$ClassName: \ Class\_04.2bp-33$ 

BinSize:  $\underline{100 \times 100}$ ReduceSize:  $\underline{100 \times 100}$ 

TypeNum:  $\underline{78}$ Num:  $\underline{80}$ OutS:  $\underline{30000}$ InS:  $\underline{26128}$ Rate:  $\underline{0.871}$ 

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

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

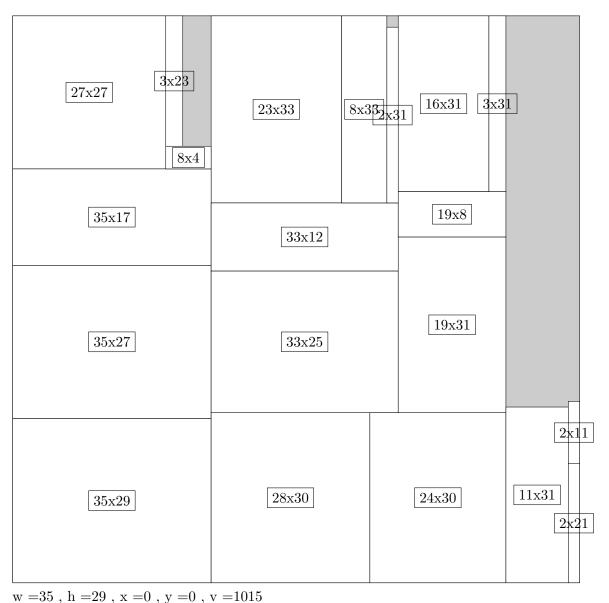
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

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:  $\underline{0.000 \text{ s}}$ TimeOnPricing:  $\underline{0.000 \text{ s}}$ TimeOnRmp:  $\underline{0.079 \text{ s}}$ TotalTime:  $\underline{0.141 \text{ s}}$ 



$$w = 35$$
,  $h = 27$ ,  $x = 0$ ,  $y = 0$ ,  $v = 1015$   
 $w = 35$ ,  $h = 27$ ,  $x = 0$ ,  $y = 29$ ,  $v = 945$ 

$$\le =28$$
 , h =30 , x =35 , y =0 , v =840

$$w = 33$$
,  $h = 25$ ,  $x = 35$ ,  $y = 30$ ,  $v = 825$ 

$$w = 23$$
,  $h = 33$ ,  $x = 35$ ,  $y = 67$ ,  $v = 759$ 

$$w = 27$$
,  $h = 27$ ,  $x = 0$ ,  $y = 73$ ,  $v = 729$ 

$$w = 24$$
,  $h = 30$ ,  $x = 63$ ,  $y = 0$ ,  $v = 720$ 

$$w = 19$$
,  $h = 31$ ,  $x = 68$ ,  $y = 30$ ,  $v = 589$ 

$$\begin{array}{l} w = \! 33 \; , \; h = \! 12 \; , \; x = \! 35 \; , \; y = \! 55 \; , \; v = \! 396 \\ w = \! 11 \; , \; h = \! 31 \; , \; x = \! 87 \; , \; y = \! 0 \; , \; v = \! 341 \end{array}$$

