$ClassName: \ Class_04.2bp-41$

BinSize: 100×100 ReduceSize: 100×100

TypeNum: 96 Num: **100** OutS: **40000** InS: 33240Rate: $\underline{0.831}$

UB: **4** LB0: **4** LB: **4**

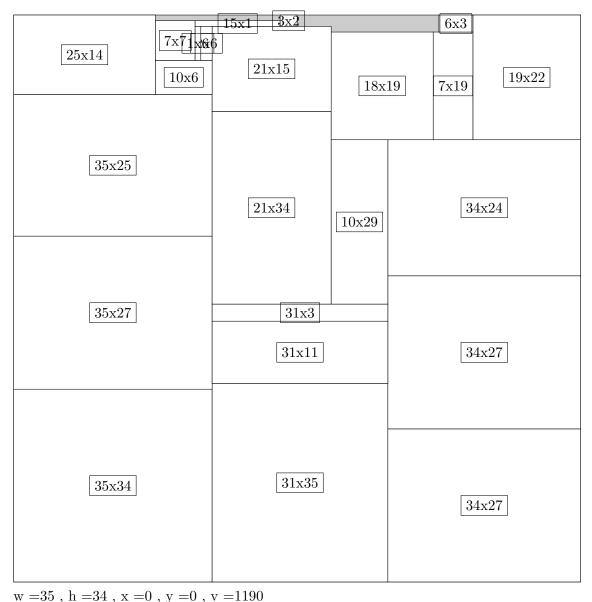
LBWithCut: 4 NodeCut: $\mathbf{0}$

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

GenNodeCnt: $\mathbf{1}$ PrimalNode: $\mathbf{0}$ ColumnCount: 4 $TotalCutCount: \ \mathbf{0}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\mathbf{0}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

TimeOnInitSolution: $\underline{0.010 \text{ s}}$ TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.079 sTotalTime: 0.166 s



```
w =31, h =35, x =35, y =0, v =1130

w =31, h =35, x =35, y =0, v =1085

w =35, h =27, x =0, y =34, v =945

w =34, h =27, x =66, y =0, v =918

w =34, h =27, x =66, y =27, v =918

w =35, h =25, x =0, y =61, v =875

w =34, h =24, x =66, y =54, v =816

w =21, h =34, x =35, y =49, v =714

w =19, h =22, x =81, y =78, v =418

w =25, h =14, x =0, y =86, v =350

w =18, h =19, x =56, y =78, v =342

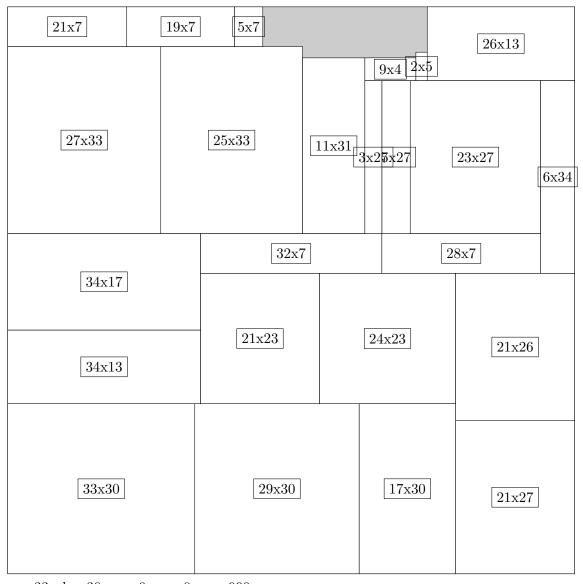
w =31, h =11, x =35, y =35, v =341

w =21, h =29, x =56, y =49, v =290

w =7, h =19, x =74, y =78, v =133

w =31, h =3, x =35, y =46, v =93
```

