$ClassName: \ Class_04.2bp-38$

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

TypeNum: $\underline{78}$ Num: $\underline{80}$ OutS: $\underline{40000}$ InS: $\underline{29756}$ Rate: $\underline{0.744}$

UB: <u>4</u> LB0: <u>3</u> LB: <u>4</u>

LBWithCut: $\underline{\mathbf{4}}$ NodeCut: $\underline{\mathbf{0}}$

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

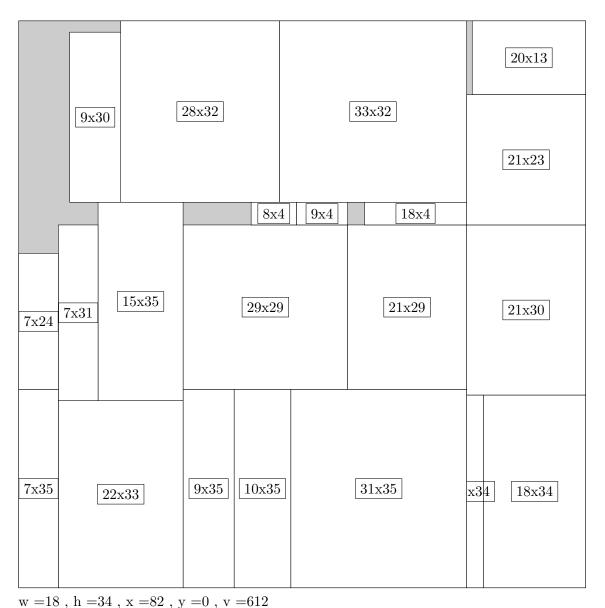
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{37}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{34}}$ PricingSolverCnt: $\underline{\mathbf{34}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

isOpt: **false**

TimeOnInitSolution: $\underline{600.000 \text{ s}}$

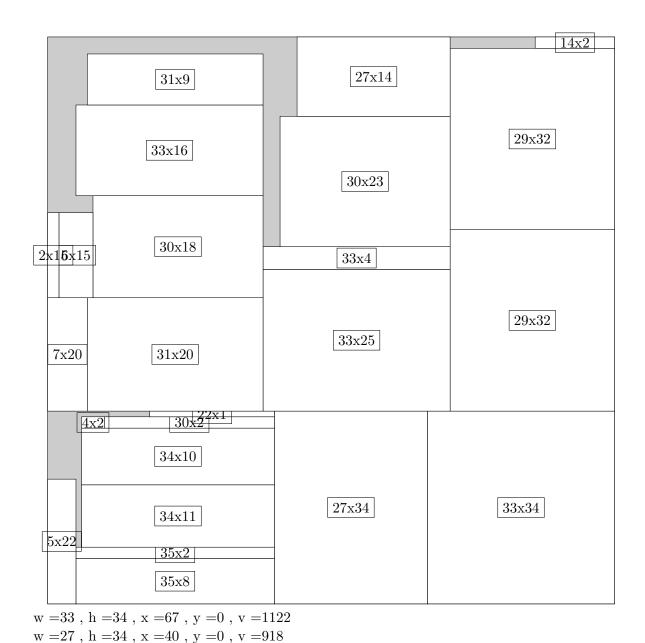
TimeOnPrimal: $\underline{0.000 \text{ s}}$ TimeOnPricing: $\underline{2999.605 \text{ s}}$