$$w = 8$$
,  $h = 33$ ,  $x = 58$ ,  $y = 67$ ,  $v = 264$ 

$$\le =19$$
 , h =8 , x =68 , y =61 , v =152

$$w = 3$$
,  $h = 31$ ,  $x = 84$ ,  $y = 69$ ,  $v = 93$ 

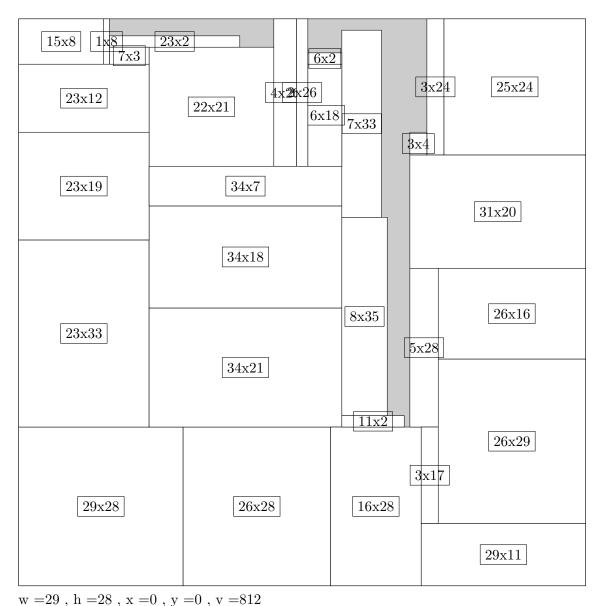
$$w = 3$$
,  $h = 23$ ,  $x = 27$ ,  $y = 77$ ,  $v = 69$ 

