$ClassName: \ Class_04.2bp-49$

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

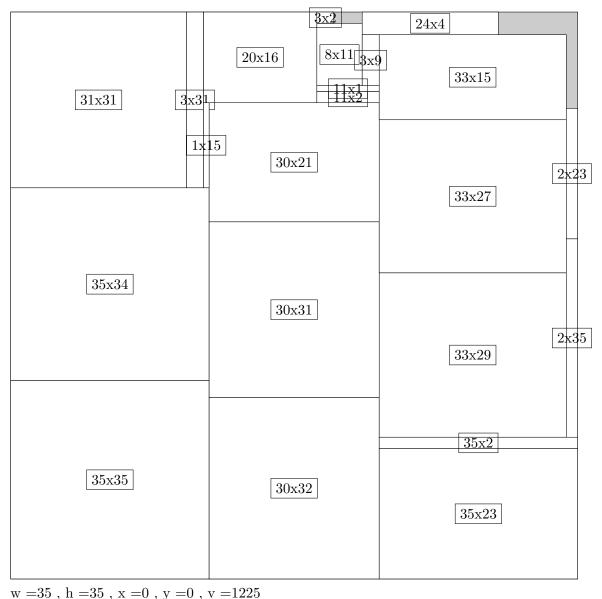
TypeNum: $\underline{99}$ Num: $\underline{100}$ OutS: $\underline{40000}$ InS: $\underline{37188}$ Rate: $\underline{0.930}$

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

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

isOpt: **true**

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 0.125 s



```
w =35, h =34, x =0, y =35, v =1190

w =31, h =31, x =0, y =69, v =961

w =30, h =32, x =35, y =0, v =960

w =33, h =29, x =65, y =25, v =957

w =30, h =31, x =35, y =32, v =930

w =33, h =27, x =65, y =54, v =891

w =35, h =23, x =65, y =0, v =805

w =30, h =21, x =35, y =63, v =630

w =33, h =15, x =65, y =81, v =495

w =20, h =16, x =34, y =84, v =320

w =24, h =4, x =62, y =96, v =96

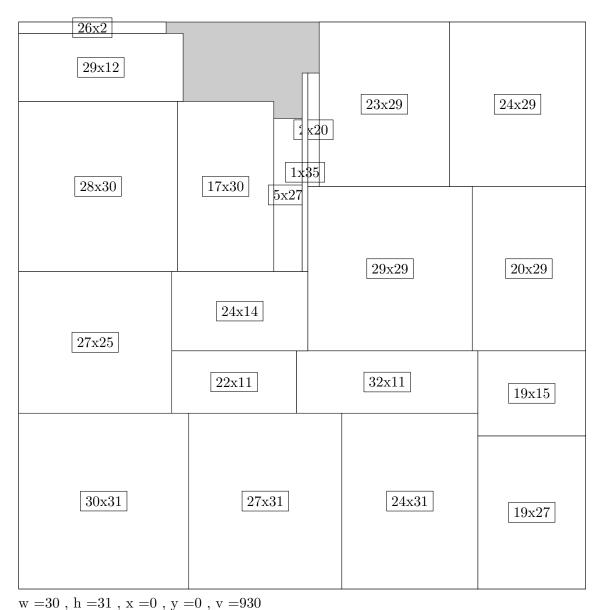
w =3, h =31, x =31, y =69, v =93

w =8, h =11, x =54, y =87, v =88

w =35, h =2, x =65, y =23, v =70

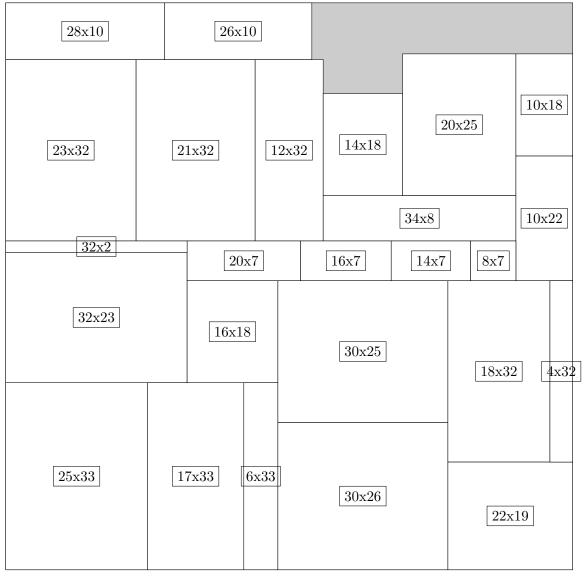
w =2, h =35, x =98, y =25, v =70
```

