$ClassName: \ Class\_06.2bp-24$ 

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

TypeNum:  $\underline{60}$ Num:  $\underline{60}$ OutS:  $\underline{180000}$ InS:  $\underline{136651}$ Rate:  $\underline{0.759}$ 

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

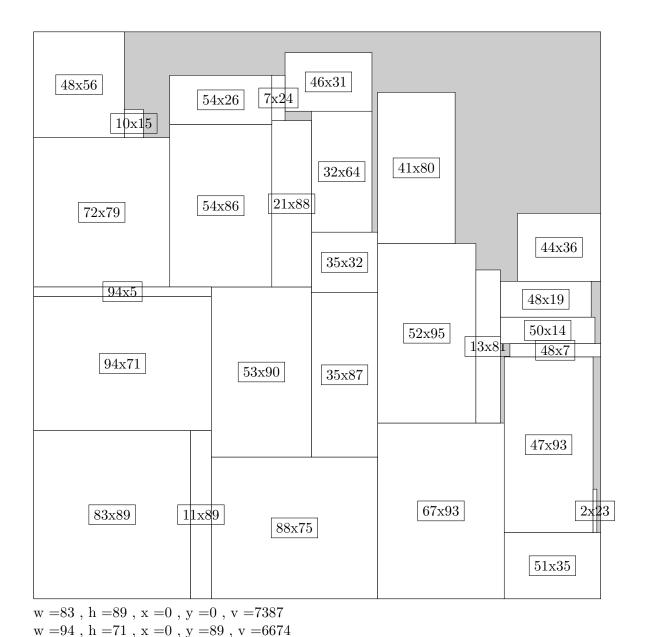
LBWithCut:  $\underline{\mathbf{2}}$  NodeCut:  $\underline{\mathbf{0}}$ 

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: 0.063 sTotalTime: 0.145 s



```
\begin{array}{l} w = 88 \;, \; h = 75 \;, \; x = 94 \;, \; y = 0 \;, \; v = 6600 \\ w = 67 \;, \; h = 93 \;, \; x = 182 \;, \; y = 0 \;, \; v = 6231 \\ w = 72 \;, \; h = 79 \;, \; x = 0 \;, \; y = 165 \;, \; v = 5688 \\ w = 52 \;, \; h = 95 \;, \; x = 182 \;, \; y = 93 \;, \; v = 4940 \\ w = 53 \;, \; h = 90 \;, \; x = 94 \;, \; y = 75 \;, \; v = 4770 \\ w = 54 \;, \; h = 86 \;, \; x = 72 \;, \; y = 165 \;, \; v = 4644 \\ w = 47 \;, \; h = 93 \;, \; x = 249 \;, \; y = 35 \;, \; v = 4371 \\ w = 41 \;, \; h = 80 \;, \; x = 182 \;, \; y = 188 \;, \; v = 3280 \\ w = 35 \;, \; h = 87 \;, \; x = 147 \;, \; y = 75 \;, \; v = 3045 \\ w = 48 \;, \; h = 56 \;, \; x = 0 \;, \; y = 244 \;, \; v = 2688 \\ w = 35 \;, \; h = 32 \;, \; x = 147 \;, \; y = 162 \;, \; v = 1120 \\ w = 32 \;, \; h = 64 \;, \; x = 147 \;, \; y = 194 \;, \; v = 2048 \end{array}
```

w =21, h =88, x =126, y =165, v =1848 w =51, h =35, x =249, y =0, v =1785

```
w =44, h =36, x =256, y =168, v =1584
w =46, h =31, x =133, y =258, v =1426
```

