$ClassName: \ Class\_06.2bp-40$ 

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

TypeNum: **100** Num: **100** OutS: **270000** InS: 225667Rate: 0.836

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

LBWithCut: 3 NodeCut: **0** 

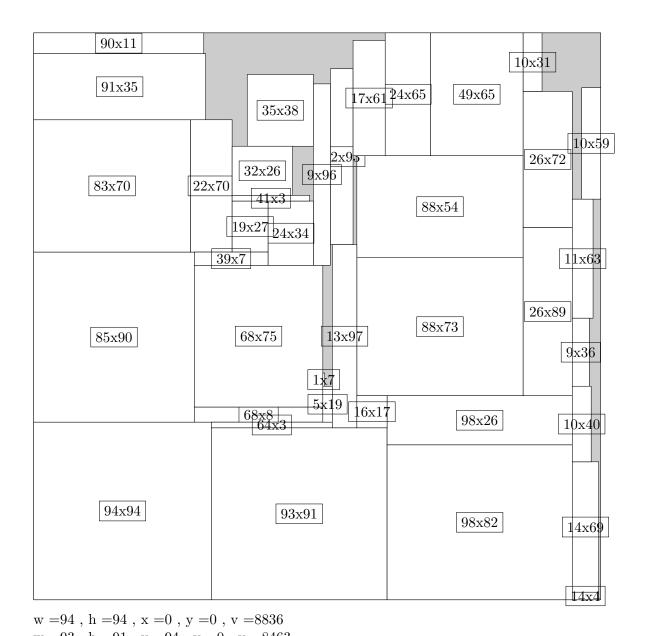
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

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

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

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

TimeOnInitSolution:  $\underline{0.030 \text{ s}}$ TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 s TimeOnRmp: 0.078 sTotalTime: 0.171 s



```
w =93 , h =91 , x =94 , y =0 , v =8463

w =98 , h =82 , x =187 , y =0 , v =8036

w =85 , h =90 , x =0 , y =94 , v =7650

w =88 , h =73 , x =171 , y =108 , v =6424

w =83 , h =70 , x =0 , y =184 , v =5810

w =68 , h =8 , x =85 , y =94 , v =544

w =68 , h =75 , x =85 , y =102 , v =5100

w =88 , h =54 , x =171 , y =181 , v =4752

w =91 , h =35 , x =0 , y =254 , v =3185

w =49 , h =65 , x =210 , y =235 , v =3185

w =98 , h =26 , x =187 , y =82 , v =2548

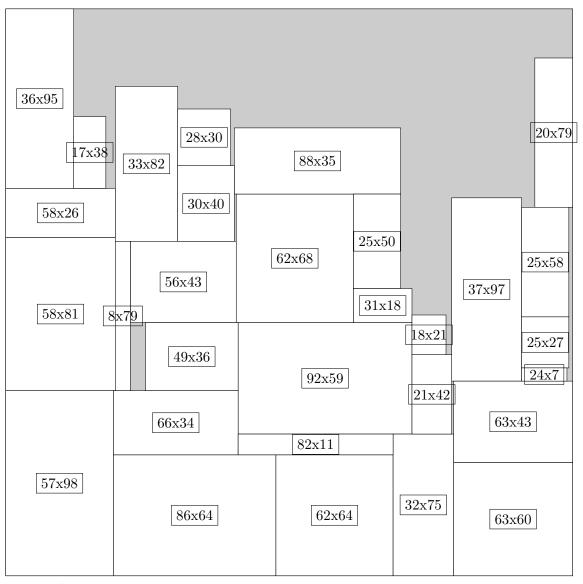
w =26 , h =89 , x =259 , y =108 , v =2314

w =26 , h =72 , x =259 , y =197 , v =1872
```

w =24, h =65, x =186, y =235, v =1560 w =22, h =70, x =83, y =184, v =1540

```
w = 35, h = 38, x = 113, y = 240, v = 1330
w = 13, h = 97, x = 158, y = 91, v = 1261
w = 12, h = 93, x = 157, y = 188, v = 1116
w = 17, h = 61, x = 169, y = 235, v = 1037
w = 90, h = 11, x = 0, y = 289, v = 990
w = 14, h = 69, x = 285, y = 4, v = 966
w = 9, h = 96, x = 148, y = 177, v = 864
w=\!32 , h=\!26 , x=\!105 , y=\!214 , v=\!832
w = 24, h = 34, x = 124, y = 177, v = 816
w = 11, h = 63, x = 285, y = 149, v = 693
w = 10, h = 59, x = 290, y = 212, v = 590
w = 19, h = 27, x = 105, y = 184, v = 513
w = 10, h = 40, x = 285, y = 73, v = 400
w = 9, h = 36, x = 285, y = 113, v = 324
w = 10, h = 31, x = 259, y = 269, v = 310
w = 39, h = 7, x = 85, y = 177, v = 273
w = 16, h = 17, x = 171, y = 91, v = 272
w = 64, h = 3, x = 94, y = 91, v = 192
w = 41, h = 3, x = 105, y = 211, v = 123
w = 5, h = 19, x = 153, y = 94, v = 95
w = 14, h = 4, x = 285, y = 0, v = 56
```

