = 172 \; , \; v = 4982 \\ w = 72 \; , \; h = 53 \; , \; x = 208 \; , \; y = 172 \; , \; v = 3816 \\ w = 42 \; , \; h = 76 \; , \; x = 100 \; , \; y = 87 \; , \; v = 3192 \\ w = 26 \; , \; h = 87 \; , \; x = 190 \; , \; y = 0 \; , \; v = 2262 \\ w = 19 \; , \; h = 97 \; , \; x = 76 \; , \; y = 163 \; , \; v = 1843 \\ w = 45 \; , \; h = 40 \; , \; x = 0 \; , \; y = 260 \; , \; v = 1800 \\ w = 50 \; , \; h = 31 \; , \; x = 45 \; , \; y = 260 \; , \; v = 1550 \\ \end{array}
```

 $\begin{array}{l} w=19 \ , \ h=62 \ , \ x=95 \ , \ y=163 \ , \ v=1178 \\ w=10 \ , \ h=100 \ , \ x=290 \ , \ y=174 \ , \ v=1000 \\ w=10 \ , \ h=57 \ , \ x=286 \ , \ y=117 \ , \ v=570 \\ w=5 \ , \ h=67 \ , \ x=293 \ , \ y=0 \ , \ v=335 \\ w=28 \ , \ h=9 \ , \ x=114 \ , \ y=163 \ , \ v=252 \\ w=13 \ , \ h=18 \ , \ x=286 \ , \ y=99 \ , \ v=234 \\ w=2 \ , \ h=97 \ , \ x=284 \ , \ y=99 \ , \ v=194 \\ w=13 \ , \ h=12 \ , \ x=203 \ , \ y=87 \ , \ v=156 \\ w=4 \ , \ h=24 \ , \ x=280 \ , \ y=172 \ , \ v=96 \\ \end{array}$ 



```
w = 56, h = 92, x = 0, y = 0, v = 5152
```

$$w$$
 =69 ,  $h$  =73 ,  $x$  =74 ,  $y$  =0 ,  $v$  =5037

$$w = 85$$
,  $h = 59$ ,  $x = 143$ ,  $y = 0$ ,  $v = 5015$ 

$$w = 55$$
,  $h = 88$ ,  $x = 143$ ,  $y = 59$ ,  $v = 4840$ 

$$w = 53$$
,  $h = 88$ ,  $x = 74$ ,  $y = 73$ ,  $v = 4664$ 

$$w = 67$$
,  $h = 69$ ,  $x = 233$ ,  $y = 108$ ,  $v = 4623$ 

$$w$$
 =72 ,  $h$  =58 ,  $x$  =228 ,  $y$  =0 ,  $v$  =4176

$$w = 47$$
,  $h = 88$ ,  $x = 0$ ,  $y = 164$ ,  $v = 4136$ 

$$w = 46$$
,  $h = 85$ ,  $x = 127$ ,  $y = 203$ ,  $v = 3910$ 

$$w$$
 =72 ,  $h$  =50 ,  $x$  =228 ,  $y$  =58 ,  $v$  =3600

$$w = 67$$
,  $h = 50$ ,  $x = 233$ ,  $y = 177$ ,  $v = 3350$ 

$$\le =64$$
 ,  $h=5$  ,  $x=\!47$  ,  $y=\!245$  ,  $v=\!320$ 

$$w = 53$$
,  $h = 54$ ,  $x = 74$ ,  $y = 161$ ,  $v = 2862$ 

$$w = 47$$
,  $h = 59$ ,  $x = 253$ ,  $y = 227$ ,  $v = 2773$ 

$$\le =54$$
 ,  $h$  =50 ,  $x$  =148 ,  $y$  =153 ,  $v$  =2700