 $\le = 2$  , h = 31 , x = 66 , y = 67 , v = 62

 $\mathbf{w}$  =2 , h =21 , x =98 , y =0 , v =42

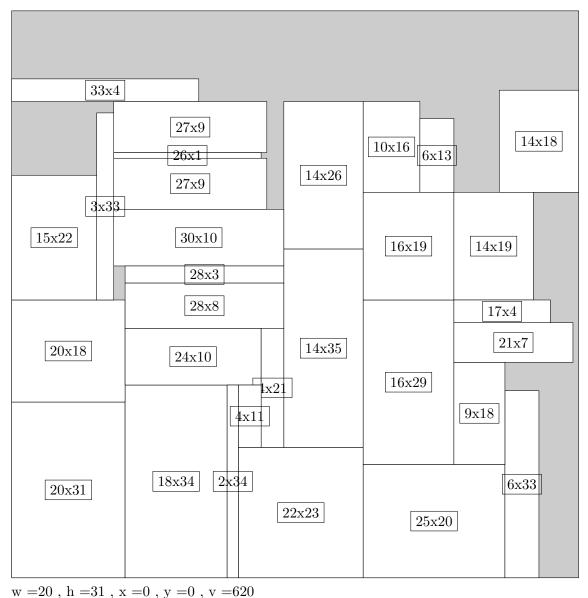
w =8 , h =4 , x =27 , y =73 , v =32

 $\mathbf{w}$  =2 , h =11 , x =98 , y =21 , v =22



```
\begin{array}{l} w = 23 \; , \; h = 33 \; , \; x = 0 \; , \; y = 28 \; , \; v = 759 \\ w = 26 \; , \; h = 29 \; , \; x = 74 \; , \; y = 11 \; , \; v = 754 \\ w = 26 \; , \; h = 28 \; , \; x = 29 \; , \; y = 0 \; , \; v = 728 \\ w = 34 \; , \; h = 21 \; , \; x = 23 \; , \; y = 28 \; , \; v = 714 \\ w = 31 \; , \; h = 20 \; , \; x = 69 \; , \; y = 56 \; , \; v = 620 \\ w = 34 \; , \; h = 18 \; , \; x = 23 \; , \; y = 49 \; , \; v = 612 \\ w = 25 \; , \; h = 24 \; , \; x = 75 \; , \; y = 76 \; , \; v = 600 \\ w = 22 \; , \; h = 21 \; , \; x = 23 \; , \; y = 74 \; , \; v = 462 \\ w = 16 \; , \; h = 28 \; , \; x = 55 \; , \; y = 0 \; , \; v = 448 \\ w = 23 \; , \; h = 19 \; , \; x = 0 \; , \; y = 61 \; , \; v = 437 \\ w = 26 \; , \; h = 16 \; , \; x = 74 \; , \; y = 40 \; , \; v = 416 \\ w = 29 \; , \; h = 11 \; , \; x = 71 \; , \; y = 0 \; , \; v = 280 \\ w = 23 \; , \; h = 12 \; , \; x = 0 \; , \; y = 80 \; , \; v = 276 \\ w = 34 \; , \; h = 7 \; , \; x = 23 \; , \; y = 67 \; , \; v = 238 \\ \end{array}
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\begin{array}{l} w=7\;,\;h=33\;,\;x=57\;,\;y=65\;,\;v=231\\ w=5\;,\;h=28\;,\;x=69\;,\;y=28\;,\;v=140\\ w=15\;,\;h=8\;,\;x=0\;,\;y=92\;,\;v=120\\ w=6\;,\;h=18\;,\;x=51\;,\;y=74\;,\;v=108\\ w=4\;,\;h=26\;,\;x=45\;,\;y=74\;,\;v=104\\ w=3\;,\;h=24\;,\;x=72\;,\;y=76\;,\;v=72\\ w=2\;,\;h=26\;,\;x=49\;,\;y=74\;,\;v=52\\ w=3\;,\;h=17\;,\;x=71\;,\;y=11\;,\;v=51\\ w=23\;,\;h=2\;,\;x=16\;,\;y=95\;,\;v=46\\ w=6\;,\;h=2\;,\;x=51\;,\;y=92\;,\;v=12\\ w=7\;,\;h=3\;,\;x=16\;,\;y=92\;,\;v=21\\ w=11\;,\;h=2\;,\;x=57\;,\;y=28\;,\;v=22\\ w=3\;,\;h=4\;,\;x=69\;,\;y=76\;,\;v=12\\ w=1\;,\;h=8\;,\;x=15\;,\;y=92\;,\;v=8\\ \end{array}
```



```
w = 20 , h = 31 , x = 0 , y = 0 , v = 020

w = 18 , h = 34 , x = 20 , y = 0 , v = 612

w = 22 , h = 23 , x = 40 , y = 0 , v = 506

w = 25 , h = 20 , x = 62 , y = 0 , v = 500

w = 14 , h = 35 , x = 48 , y = 23 , v = 490

w = 16 , h = 29 , x = 62 , y = 20 , v = 464

w = 14 , h = 26 , x = 48 , y = 58 , v = 364

w = 20 , h = 18 , x = 0 , y = 31 , v = 360

w = 15 , h = 22 , x = 0 , y = 49 , v = 330

w = 16 , h = 19 , x = 62 , y = 49 , v = 304

w = 30 , h = 10 , x = 18 , y = 55 , v = 300

w = 14 , h = 19 , x = 78 , y = 49 , v = 266

w = 14 , h = 18 , x = 86 , y = 68 , v = 252

w = 27 , h = 9 , x = 18 , y = 65 , v = 243

w = 24 , h = 10 , x = 20 , y = 34 , v = 240
```

```
\begin{array}{l} w=28\;,\;h=8\;,\;x=20\;,\;y=44\;,\;v=224\\ w=6\;,\;h=33\;,\;x=87\;,\;y=0\;,\;v=198\\ w=9\;,\;h=18\;,\;x=78\;,\;y=20\;,\;v=162\\ w=10\;,\;h=16\;,\;x=62\;,\;y=68\;,\;v=160\\ w=21\;,\;h=7\;,\;x=78\;,\;y=38\;,\;v=147\\ w=33\;,\;h=4\;,\;x=0\;,\;y=84\;,\;v=132\\ w=3\;,\;h=33\;,\;x=15\;,\;y=49\;,\;v=99\\ w=28\;,\;h=3\;,\;x=20\;,\;y=52\;,\;v=84\\ w=4\;,\;h=21\;,\;x=44\;,\;y=23\;,\;v=84\\ w=6\;,\;h=13\;,\;x=72\;,\;y=68\;,\;v=78\\ w=17\;,\;h=4\;,\;x=78\;,\;y=45\;,\;v=68\\ w=2\;,\;h=34\;,\;x=38\;,\;y=0\;,\;v=68\\ w=4\;,\;h=11\;,\;x=40\;,\;y=23\;,\;v=44\\ \end{array}
```

w =26 , h =1 , x =18 , y =74 , v =26