TimeOnRmp: $\underline{0.095}$ s TotalTime: $\underline{3599.997}$ s



```
\begin{array}{l} w = 3 \; , \; h = 34 \; , \; x = 79 \; , \; y = 0 \; , \; v = 102 \\ w = 21 \; , \; h = 30 \; , \; x = 79 \; , \; y = 34 \; , \; v = 630 \\ w = 21 \; , \; h = 23 \; , \; x = 79 \; , \; y = 64 \; , \; v = 483 \\ w = 20 \; , \; h = 13 \; , \; x = 80 \; , \; y = 87 \; , \; v = 260 \\ w = 31 \; , \; h = 35 \; , \; x = 48 \; , \; y = 0 \; , \; v = 1085 \\ w = 10 \; , \; h = 35 \; , \; x = 38 \; , \; y = 0 \; , \; v = 350 \\ w = 9 \; , \; h = 35 \; , \; x = 29 \; , \; y = 0 \; , \; v = 315 \\ w = 21 \; , \; h = 29 \; , \; x = 58 \; , \; y = 35 \; , \; v = 609 \\ w = 18 \; , \; h = 4 \; , \; x = 61 \; , \; y = 64 \; , \; v = 72 \\ w = 29 \; , \; h = 29 \; , \; x = 29 \; , \; y = 35 \; , \; v = 841 \\ w = 9 \; , \; h = 4 \; , \; x = 49 \; , \; y = 64 \; , \; v = 36 \\ w = 8 \; , \; h = 4 \; , \; x = 41 \; , \; y = 64 \; , \; v = 32 \\ w = 22 \; , \; h = 33 \; , \; x = 7 \; , \; y = 0 \; , \; v = 726 \\ w = 15 \; , \; h = 35 \; , \; x = 14 \; , \; y = 33 \; , \; v = 525 \\ w = 7 \; , \; h = 31 \; , \; x = 7 \; , \; y = 33 \; , \; v = 217 \\ \end{array}
```

 $\begin{array}{l} w = \! 33 \; , \; h = \! 32 \; , \; x = \! 46 \; , \; y = \! 68 \; , \; v = \! 1056 \\ w = \! 28 \; , \; h = \! 32 \; , \; x = \! 18 \; , \; y = \! 68 \; , \; v = \! 896 \\ w = \! 9 \; , \; h = \! 30 \; , \; x = \! 9 \; , \; y = \! 68 \; , \; v = \! 270 \\ w = \! 7 \; , \; h = \! 35 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 245 \\ w = \! 7 \; , \; h = \! 24 \; , \; x = \! 0 \; , \; y = \! 35 \; , \; v = \! 168 \end{array}$



```
w =35, h =8, x =5, y =0, v =280

w =35, h =2, x =5, y =8, v =70

w =34, h =11, x =6, y =10, v =374

w =34, h =10, x =6, y =21, v =340

w =30, h =2, x =10, y =31, v =60

w =4, h =2, x =6, y =31, v =8

w =22, h =1, x =18, y =33, v =22

w =5, h =22, x =0, y =0, v =110

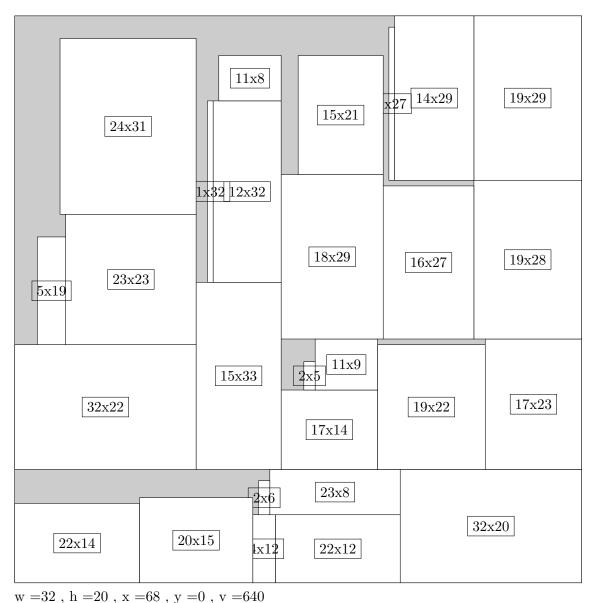
w =29, h =32, x =71, y =34, v =928

w =29, h =32, x =71, y =66, v =928

w =14, h =2, x =86, y =98, v =28

w =33, h =25, x =38, y =34, v =825
```

