$ClassName: \ Class\_06.2bp-43$ 

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

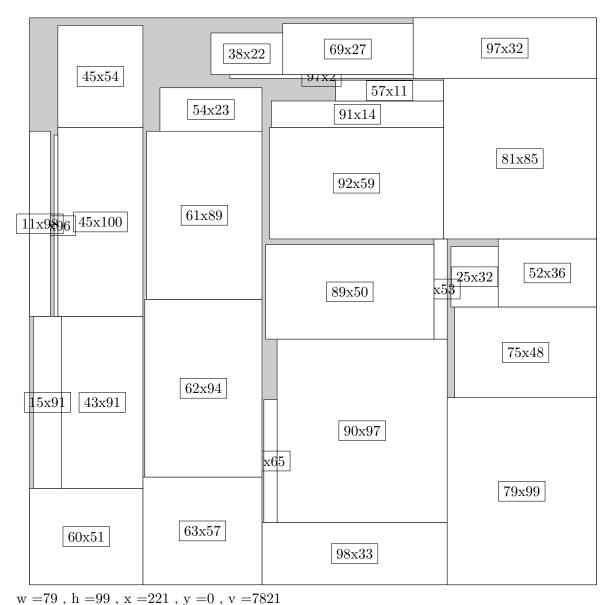
TypeNum: <u>100</u> Num: <u>100</u> OutS: <u>270000</u> InS: <u>240023</u> Rate: <u>0.889</u>

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

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

isOpt: **true** 

 $\begin{array}{ll} \text{TimeOnPrimal: } \underline{0.000 \text{ s}} \\ \text{TimeOnPricing: } \underline{0.000 \text{ s}} \\ \text{TimeOnRmp: } \underline{0.063 \text{ s}} \\ \text{TotalTime: } \underline{0.203 \text{ s}} \end{array}$ 



```
w =75, h =48, x =225, y =99, v =3600

w =52, h =36, x =248, y =147, v =1872

w =25, h =32, x =223, y =147, v =800

w =98, h =33, x =123, y =0, v =3234

w =90, h =97, x =131, y =33, v =8730

w =7, h =65, x =124, y =33, v =455

w =7, h =53, x =214, y =130, v =371

w =89, h =50, x =125, y =130, v =4450

w =81, h =85, x =219, y =183, v =6885

w =92, h =59, x =127, y =183, v =5428

w =91, h =14, x =128, y =242, v =1274

w =57, h =11, x =162, y =256, v =627

w =63, h =57, x =60, y =0, v =3591

w =62, h =94, x =61, y =57, v =5828

w =61, h =89, x =62, y =151, v =5429
```

```
w = 54, h = 23, x = 69, y = 240, v = 1242
```

$$w = 97$$
,  $h = 32$ ,  $x = 203$ ,  $y = 268$ ,  $v = 3104$ 

$$w = 97$$
,  $h = 2$ ,  $x = 106$ ,  $y = 268$ ,  $v = 194$ 

$$w = 69$$
,  $h = 27$ ,  $x = 134$ ,  $y = 270$ ,  $v = 1863$ 

$$w = 38$$
,  $h = 22$ ,  $x = 96$ ,  $y = 270$ ,  $v = 836$ 

$$w = 60$$
,  $h = 51$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3060$ 

$$w$$
 =43 ,  $h$  =91 ,  $x$  =17 ,  $y$  =51 ,  $v$  =3913

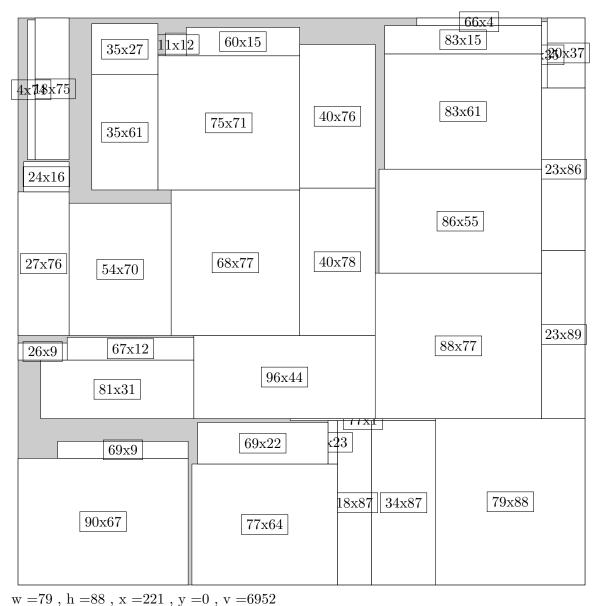
$$\le =15$$
 ,  $h=91$  ,  $x=2$  ,  $y=51$  ,  $v=1365$ 

