$ClassName: \ Class_04.2bp-24$

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

TypeNum: $\underline{60}$ Num: $\underline{60}$ OutS: $\underline{20000}$ InS: $\underline{17407}$ Rate: $\underline{0.870}$

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

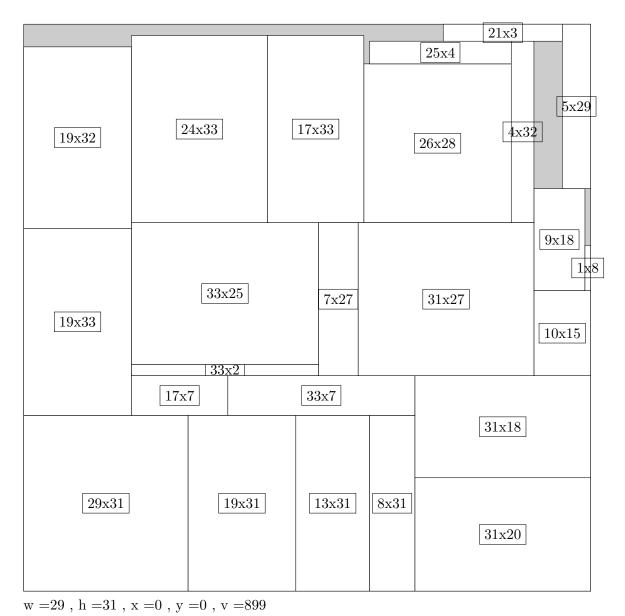
LBWithCut: $\underline{\mathbf{2}}$ NodeCut: $\underline{\mathbf{0}}$

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

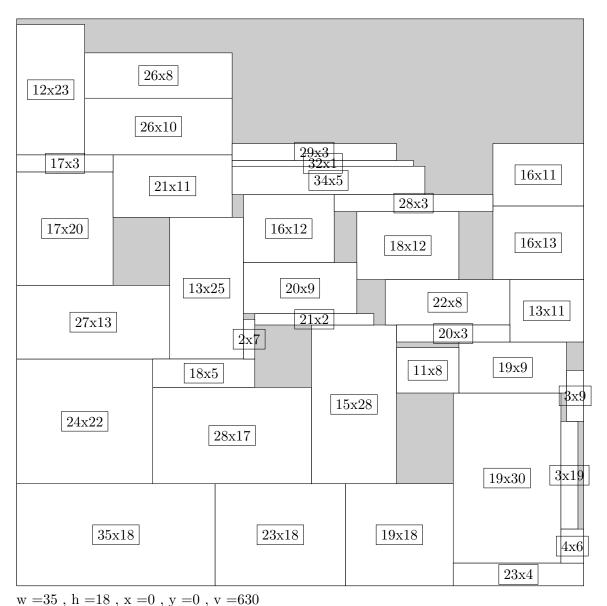
isOpt: $\underline{\mathbf{true}}$

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.000 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.063 \ s} \\ {\rm TotalTime:} \ \underline{0.125 \ s} \\ \end{array}$



```
\begin{array}{l} w = 33 \; , \; h = 2 \; , \; x = 19 \; , \; y = 38 \; , \; v = 66 \\ w = 33 \; , \; h = 25 \; , \; x = 19 \; , \; y = 40 \; , \; v = 825 \\ w = 24 \; , \; h = 33 \; , \; x = 19 \; , \; y = 65 \; , \; v = 792 \\ w = 26 \; , \; h = 28 \; , \; x = 60 \; , \; y = 65 \; , \; v = 728 \\ w = 19 \; , \; h = 33 \; , \; x = 0 \; , \; y = 31 \; , \; v = 627 \\ w = 31 \; , \; h = 20 \; , \; x = 69 \; , \; y = 0 \; , \; v = 620 \\ w = 19 \; , \; h = 32 \; , \; x = 0 \; , \; y = 64 \; , \; v = 608 \\ w = 19 \; , \; h = 31 \; , \; x = 29 \; , \; y = 0 \; , \; v = 589 \\ w = 17 \; , \; h = 33 \; , \; x = 43 \; , \; y = 65 \; , \; v = 561 \\ w = 31 \; , \; h = 18 \; , \; x = 69 \; , \; y = 20 \; , \; v = 558 \\ w = 13 \; , \; h = 31 \; , \; x = 48 \; , \; y = 0 \; , \; v = 403 \\ w = 8 \; , \; h = 31 \; , \; x = 61 \; , \; y = 0 \; , \; v = 248 \\ w = 33 \; , \; h = 7 \; , \; x = 36 \; , \; y = 31 \; , \; v = 231 \\ w = 7 \; , \; h = 27 \; , \; x = 52 \; , \; y = 38 \; , \; v = 189 \\ w = 9 \; , \; h = 18 \; , \; x = 90 \; , \; y = 53 \; , \; v = 162 \\ \end{array}
```