 $\begin{array}{l} w = & 10 \ , \ h = & 6 \ , \ x = & 25 \ , \ y = & 86 \ , \ v = & 60 \\ w = & 7 \ , \ h = & 7 \ , \ x = & 25 \ , \ y = & 92 \ , \ v = & 49 \\ w = & 6 \ , \ h = & 3 \ , \ x = & 75 \ , \ y = & 97 \ , \ v = & 18 \\ w = & 15 \ , \ h = & 1 \ , \ x = & 32 \ , \ y = & 98 \ , \ v = & 15 \\ w = & 2 \ , \ h = & 6 \ , \ x = & 33 \ , \ y = & 92 \ , \ v = & 12 \\ w = & 3 \ , \ h = & 2 \ , \ x = & 47 \ , \ y = & 98 \ , \ v = & 6 \\ w = & 1 \ , \ h = & 6 \ , \ x = & 32 \ , \ y = & 92 \ , \ v = & 6 \end{array}$



```
w =33, h =30, x =0, y =0, v =990
w =27, h =33, x =0, y =60, v =891
```

$$w = 27$$
, $h = 30$, $x = 0$, $y = 00$, $v = 891$
 $w = 29$, $h = 30$, $y = 33$, $v = 0$, $v = 870$

$$w = 29$$
, $h = 30$, $x = 33$, $y = 0$, $v = 870$

$$w = 25$$
, $h = 33$, $x = 27$, $y = 60$, $v = 825$

$$w = 23$$
, $h = 27$, $x = 71$, $y = 60$, $v = 621$
 $w = 21$, $h = 27$, $x = 79$, $y = 0$, $v = 567$

$$w = 24$$
, $h = 23$, $x = 55$, $y = 30$, $v = 552$

$$w = 21$$
, $h = 26$, $x = 79$, $y = 27$, $v = 546$

$$\le =17$$
 , h =30 , x =62 , y =0 , v =510

$$w = 21$$
, $h = 23$, $x = 34$, $y = 30$, $v = 483$

$$w=34$$
 , $h=\!13$, $x=\!0$, $y=\!30$, $v=\!442$

$$w = 11$$
, $h = 31$, $x = 52$, $y = 60$, $v = 341$

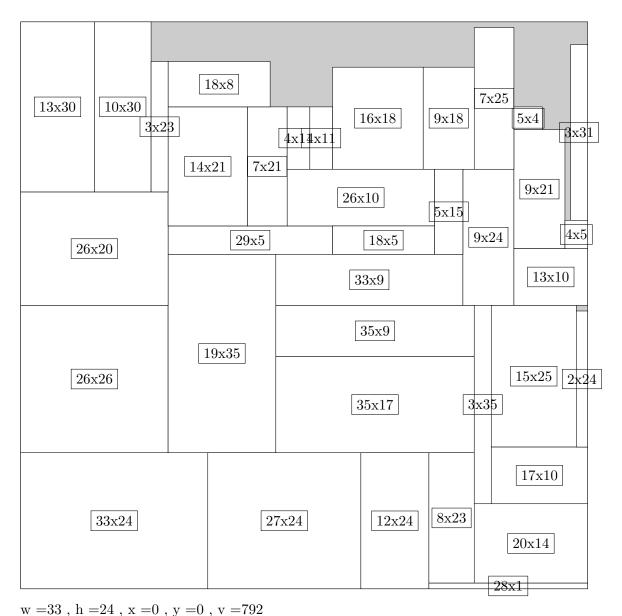
$$w = 26$$
, $h = 13$, $x = 74$, $y = 87$, $v = 338$

$$w = 32$$
, $h = 7$, $x = 34$, $y = 53$, $v = 224$

$$w$$
 =6 , h =34 , x =94 , y =53 , v =204

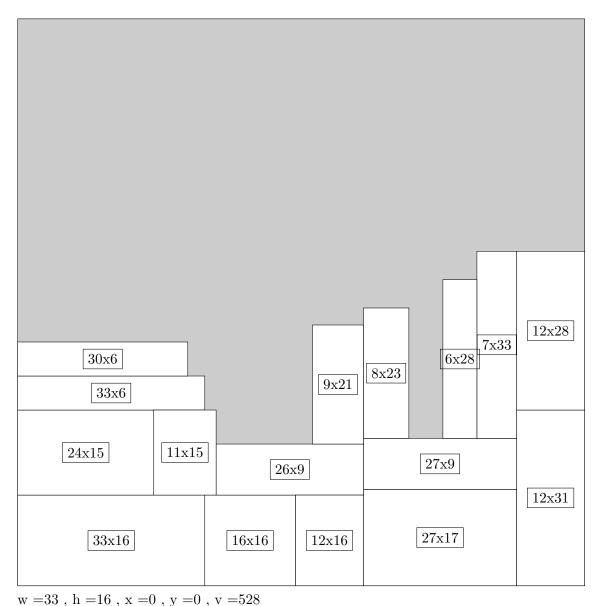
$$\le =28$$
 , h =7 , x =66 , y =53 , v =196