w = 1, h = 7, x = 153, y = 113, v = 7



```
w =57, h =98, x =0, y =0, v =5586
w =86, h =64, x =57, y =0, v =5504
```

$$w = 92$$
,  $h = 59$ ,  $x = 123$ ,  $y = 75$ ,  $v = 5428$ 

$$w = 58$$
,  $h = 81$ ,  $x = 0$ ,  $y = 98$ ,  $v = 4698$ 

$$w$$
 =62 ,  $h$  =68 ,  $x$  =122 ,  $y$  =134 ,  $v$  =4216

$$w = 62$$
,  $h = 64$ ,  $x = 143$ ,  $y = 0$ ,  $v = 3968$ 

$$w = 37$$
,  $h = 97$ ,  $x = 236$ ,  $y = 103$ ,  $v = 3589$ 

$$w = 36$$
,  $h = 95$ ,  $x = 0$ ,  $y = 205$ ,  $v = 3420$ 

$$\le =88$$
 ,  $h=35$  ,  $x=121$  ,  $y=202$  ,  $v=3080$ 

$$w = 63$$
,  $h = 43$ ,  $x = 237$ ,  $y = 60$ ,  $v = 2709$ 

$$w = 33$$
,  $h = 82$ ,  $x = 58$ ,  $y = 177$ ,  $v = 2706$ 

$$w = 66$$
,  $h = 34$ ,  $x = 57$ ,  $y = 64$ ,  $v = 2244$ 

$$w = 49$$
,  $h = 36$ ,  $x = 74$ ,  $y = 98$ ,  $v = 1764$ 

```
w = 20, h = 79, x = 280, y = 195, v = 1580
```

$$w$$
 =58 ,  $h$  =26 ,  $x$  =0 ,  $y$  =179 ,  $v$  =1508

$$w = 25$$
,  $h = 58$ ,  $x = 273$ ,  $y = 137$ ,  $v = 1450$ 

$$w = 25$$
,  $h = 50$ ,  $x = 184$ ,  $y = 152$ ,  $v = 1250$ 

$$\le =30$$
 ,  $h=40$  ,  $x=91$  ,  $y=177$  ,  $v=1200$ 

$$w = 82$$
,  $h = 11$ ,  $x = 123$ ,  $y = 64$ ,  $v = 902$ 

$$w = 21$$
,  $h = 42$ ,  $x = 215$ ,  $y = 75$ ,  $v = 882$ 

$$w$$
 =28 ,  $h$  =30 ,  $x$  =91 ,  $y$  =217 ,  $v$  =840

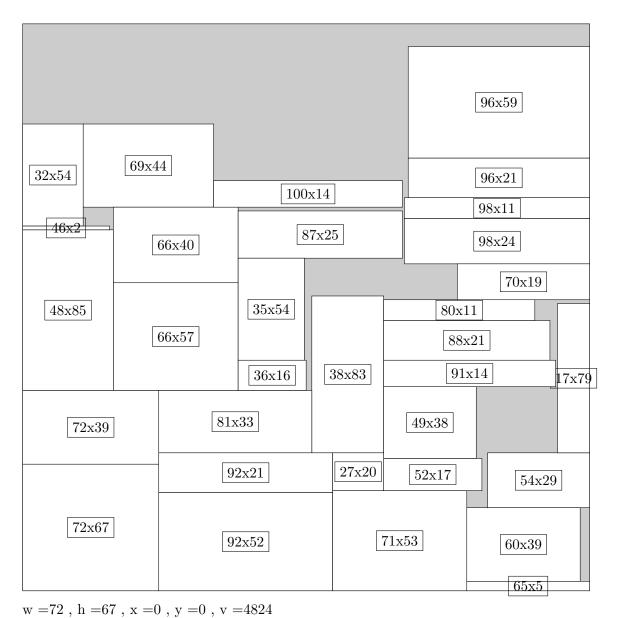
$$w = 25$$
,  $h = 27$ ,  $x = 273$ ,  $y = 110$ ,  $v = 675$ 