```
w = 41, h = 58, x = 212, y = 227, v = 2378
```

$$w = 39$$
,  $h = 56$ ,  $x = 173$ ,  $y = 203$ ,  $v = 2184$ 

$$w = 80$$
,  $h = 23$ ,  $x = 47$ ,  $y = 222$ ,  $v = 1840$ 

$$w = 18$$
,  $h = 92$ ,  $x = 56$ ,  $y = 0$ ,  $v = 1656$ 

$$w = 16$$
,  $h = 96$ ,  $x = 127$ ,  $y = 73$ ,  $v = 1536$ 

$$w = 98$$
,  $h = 14$ ,  $x = 202$ ,  $y = 286$ ,  $v = 1372$ 

$$w = 22$$
,  $h = 58$ ,  $x = 47$ ,  $y = 164$ ,  $v = 1276$ 

$$\le =21$$
 , h =59 , x =212 , y =159 , v =1239

$$w = 27$$
,  $h = 34$ ,  $x = 198$ ,  $y = 59$ ,  $v = 918$ 

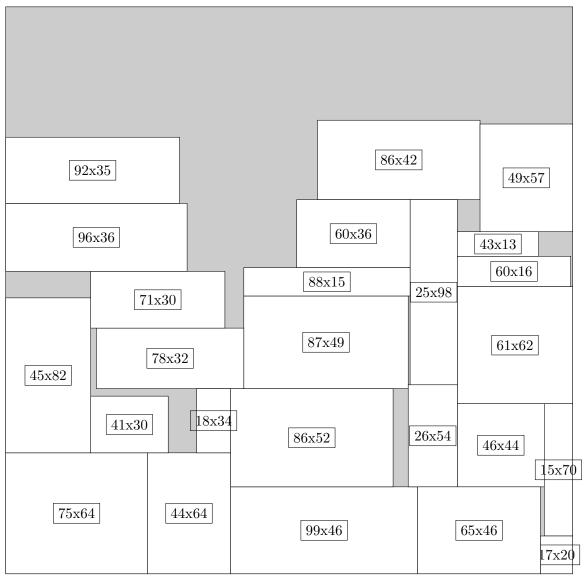
$$w = 24$$
,  $h = 38$ ,  $x = 198$ ,  $y = 93$ ,  $v = 912$ 

$$w = 31$$
,  $h = 25$ ,  $x = 202$ ,  $y = 134$ ,  $v = 775$ 

$$w$$
 =10 , h =72 , x =63 , y =92 , v =720

$$w = 55$$
,  $h = 6$ ,  $x = 143$ ,  $y = 147$ ,  $v = 330$ 

$$w = 34$$
,  $h = 3$ ,  $x = 198$ ,  $y = 131$ ,  $v = 102$ 



```
w = 75, h = 64, x = 0, y = 0, v = 4800
```

$$w = 99$$
,  $h = 46$ ,  $x = 119$ ,  $y = 0$ ,  $v = 4554$ 

$$w = 86$$
,  $h = 52$ ,  $x = 119$ ,  $y = 46$ ,  $v = 4472$ 

$$w = 87$$
,  $h = 49$ ,  $x = 126$ ,  $y = 98$ ,  $v = 4263$ 

$$w = 45$$
,  $h = 82$ ,  $x = 0$ ,  $y = 64$ ,  $v = 3690$ 

$$w = 86$$
,  $h = 42$ ,  $x = 165$ ,  $y = 198$ ,  $v = 3612$ 

$$w = 96$$
,  $h = 36$ ,  $x = 0$ ,  $y = 160$ ,  $v = 3456$ 

$$\le =92$$
 ,  $h=35$  ,  $x=0$  ,  $y=196$  ,  $v=3220$ 

$$w = 44$$
,  $h = 64$ ,  $x = 75$ ,  $y = 0$ ,  $v = 2816$ 

$$w = 49$$
,  $h = 57$ ,  $x = 251$ ,  $y = 181$ ,  $v = 2793$ 

$$w = 78$$
,  $h = 32$ ,  $x = 48$ ,  $y = 98$ ,  $v = 2496$ 

$$w = 25$$
,  $h = 98$ ,  $x = 214$ ,  $y = 100$ ,  $v = 2450$ 

$$w = 60$$
,  $h = 36$ ,  $x = 154$ ,  $y = 162$ ,  $v = 2160$ 

$$w = 71$$
,  $h = 30$ ,  $x = 45$ ,  $y = 130$ ,  $v = 2130$ 

$$w = 46$$
,  $h = 44$ ,  $x = 239$ ,  $y = 46$ ,  $v = 2024$ 

```
w = 26, h = 54, x = 213, y = 46, v = 1404
```

$$w = 88$$
,  $h = 15$ ,  $x = 126$ ,  $y = 147$ ,  $v = 1320$ 

$$w$$
 =41 ,  $h$  =30 ,  $x$  =45 ,  $y$  =64 ,  $v$  =1230

$$\le =15$$
 ,  $h$  =70 ,  $x$  =285 ,  $y$  =20 ,  $v$  =1050

$$\le =60$$
 ,  $h=16$  ,  $x=239$  ,  $y=152$  ,  $v=960$ 

$$w$$
 =18 ,  $h$  =34 ,  $x$  =101 ,  $y$  =64 ,  $v$  =612

$$w = 43$$
,  $h = 13$ ,  $x = 239$ ,  $y = 168$ ,  $v = 559$ 

$$\le =17$$
 ,  $h=20$  ,  $x=283$  ,  $y=0$  ,  $v=340$ 

$$w = 65$$
,  $h = 46$ ,  $x = 218$ ,  $y = 0$ ,  $v = 2990$