$$w = 45$$
,  $h = 100$ ,  $x = 15$ ,  $y = 142$ ,  $v = 4500$ 

$$w$$
 =2 , h =96 , x =13 , y =142 , v =192

$$w = 45$$
,  $h = 54$ ,  $x = 15$ ,  $y = 242$ ,  $v = 2430$ 

$$w = 11$$
,  $h = 98$ ,  $x = 0$ ,  $y = 142$ ,  $v = 1078$ 



```
w =34 , h =87 , x =187 , y =0 , v =2958

w =18 , h =87 , x =169 , y =0 , v =1566

w =77 , h =64 , x =92 , y =0 , v =4928

w =5 , h =23 , x =164 , y =64 , v =115

w =69 , h =22 , x =95 , y =64 , v =1518

w =90 , h =67 , x =0 , y =0 , v =6030

w =69 , h =9 , x =21 , y =67 , v =621

w =77 , h =1 , x =144 , y =87 , v =77

w =23 , h =89 , x =277 , y =88 , v =2047

w =23 , h =86 , x =277 , y =177 , v =1978

w =20 , h =37 , x =280 , y =263 , v =740

w =3 , h =35 , x =277 , y =88 , v =6776

w =86 , h =55 , x =191 , y =165 , v =4730

w =83 , h =61 , x =194 , y =220 , v =5063
```

```
w =83, h =15, x =194, y =281, v =1245
w =66, h =4, x =211, y =296, v =264
```

$$w = 81$$
,  $h = 31$ ,  $x = 12$ ,  $y = 88$ ,  $v = 2511$ 

$$w = 67$$
,  $h = 67$ ,  $x = 12$ ,  $y = 66$ ,  $v = 261$   
 $w = 67$ ,  $h = 12$ ,  $x = 26$ ,  $y = 119$ ,  $v = 804$ 

$$w = 26$$
,  $h = 9$ ,  $x = 0$ ,  $y = 119$ ,  $v = 234$ 

$$w = 40$$
,  $h = 78$ ,  $x = 149$ ,  $y = 132$ ,  $v = 3120$ 

$$w = 40$$
,  $h = 76$ ,  $x = 149$ ,  $y = 210$ ,  $v = 3040$ 

$$w = 68$$
,  $h = 77$ ,  $x = 81$ ,  $y = 132$ ,  $v = 5236$ 

$$w=\!54$$
 ,  $h=\!70$  ,  $x=\!27$  ,  $y=\!132$  ,  $v=\!3780$ 

$$w = 75$$
,  $h = 71$ ,  $x = 74$ ,  $y = 209$ ,  $v = 5325$ 

$$w = 60$$
,  $h = 15$ ,  $x = 89$ ,  $y = 280$ ,  $v = 900$ 

$$w = 11$$
,  $h = 12$ ,  $x = 78$ ,  $y = 280$ ,  $v = 132$ 

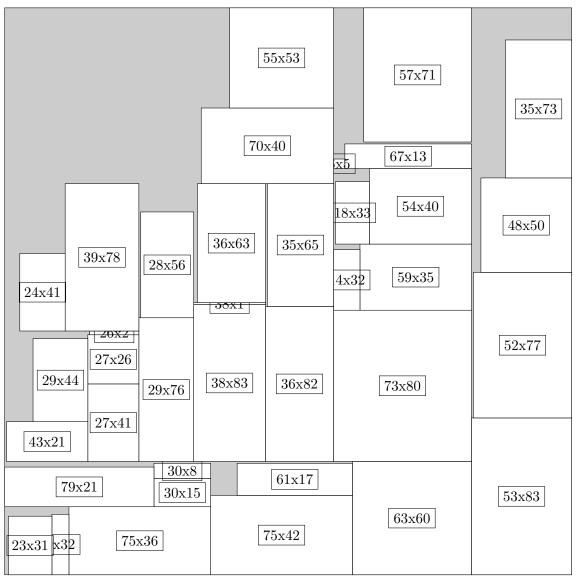
$$w = 35$$
,  $h = 61$ ,  $x = 39$ ,  $y = 209$ ,  $v = 2135$ 

$$w = 35$$
,  $h = 27$ ,  $x = 39$ ,  $y = 270$ ,  $v = 945$ 

$$w=27$$
 ,  $h=76$  ,  $x=0$  ,  $y=\!132$  ,  $v=\!2052$ 

$$w = 24$$
,  $h = 16$ ,  $x = 3$ ,  $y = 208$ ,  $v = 384$ 

$$w = 4$$
,  $h = 74$ ,  $x = 5$ ,  $y = 225$ ,  $v = 296$ 



```
w = 53, h = 83, x = 247, y = 0, v = 4399
```