$$w = 17$$
,  $h = 38$ ,  $x = 36$ ,  $y = 205$ ,  $v = 646$ 

$$w = 8$$
,  $h = 79$ ,  $x = 58$ ,  $y = 98$ ,  $v = 632$ 

$$w=\!31$$
 ,  $h=\!18$  ,  $x=\!184$  ,  $y=\!134$  ,  $v=\!558$ 

$$\le =24$$
 ,  $h$  =7 ,  $x$  =273 ,  $y$  =103 ,  $v$  =168



```
\begin{array}{l} w = 92 \; , \; h = 52 \; , \; x = 72 \; , \; y = 0 \; , \; v = 4784 \\ w = 48 \; , \; h = 85 \; , \; x = 0 \; , \; y = 106 \; , \; v = 4080 \\ w = 71 \; , \; h = 53 \; , \; x = 164 \; , \; y = 0 \; , \; v = 3763 \\ w = 66 \; , \; h = 57 \; , \; x = 48 \; , \; y = 106 \; , \; v = 3762 \\ w = 38 \; , \; h = 83 \; , \; x = 153 \; , \; y = 73 \; , \; v = 3154 \\ w = 69 \; , \; h = 44 \; , \; x = 32 \; , \; y = 203 \; , \; v = 3036 \\ w = 72 \; , \; h = 39 \; , \; x = 0 \; , \; y = 67 \; , \; v = 2808 \\ w = 81 \; , \; h = 33 \; , \; x = 72 \; , \; y = 73 \; , \; v = 2673 \\ w = 66 \; , \; h = 40 \; , \; x = 48 \; , \; y = 163 \; , \; v = 2640 \\ w = 98 \; , \; h = 24 \; , \; x = 202 \; , \; y = 173 \; , \; v = 2352 \\ w = 60 \; , \; h = 39 \; , \; x = 235 \; , \; y = 5 \; , \; v = 2340 \\ w = 87 \; , \; h = 25 \; , \; x = 114 \; , \; y = 176 \; , \; v = 2175 \\ w = 96 \; , \; h = 21 \; , \; x = 204 \; , \; y = 208 \; , \; v = 2016 \\ w = 92 \; , \; h = 21 \; , \; x = 72 \; , \; y = 52 \; , \; v = 1932 \\ w = 35 \; , \; h = 54 \; , \; x = 114 \; , \; y = 122 \; , \; v = 1890 \\ \end{array}
```

```
\begin{array}{l} w = 49 \;, \; h = 38 \;, \; x = 191 \;, \; y = 70 \;, \; v = 1862 \\ w = 88 \;, \; h = 21 \;, \; x = 191 \;, \; y = 122 \;, \; v = 1848 \\ w = 32 \;, \; h = 54 \;, \; x = 0 \;, \; y = 193 \;, \; v = 1728 \\ w = 54 \;, \; h = 29 \;, \; x = 246 \;, \; y = 44 \;, \; v = 1566 \\ w = 100 \;, \; h = 14 \;, \; x = 101 \;, \; y = 203 \;, \; v = 1400 \\ w = 17 \;, \; h = 79 \;, \; x = 283 \;, \; y = 73 \;, \; v = 1343 \\ w = 70 \;, \; h = 19 \;, \; x = 230 \;, \; y = 154 \;, \; v = 1330 \\ w = 91 \;, \; h = 14 \;, \; x = 191 \;, \; y = 108 \;, \; v = 1274 \\ w = 98 \;, \; h = 11 \;, \; x = 202 \;, \; y = 197 \;, \; v = 1078 \\ w = 52 \;, \; h = 17 \;, \; x = 191 \;, \; y = 53 \;, \; v = 884 \\ w = 80 \;, \; h = 11 \;, \; x = 191 \;, \; y = 143 \;, \; v = 880 \\ w = 36 \;, \; h = 16 \;, \; x = 114 \;, \; y = 106 \;, \; v = 576 \\ w = 96 \;, \; h = 59 \;, \; x = 204 \;, \; y = 229 \;, \; v = 5664 \\ w = 27 \;, \; h = 20 \;, \; x = 164 \;, \; y = 53 \;, \; v = 540 \\ \end{array}
```

w = 65, h = 5, x = 235, y = 0, v = 325w = 46, h = 2, x = 0, y = 191, v = 92