$$w = 13$$
,  $h = 81$ ,  $x = 234$ ,  $y = 93$ ,  $v = 1053$ 

$$\mathbf{w}$$
 =11 , h =89 , x =83 , y =0 , v =979

$$w=\!48$$
 ,  $h=\!19$  ,  $x=\!247$  ,  $y=\!149$  ,  $v=\!912$ 

$$w$$
 =50 ,  $h$  =14 ,  $x$  =247 ,  $y$  =135 ,  $v$  =700

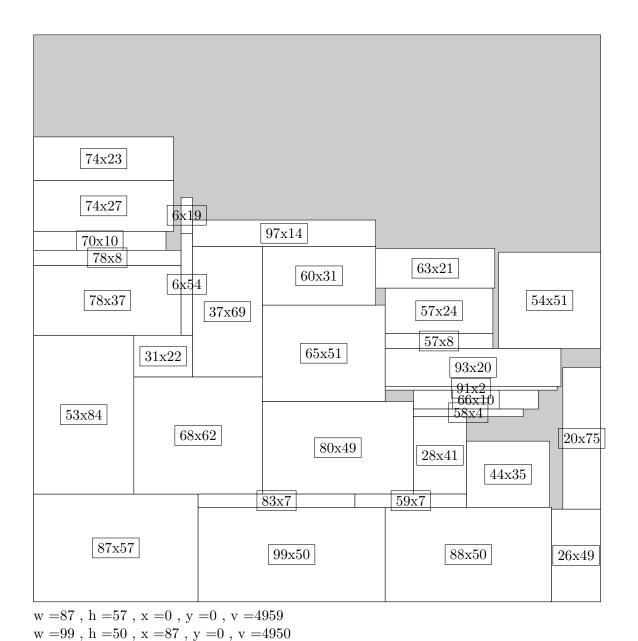
$$\le =94$$
 ,  $h=5$  ,  $x=0$  ,  $y=160$  ,  $v=470$ 

$$\mathbf{w}$$
 =48 , h =7 , x =252 , y =128 , v =336

$$w = 7$$
,  $h = 24$ ,  $x = 126$ ,  $y = 253$ ,  $v = 168$ 

$$w = 10$$
,  $h = 15$ ,  $x = 48$ ,  $y = 244$ ,  $v = 150$ 

$$w = 2$$
,  $h = 23$ ,  $x = 296$ ,  $y = 35$ ,  $v = 46$ 



```
w =53 , h =84 , x =0 , y =57 , v =4452

w =88 , h =50 , x =186 , y =0 , v =4400

w =68 , h =62 , x =53 , y =57 , v =4216

w =80 , h =49 , x =121 , y =57 , v =3920

w =65 , h =51 , x =121 , y =106 , v =3315

w =78 , h =37 , x =0 , y =141 , v =2886

w =54 , h =51 , x =246 , y =134 , v =2754

w =74 , h =27 , x =0 , y =196 , v =1998

w =93 , h =20 , x =186 , y =114 , v =1860

w =60 , h =31 , x =121 , y =157 , v =1860

w =74 , h =23 , x =0 , y =223 , v =1702

w =44 , h =35 , x =229 , y =50 , v =1540
```

w =20, h =75, x =280, y =49, v =1500 w =57, h =24, x =186, y =142, v =1368

```
w =97 , h =14 , x =84 , y =188 , v =1358
```

$$w = 63$$
,  $h = 21$ ,  $x = 181$ ,  $y = 166$ ,  $v = 1323$ 

$$w = 26$$
,  $h = 49$ ,  $x = 274$ ,  $y = 0$ ,  $v = 1274$ 

$$w = 28$$
,  $h = 41$ ,  $x = 201$ ,  $y = 57$ ,  $v = 1148$ 

$$\le =37$$
 , h =69 , x =84 , y =119 , v =2553

$$w = 70$$
,  $h = 10$ ,  $x = 0$ ,  $y = 186$ ,  $v = 700$ 

$$w = 31$$
,  $h = 22$ ,  $x = 53$ ,  $y = 119$ ,  $v = 682$ 

$$\mathbf{w}$$
 =66 , h =10 , x =201 , y =102 , v =660

$$w = 78$$
,  $h = 8$ ,  $x = 0$ ,  $y = 178$ ,  $v = 624$ 

$$w = 83$$
,  $h = 7$ ,  $x = 87$ ,  $y = 50$ ,  $v = 581$ 

$$w = 57$$
,  $h = 8$ ,  $x = 186$ ,  $y = 134$ ,  $v = 456$ 

$$w = 59$$
,  $h = 7$ ,  $x = 170$ ,  $y = 50$ ,  $v = 413$ 

$$w = 6$$
,  $h = 54$ ,  $x = 78$ ,  $y = 141$ ,  $v = 324$ 

$$w = 58$$
,  $h = 4$ ,  $x = 201$ ,  $y = 98$ ,  $v = 232$ 

$$w = 91$$
,  $h = 2$ ,  $x = 186$ ,  $y = 112$ ,  $v = 182$ 

$$w = 6$$
,  $h = 19$ ,  $x = 78$ ,  $y = 195$ ,  $v = 114$