$$w = 52$$
,  $h = 77$ ,  $x = 248$ ,  $y = 83$ ,  $v = 4004$ 

$$w = 48$$
,  $h = 50$ ,  $x = 252$ ,  $y = 160$ ,  $v = 2400$ 

$$w = 35$$
,  $h = 73$ ,  $x = 265$ ,  $y = 210$ ,  $v = 2555$ 

$$w = 63$$
,  $h = 60$ ,  $x = 184$ ,  $y = 0$ ,  $v = 3780$ 

$$w = 75$$
,  $h = 42$ ,  $x = 109$ ,  $y = 0$ ,  $v = 3150$ 

$$w = 61$$
,  $h = 17$ ,  $x = 123$ ,  $y = 42$ ,  $v = 1037$ 

$$w = 9$$
,  $h = 32$ ,  $x = 25$ ,  $y = 0$ ,  $v = 288$ 

$$w = 23$$
,  $h = 31$ ,  $x = 2$ ,  $y = 0$ ,  $v = 713$ 

$$w = 30$$
,  $h = 15$ ,  $x = 79$ ,  $y = 36$ ,  $v = 450$ 

$$w = 30$$
,  $h = 8$ ,  $x = 79$ ,  $y = 51$ ,  $v = 240$ 

$$w = 79$$
,  $h = 21$ ,  $x = 0$ ,  $y = 36$ ,  $v = 1659$ 

$$w = 73$$
,  $h = 80$ ,  $x = 174$ ,  $y = 60$ ,  $v = 5840$ 

$$w = 59$$
,  $h = 35$ ,  $x = 188$ ,  $y = 140$ ,  $v = 2065$ 

$$w = 14$$
,  $h = 32$ ,  $x = 174$ ,  $y = 140$ ,  $v = 448$ 

```
w = 54, h = 40, x = 193, y = 175, v = 2160
```

$$w = 18$$
,  $h = 33$ ,  $x = 175$ ,  $y = 175$ ,  $v = 594$ 

$$w = 67$$
,  $h = 13$ ,  $x = 180$ ,  $y = 215$ ,  $v = 871$ 

$$w = 6$$
,  $h = 5$ ,  $x = 174$ ,  $y = 215$ ,  $v = 30$ 

$$w = 57$$
,  $h = 71$ ,  $x = 190$ ,  $y = 229$ ,  $v = 4047$ 

$$w = 36$$
,  $h = 82$ ,  $x = 138$ ,  $y = 60$ ,  $v = 2952$ 

$$w = 35$$
,  $h = 65$ ,  $x = 139$ ,  $y = 142$ ,  $v = 2275$ 

$$w = 38$$
,  $h = 83$ ,  $x = 100$ ,  $y = 60$ ,  $v = 3154$ 

$$w = 38$$
,  $h = 1$ ,  $x = 100$ ,  $y = 143$ ,  $v = 38$ 

$$w = 36$$
,  $h = 63$ ,  $x = 102$ ,  $y = 144$ ,  $v = 2268$ 

$$w = 29$$
,  $h = 76$ ,  $x = 71$ ,  $y = 60$ ,  $v = 2204$ 

$$w = 28$$
,  $h = 56$ ,  $x = 72$ ,  $y = 136$ ,  $v = 1568$ 

$$w = 27$$
,  $h = 41$ ,  $x = 44$ ,  $y = 60$ ,  $v = 1107$ 

$$w = 27$$
,  $h = 26$ ,  $x = 44$ ,  $y = 101$ ,  $v = 702$ 

$$w = 26$$
,  $h = 2$ ,  $x = 45$ ,  $y = 127$ ,  $v = 52$ 

$$w = 43$$
,  $h = 21$ ,  $x = 1$ ,  $y = 60$ ,  $v = 903$ 

$$w$$
 =29 ,  $h$  =44 ,  $x$  =15 ,  $y$  =81 ,  $v$  =1276

$$w = 39$$
,  $h = 78$ ,  $x = 32$ ,  $y = 129$ ,  $v = 3042$ 

$$w = 24$$
,  $h = 41$ ,  $x = 8$ ,  $y = 129$ ,  $v = 984$ 

$$w$$
 =70 ,  $h$  =40 ,  $x$  =104 ,  $y$  =207 ,  $v$  =2800

$$w = 55$$
,  $h = 53$ ,  $x = 119$ ,  $y = 247$ ,  $v = 2915$