$ClassName: \ Class\_06.2bp-22$ 

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>180000</u> InS: <u>154680</u> Rate: <u>0.859</u>

UB: <u>2</u> LB0: <u>2</u> LB: 2

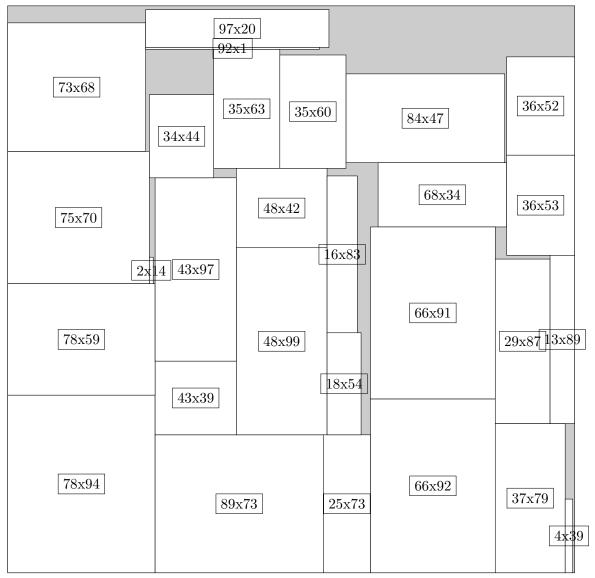
LBWithCut:  $\underline{\mathbf{2}}$  NodeCut:  $\underline{\mathbf{0}}$ 

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

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{2}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

TimeOnInitSolution: 0.020 sTimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 0.145 s



```
w = 78, h = 94, x = 0, y = 0, v = 7332
```

$$w = 89$$
,  $h = 73$ ,  $x = 78$ ,  $y = 0$ ,  $v = 6497$ 

$$w = 66$$
,  $h = 92$ ,  $x = 192$ ,  $y = 0$ ,  $v = 6072$ 

$$w = 43$$
,  $h = 39$ ,  $x = 78$ ,  $y = 73$ ,  $v = 1677$ 

$$w = 75$$
,  $h = 70$ ,  $x = 0$ ,  $y = 153$ ,  $v = 5250$ 

$$w = 73$$
,  $h = 68$ ,  $x = 0$ ,  $y = 223$ ,  $v = 4964$ 

$$w = 48$$
,  $h = 99$ ,  $x = 121$ ,  $y = 73$ ,  $v = 4752$ 

$$w = 78$$
,  $h = 59$ ,  $x = 0$ ,  $y = 94$ ,  $v = 4602$ 

$$w = 43$$
,  $h = 97$ ,  $x = 78$ ,  $y = 112$ ,  $v = 4171$ 

$$w = 84$$
,  $h = 47$ ,  $x = 179$ ,  $y = 217$ ,  $v = 3948$ 

$$w = 37$$
,  $h = 79$ ,  $x = 258$ ,  $y = 0$ ,  $v = 2923$ 

$$w = 29$$
,  $h = 87$ ,  $x = 258$ ,  $y = 79$ ,  $v = 2523$ 

$$w = 68$$
,  $h = 34$ ,  $x = 196$ ,  $y = 183$ ,  $v = 2312$ 

$$w = 35$$
,  $h = 63$ ,  $x = 109$ ,  $y = 214$ ,  $v = 2205$ 

$$w = 35$$
,  $h = 60$ ,  $x = 144$ ,  $y = 214$ ,  $v = 2100$ 

$$w = 48$$
,  $h = 42$ ,  $x = 121$ ,  $y = 172$ ,  $v = 2016$ 

```
w = 97, h = 20, x = 73, y = 278, v = 1940
```