 $\begin{array}{l} w=21\;,\; h=7\;,\; x=0\;,\; y=93\;,\; v=147\\ w=34\;,\; h=17\;,\; x=0\;,\; y=43\;,\; v=578\\ w=5\;,\; h=27\;,\; x=66\;,\; y=60\;,\; v=135\\ w=19\;,\; h=7\;,\; x=21\;,\; y=93\;,\; v=133\\ w=3\;,\; h=27\;,\; x=63\;,\; y=60\;,\; v=81\\ w=9\;,\; h=4\;,\; x=63\;,\; y=87\;,\; v=36\\ w=5\;,\; h=7\;,\; x=40\;,\; y=93\;,\; v=35\\ w=2\;,\; h=5\;,\; x=72\;,\; y=87\;,\; v=10\\ \end{array}$



w = 20, h = 14, x = 80, y = 1, v = 280

```
w = 26, h = 10, x = 47, y = 64, v = 260
w = 9, h = 24, x = 78, y = 50, v = 216
w = 9, h = 21, x = 87, y = 60, v = 189
w = 8, h = 23, x = 72, y = 1, v = 184
w = 7, h = 25, x = 80, y = 74, v = 175
w=\!17 , h=\!10 , x=\!83 , y=\!15 , v=\!170
w = 9, h = 18, x = 71, y = 74, v = 162
w=7 , h=\!21 , x=\!40 , y=\!64 , v=\!147
w = 18, h = 8, x = 26, y = 85, v = 144
w = 13, h = 10, x = 87, y = 50, v = 130
w = 3, h = 35, x = 80, y = 15, v = 105
w = 3, h = 31, x = 97, y = 65, v = 93
w = 18, h = 5, x = 55, y = 59, v = 90
w = 5, h = 15, x = 73, y = 59, v = 75
w = 3, h = 23, x = 23, y = 70, v = 69
w = 2, h = 24, x = 98, y = 25, v = 48
w = 4, h = 11, x = 47, y = 74, v = 44
w = 4, h = 11, x = 51, y = 74, v = 44
\mathbf{w} =28 , h =1 , x =72 , y =0 , v =28
w = 5, h = 4, x = 87, y = 81, v = 20
w = 4, h = 5, x = 96, y = 60, v = 20
```



```
\begin{array}{l} w = 27 \;,\; h = 17 \;,\; x = 61 \;,\; y = 0 \;,\; v = 459 \\ w = 12 \;,\; h = 31 \;,\; x = 88 \;,\; y = 0 \;,\; v = 372 \\ w = 24 \;,\; h = 15 \;,\; x = 0 \;,\; y = 16 \;,\; v = 360 \\ w = 12 \;,\; h = 28 \;,\; x = 88 \;,\; y = 31 \;,\; v = 336 \\ w = 16 \;,\; h = 16 \;,\; x = 33 \;,\; y = 0 \;,\; v = 256 \\ w = 27 \;,\; h = 9 \;,\; x = 61 \;,\; y = 17 \;,\; v = 243 \\ w = 26 \;,\; h = 9 \;,\; x = 35 \;,\; y = 16 \;,\; v = 234 \\ w = 7 \;,\; h = 33 \;,\; x = 81 \;,\; y = 26 \;,\; v = 231 \\ w = 33 \;,\; h = 6 \;,\; x = 0 \;,\; y = 31 \;,\; v = 198 \\ w = 12 \;,\; h = 16 \;,\; x = 49 \;,\; y = 0 \;,\; v = 192 \\ w = 9 \;,\; h = 21 \;,\; x = 52 \;,\; y = 25 \;,\; v = 189 \\ w = 8 \;,\; h = 23 \;,\; x = 61 \;,\; y = 26 \;,\; v = 184 \\ w = 30 \;,\; h = 6 \;,\; x = 0 \;,\; y = 37 \;,\; v = 180 \\ w = 6 \;,\; h = 28 \;,\; x = 75 \;,\; y = 26 \;,\; v = 168 \\ w = 11 \;,\; h = 15 \;,\; x = 24 \;,\; y = 16 \;,\; v = 165 \end{array}
```