$ClassName: \ Class_04.2bp-23$

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

TypeNum: <u>58</u> Num: <u>60</u> OutS: <u>20000</u> InS: <u>19663</u> Rate: <u>0.983</u>

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

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

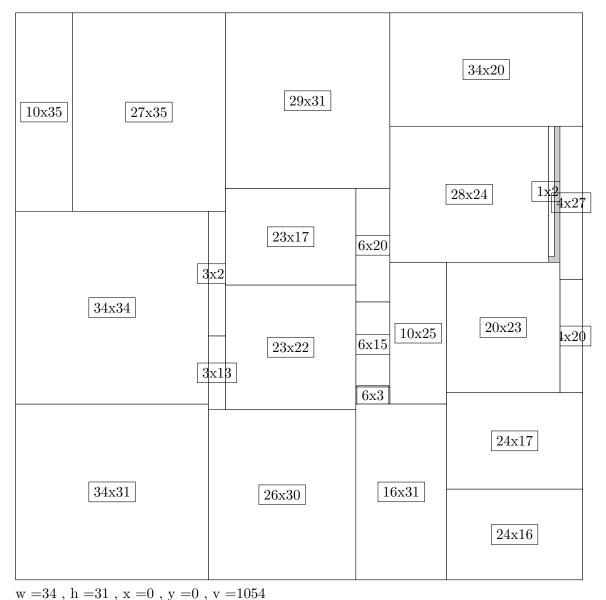
ExtendedNodeCnt: $\underline{\mathbf{1}}$

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: 38.800 s

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 38.956 s



```
w =6 , h =20 , x =60 , y =49 , v =120

w =6 , h =15 , x =60 , y =34 , v =90

w =10 , h =25 , x =66 , y =31 , v =250

w =6 , h =3 , x =60 , y =31 , v =18

w =10 , h =35 , x =0 , y =65 , v =350

w =4 , h =20 , x =96 , y =33 , v =80

w =28 , h =24 , x =66 , y =56 , v =672

w =23 , h =22 , x =37 , y =30 , v =506

w =34 , h =34 , x =0 , y =31 , v =1156

w =29 , h =31 , x =37 , y =69 , v =899

w =20 , h =23 , x =76 , y =33 , v =460

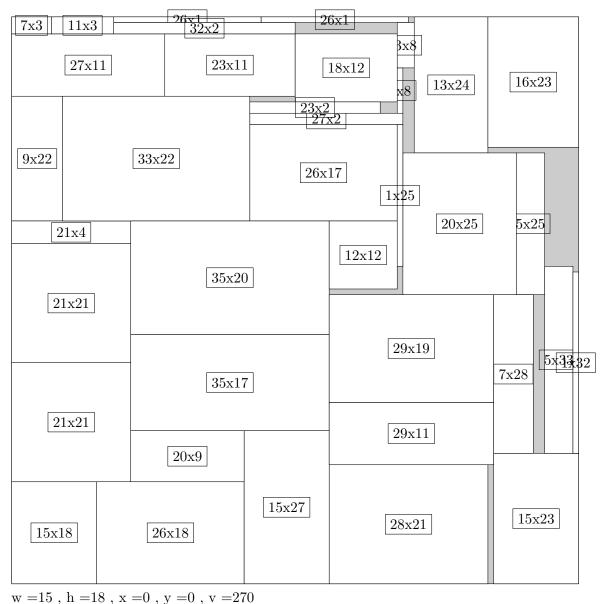
w =24 , h =16 , x =76 , y =0 , v =384

w =26 , h =30 , x =34 , y =0 , v =780

w =3 , h =22 , x =34 , y =43 , v =66

w =23 , h =17 , x =37 , y =52 , v =391
```

 $\begin{array}{l} w=3\ ,\ h=13\ ,\ x=34\ ,\ y=30\ ,\ v=39\\ w=27\ ,\ h=35\ ,\ x=10\ ,\ y=65\ ,\ v=945\\ w=34\ ,\ h=20\ ,\ x=66\ ,\ y=80\ ,\ v=680\\ w=24\ ,\ h=17\ ,\ x=76\ ,\ y=16\ ,\ v=408\\ w=1\ ,\ h=23\ ,\ x=94\ ,\ y=57\ ,\ v=23\\ w=4\ ,\ h=27\ ,\ x=96\ ,\ y=53\ ,\ v=108\\ w=16\ ,\ h=31\ ,\ x=60\ ,\ y=0\ ,\ v=496\\ \end{array}$



$$\begin{array}{l} w = 21 \; , \; h = 21 \; , \; x = 0 \; , \; y = 18 \; , \; v = 441 \\ w = 9 \; , \; h = 22 \; , \; x = 0 \; , \; y = 64 \; , \; v = 198 \\ w = 21 \; , \; h = 21 \; , \; x = 0 \; , \; y = 39 \; , \; v = 441 \\ w = 27 \; , \; h = 11 \; , \; x = 0 \; , \; y = 86 \; , \; v = 297 \\ w = 35 \; , \; h = 17 \; , \; x = 21 \; , \; y = 27 \; , \; v = 595 \\ w = 28 \; , \; h = 21 \; , \; x = 56 \; , \; y = 0 \; , \; v = 588 \\ w = 26 \; , \; h = 18 \; , \; x = 15 \; , \; y = 0 \; , \; v = 468 \\ w = 15 \; , \; h = 27 \; , \; x = 41 \; , \; y = 0 \; , \; v = 405 \\ w = 26 \; , \; h = 17 \; , \; x = 42 \; , \; y = 64 \; , \; v = 442 \\ w = 27 \; , \; h = 2 \; , \; x = 42 \; , \; y = 81 \; , \; v = 54 \\ w = 21 \; , \; h = 4 \; , \; x = 0 \; , \; y = 60 \; , \; v = 84 \\ w = 33 \; , \; h = 22 \; , \; x = 9 \; , \; y = 64 \; , \; v = 726 \\ w = 26 \; , \; h = 1 \; , \; x = 18 \; , \; y = 99 \; , \; v = 26 \\ w = 7 \; , \; h = 3 \; , \; x = 0 \; , \; y = 97 \; , \; v = 21 \\ w = 13 \; , \; h = 24 \; , \; x = 71 \; , \; y = 76 \; , \; v = 312 \\ \end{array}$$

```
w = 1, h = 8, x = 68, y = 83, v = 8
w = 35, h = 20, x = 21, y = 44, v = 700
w = 5, h = 33, x = 94, y = 23, v = 165
w = 23, h = 11, x = 27, y = 86, v = 253
w = 5, h = 25, x = 89, y = 51, v = 125
w =7 , h =28 , x =85 , y =23 , v =196
w = 15, h = 23, x = 85, y = 0, v = 345
w=\!11 , h=\!3 , x=\!7 , y=\!97 , v=\!33
w = 16, h = 23, x = 84, y = 77, v = 368
w = 26, h = 1, x = 44, y = 99, v = 26
w = 29, h = 11, x = 56, y = 21, v = 319
w = 20, h = 9, x = 21, y = 18, v = 180
w = 1, h = 32, x = 99, y = 23, v = 32
w = 3, h = 8, x = 68, y = 91, v = 24
w = 18, h = 12, x = 50, y = 85, v = 216
w = 23, h = 2, x = 42, y = 83, v = 46
w = 29, h = 19, x = 56, y = 32, v = 551
w = 32, h = 2, x = 18, y = 97, v = 64
w = 20, h = 25, x = 69, y = 51, v = 500
w = 1, h = 25, x = 68, y = 56, v = 25
w = 12, h = 12, x = 56, y = 52, v = 144
```