$$w = 36$$
,  $h = 53$ ,  $x = 264$ ,  $y = 168$ ,  $v = 1908$ 

$$w = 36$$
,  $h = 52$ ,  $x = 264$ ,  $y = 221$ ,  $v = 1872$ 

$$\le =25$$
 ,  $h=73$  ,  $x=167$  ,  $y=0$  ,  $v=1825$ 

$$w = 66$$
,  $h = 91$ ,  $x = 192$ ,  $y = 92$ ,  $v = 6006$ 

$$w = 34$$
,  $h = 44$ ,  $x = 75$ ,  $y = 209$ ,  $v = 1496$ 

$$w=\!16$$
 ,  $h=\!83$  ,  $x=\!169$  ,  $y=\!127$  ,  $v=\!1328$ 

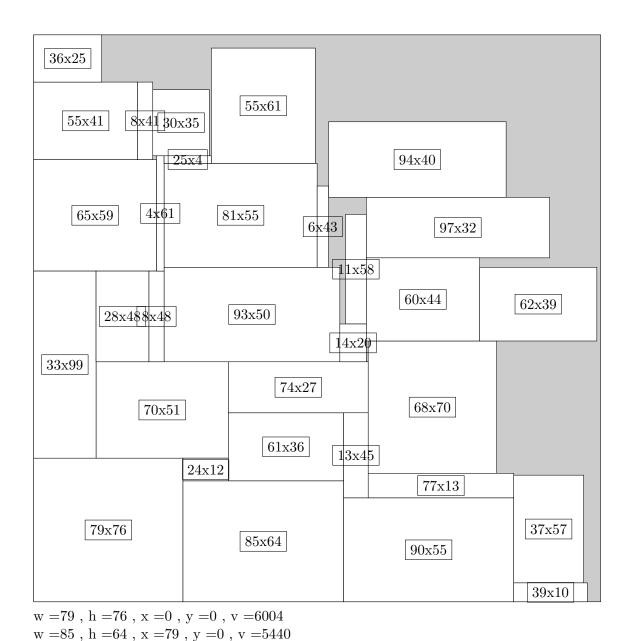
$$\le =13$$
 ,  $h$  =89 ,  $x$  =287 ,  $y$  =79 ,  $v$  =1157

$$w = 18$$
,  $h = 54$ ,  $x = 169$ ,  $y = 73$ ,  $v = 972$ 

$$\mathbf{w}$$
 =4 , h =39 , x =295 , y =0 , v =156

$$w = 92$$
,  $h = 1$ ,  $x = 73$ ,  $y = 277$ ,  $v = 92$ 

$$w$$
 =2 , h =14 , x =75 , y =153 , v =28



```
\begin{array}{l} w = 90 \; , \; h = 55 \; , \; x = 164 \; , \; y = 0 \; , \; v = 4950 \\ w = 68 \; , \; h = 70 \; , \; x = 177 \; , \; y = 68 \; , \; v = 4760 \\ w = 93 \; , \; h = 50 \; , \; x = 69 \; , \; y = 127 \; , \; v = 4650 \\ w = 81 \; , \; h = 55 \; , \; x = 69 \; , \; y = 177 \; , \; v = 4455 \\ w = 65 \; , \; h = 59 \; , \; x = 0 \; , \; y = 175 \; , \; v = 3835 \\ w = 94 \; , \; h = 40 \; , \; x = 156 \; , \; y = 214 \; , \; v = 3760 \\ w = 70 \; , \; h = 51 \; , \; x = 33 \; , \; y = 76 \; , \; v = 3570 \\ w = 55 \; , \; h = 61 \; , \; x = 94 \; , \; y = 232 \; , \; v = 3355 \\ w = 33 \; , \; h = 99 \; , \; x = 0 \; , \; y = 76 \; , \; v = 3267 \\ w = 97 \; , \; h = 32 \; , \; x = 176 \; , \; y = 182 \; , \; v = 3104 \\ w = 60 \; , \; h = 44 \; , \; x = 176 \; , \; y = 138 \; , \; v = 2640 \\ \end{array}
```

 $\begin{array}{l} w = 62 \; , \; h = 39 \; , \; x = 236 \; , \; y = 138 \; , \; v = 2418 \\ w = 55 \; , \; h = 41 \; , \; x = 0 \; , \; y = 234 \; , \; v = 2255 \\ w = 61 \; , \; h = 36 \; , \; x = 103 \; , \; y = 64 \; , \; v = 2196 \\ \end{array}$ 

```
\begin{array}{l} w = 37 \;, \, h = 57 \;, \, x = 254 \;, \, y = 10 \;, \, v = 2109 \\ w = 74 \;, \, h = 27 \;, \, x = 103 \;, \, y = 100 \;, \, v = 1998 \\ w = 28 \;, \, h = 48 \;, \, x = 33 \;, \, y = 127 \;, \, v = 1344 \\ w = 30 \;, \, h = 35 \;, \, x = 63 \;, \, y = 236 \;, \, v = 1050 \\ w = 77 \;, \, h = 13 \;, \, x = 177 \;, \, y = 55 \;, \, v = 1001 \\ w = 36 \;, \, h = 25 \;, \, x = 0 \;, \, y = 275 \;, \, v = 900 \\ w = 11 \;, \, h = 58 \;, \, x = 165 \;, \, y = 147 \;, \, v = 638 \\ w = 13 \;, \, h = 45 \;, \, x = 164 \;, \, y = 55 \;, \, v = 585 \\ w = 39 \;, \, h = 10 \;, \, x = 254 \;, \, y = 0 \;, \, v = 390 \\ w = 8 \;, \, h = 48 \;, \, x = 61 \;, \, y = 127 \;, \, v = 384 \\ w = 8 \;, \, h = 41 \;, \, x = 55 \;, \, y = 234 \;, \, v = 328 \\ w = 24 \;, \, h = 12 \;, \, x = 79 \;, \, y = 64 \;, \, v = 288 \\ w = 14 \;, \, h = 20 \;, \, x = 162 \;, \, y = 127 \;, \, v = 280 \\ w = 6 \;, \, h = 43 \;, \, x = 150 \;, \, y = 177 \;, \, v = 258 \\ w = 4 \;, \, h = 61 \;, \, x = 65 \;, \, y = 175 \;, \, v = 244 \\ \end{array}
```

w = 25, h = 4, x = 69, y = 232, v = 100