w =33, h =4, x =38, y =59, v =132 w =30, h =23, x =41, y =63, v =690 $\begin{array}{l} w=27 \;,\; h=14 \;,\; x=44 \;,\; y=86 \;,\; v=378 \\ w=31 \;,\; h=20 \;,\; x=7 \;,\; y=34 \;,\; v=620 \\ w=7 \;,\; h=20 \;,\; x=0 \;,\; y=34 \;,\; v=140 \\ w=30 \;,\; h=18 \;,\; x=8 \;,\; y=54 \;,\; v=540 \\ w=6 \;,\; h=15 \;,\; x=2 \;,\; y=54 \;,\; v=90 \\ w=2 \;,\; h=15 \;,\; x=0 \;,\; y=54 \;,\; v=30 \\ w=33 \;,\; h=16 \;,\; x=5 \;,\; y=72 \;,\; v=528 \\ w=31 \;,\; h=9 \;,\; x=7 \;,\; y=88 \;,\; v=279 \end{array}$



```
w = 22, h = 12, x = 46, y = 0, v = 264

w = 24, h = 12, x = 42, y = 0, v = 264

w = 23, h = 8, x = 45, y = 12, v = 184

w = 23, h = 6, x = 43, y = 12, v = 12

w = 20, h = 15, x = 22, y = 0, v = 300

w = 22, h = 14, x = 0, y = 0, v = 308

w = 17, h = 23, x = 83, y = 20, v = 391

w = 19, h = 22, x = 64, y = 20, v = 238

w = 17, h = 14, x = 47, y = 20, v = 238

w = 17, h = 14, x = 47, y = 20, v = 238

w = 11, h = 9, x = 53, y = 34, v = 99

w = 2, h = 5, x = 51, y = 34, v = 10

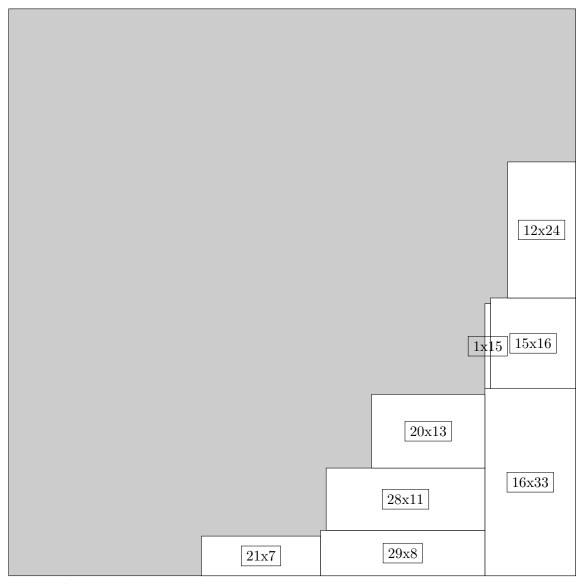
w = 19, h = 28, x = 81, y = 43, v = 432

w = 16, h = 27, x = 65, y = 43, v = 432

w = 19, h = 29, x = 81, y = 71, v = 551

w = 14, h = 29, x = 67, y = 71, v = 406
```

 $\begin{array}{l} w=1\ ,\ h=27\ ,\ x=66\ ,\ y=71\ ,\ v=27\\ w=18\ ,\ h=29\ ,\ x=47\ ,\ y=43\ ,\ v=522\\ w=15\ ,\ h=21\ ,\ x=50\ ,\ y=72\ ,\ v=315\\ w=15\ ,\ h=33\ ,\ x=32\ ,\ y=20\ ,\ v=495\\ w=12\ ,\ h=32\ ,\ x=35\ ,\ y=53\ ,\ v=384\\ w=1\ ,\ h=32\ ,\ x=34\ ,\ y=53\ ,\ v=32\\ w=11\ ,\ h=8\ ,\ x=36\ ,\ y=85\ ,\ v=88\\ w=32\ ,\ h=22\ ,\ x=0\ ,\ y=20\ ,\ v=704\\ w=23\ ,\ h=23\ ,\ x=9\ ,\ y=42\ ,\ v=529\\ w=5\ ,\ h=19\ ,\ x=4\ ,\ y=42\ ,\ v=95\\ w=24\ ,\ h=31\ ,\ x=8\ ,\ y=65\ ,\ v=744\\ \end{array}$



$$w = 16$$
, $h = 33$, $x = 84$, $y = 0$, $v = 528$

$$\le =15$$
 , $h=16$, $x=85$, $y=33$, $v=240$

$$w=\!1$$
 , $h=\!15$, $x=\!84$, $y=\!33$, $v=\!15$

$$w = 12$$
, $h = 24$, $x = 88$, $y = 49$, $v = 288$

$$\le =29$$
 , h =8 , x =55 , y =0 , v =232

$$\mathbf{w}$$
 =21 , h =7 , x =34 , y =0 , v =147

$$w = 28$$
, $h = 11$, $x = 56$, $y = 8$, $v = 308$

$$\le =20$$
 , h =13 , x =64 , y =19 , v =260