 $\begin{array}{l} w=10\;,\;h=15\;,\;x=90\;,\;y=38\;,\;v=150\\ w=5\;,\;h=29\;,\;x=95\;,\;y=71\;,\;v=145\\ w=4\;,\;h=32\;,\;x=86\;,\;y=65\;,\;v=128\\ w=17\;,\;h=7\;,\;x=19\;,\;y=31\;,\;v=119\\ w=25\;,\;h=4\;,\;x=61\;,\;y=93\;,\;v=100\\ w=31\;,\;h=27\;,\;x=59\;,\;y=38\;,\;v=837\\ w=21\;,\;h=3\;,\;x=74\;,\;y=97\;,\;v=63\\ w=1\;,\;h=8\;,\;x=99\;,\;y=53\;,\;v=8 \end{array}$



```
w =19 , h =30 , x =77 , y =4 , v =570

w =24 , h =22 , x =0 , y =18 , v =528

w =28 , h =17 , x =24 , y =18 , v =476

w =15 , h =28 , x =52 , y =18 , v =420

w =23 , h =18 , x =35 , y =0 , v =414

w =27 , h =13 , x =0 , y =40 , v =351

w =19 , h =18 , x =58 , y =0 , v =342

w =17 , h =20 , x =0 , y =53 , v =340

w =13 , h =25 , x =27 , y =40 , v =325

w =12 , h =23 , x =0 , y =76 , v =276

w =26 , h =10 , x =12 , y =76 , v =260

w =21 , h =11 , x =17 , y =65 , v =231

w =18 , h =12 , x =60 , y =54 , v =216

w =26 , h =8 , x =12 , y =86 , v =208

w =16 , h =13 , x =84 , y =54 , v =208
```

```
w = 16, h = 12, x = 40, y = 57, v = 192
```

$$w = 20$$
, $h = 9$, $x = 40$, $y = 48$, $v = 180$

$$w = 22$$
, $h = 8$, $x = 65$, $y = 46$, $v = 176$

$$w = 16$$
, $h = 11$, $x = 84$, $y = 67$, $v = 176$

$$w = 19$$
, $h = 9$, $x = 78$, $y = 34$, $v = 171$

$$\le =34$$
 , h =5 , x =38 , y =69 , v =170

$$w = 13$$
, $h = 11$, $x = 87$, $y = 43$, $v = 143$

$$w=23$$
 , $h=4$, $x=77$, $y=0$, $v=92$

$$w = 18$$
, $h = 5$, $x = 24$, $y = 35$, $v = 90$

$$w = 11$$
, $h = 8$, $x = 67$, $y = 34$, $v = 88$

$$w = 29$$
, $h = 3$, $x = 38$, $y = 75$, $v = 87$

$$w = 28$$
, $h = 3$, $x = 56$, $y = 66$, $v = 84$

$$w = 20$$
, $h = 3$, $x = 67$, $y = 43$, $v = 60$

$$w = 3$$
, $h = 19$, $x = 96$, $y = 10$, $v = 57$

$$w = 17$$
, $h = 3$, $x = 0$, $y = 73$, $v = 51$

$$w$$
 =21 , h =2 , x =42 , y =46 , v =42

$$w = 32$$
, $h = 1$, $x = 38$, $y = 74$, $v = 32$

$$w$$
 =3 , h =9 , x =97 , y =29 , v =27