 $\begin{array}{l} w=2\ ,\, h=23\ ,\, x=98\ ,\, y=60\ ,\, v=46\\ w=3\ ,\, h=9\ ,\, x=62\ ,\, y=87\ ,\, v=27\\ w=11\ ,\, h=2\ ,\, x=54\ ,\, y=84\ ,\, v=22\\ w=1\ ,\, h=15\ ,\, x=34\ ,\, y=69\ ,\, v=15\\ w=11\ ,\, h=1\ ,\, x=54\ ,\, y=86\ ,\, v=11\\ w=3\ ,\, h=2\ ,\, x=54\ ,\, y=98\ ,\, v=6\\ \end{array}$



```
\begin{array}{c} w = 29 \;, \; h = 29 \;, \; x = 51 \;, \; y = 42 \;, \; v = 841 \\ w = 28 \;, \; h = 30 \;, \; x = 0 \;, \; y = 56 \;, \; v = 840 \\ w = 27 \;, \; h = 31 \;, \; x = 30 \;, \; y = 0 \;, \; v = 837 \\ w = 24 \;, \; h = 31 \;, \; x = 57 \;, \; y = 0 \;, \; v = 744 \\ w = 24 \;, \; h = 29 \;, \; x = 76 \;, \; y = 71 \;, \; v = 696 \\ w = 27 \;, \; h = 25 \;, \; x = 0 \;, \; y = 31 \;, \; v = 675 \\ w = 23 \;, \; h = 29 \;, \; x = 53 \;, \; y = 71 \;, \; v = 667 \\ w = 20 \;, \; h = 29 \;, \; x = 80 \;, \; y = 42 \;, \; v = 580 \\ w = 19 \;, \; h = 27 \;, \; x = 81 \;, \; y = 0 \;, \; v = 513 \\ w = 17 \;, \; h = 30 \;, \; x = 28 \;, \; y = 56 \;, \; v = 510 \\ w = 32 \;, \; h = 11 \;, \; x = 49 \;, \; y = 31 \;, \; v = 352 \\ w = 29 \;, \; h = 12 \;, \; x = 0 \;, \; y = 86 \;, \; v = 348 \\ w = 24 \;, \; h = 14 \;, \; x = 27 \;, \; y = 42 \;, \; v = 336 \\ w = 19 \;, \; h = 15 \;, \; x = 81 \;, \; y = 27 \;, \; v = 285 \\ w = 22 \;, \; h = 11 \;, \; x = 27 \;, \; y = 31 \;, \; v = 242 \end{array}
```

 $\begin{array}{l} w = 5 \ , \ h = 27 \ , \ x = 45 \ , \ y = 56 \ , \ v = 135 \\ w = 26 \ , \ h = 2 \ , \ x = 0 \ , \ y = 98 \ , \ v = 52 \\ w = 2 \ , \ h = 20 \ , \ x = 51 \ , \ y = 71 \ , \ v = 40 \\ w = 1 \ , \ h = 35 \ , \ x = 50 \ , \ y = 56 \ , \ v = 35 \end{array}$



```
w = 25, h = 33, x = 0, y = 0, v = 825
```

$$w=\!30$$
 , $h=\!26$, $x=\!48$, $y=\!0$, $v=\!780$

$$w = 30$$
, $h = 25$, $x = 48$, $y = 26$, $v = 750$

$$w = 32$$
, $h = 23$, $x = 0$, $y = 33$, $v = 736$

$$w = 23$$
, $h = 32$, $x = 0$, $y = 58$, $v = 736$

$$w = 21$$
, $h = 32$, $x = 23$, $y = 58$, $v = 672$

$$w = 18$$
, $h = 32$, $x = 78$, $y = 19$, $v = 576$

$$w = 17$$
, $h = 33$, $x = 25$, $y = 0$, $v = 561$

$$w = 20$$
, $h = 25$, $x = 70$, $y = 66$, $v = 500$

$$w = 22$$
, $h = 19$, $x = 78$, $y = 0$, $v = 418$

$$w = 12$$
, $h = 32$, $x = 44$, $y = 58$, $v = 384$

$$w = 16$$
, $h = 18$, $x = 32$, $y = 33$, $v = 288$

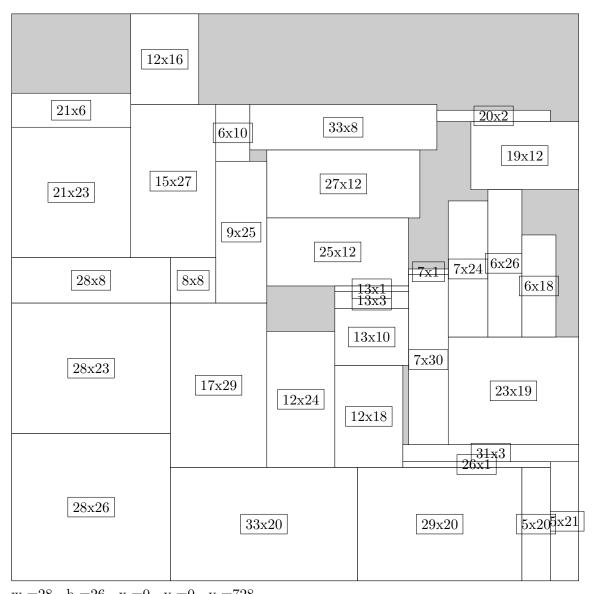
$$w = 28$$
, $h = 10$, $x = 0$, $y = 90$, $v = 280$

$$w = 34$$
, $h = 8$, $x = 56$, $y = 58$, $v = 272$

$$w=\!26$$
 , $h=\!10$, $x=\!28$, $y=\!90$, $v=\!260$

$$w = 14$$
, $h = 18$, $x = 56$, $y = 66$, $v = 252$

 $\begin{array}{l} w=10\;,\;h=22\;,\;x=90\;,\;y=51\;,\;v=220\\ w=6\;,\;h=33\;,\;x=42\;,\;y=0\;,\;v=198\\ w=10\;,\;h=18\;,\;x=90\;,\;y=73\;,\;v=180\\ w=20\;,\;h=7\;,\;x=32\;,\;y=51\;,\;v=140\\ w=4\;,\;h=32\;,\;x=96\;,\;y=19\;,\;v=128\\ w=16\;,\;h=7\;,\;x=52\;,\;y=51\;,\;v=112\\ w=14\;,\;h=7\;,\;x=68\;,\;y=51\;,\;v=98\\ w=32\;,\;h=2\;,\;x=0\;,\;y=56\;,\;v=64\\ w=8\;,\;h=7\;,\;x=82\;,\;y=51\;,\;v=56\\ \end{array}$



```
w = 28, h = 26, x = 0, y = 0, v = 728
w = 33, h = 20, x = 28, y = 0, v = 660
w = 28, h = 23, x = 0, y = 26, v = 644
w = 29, h = 20, x = 61, y = 0, v = 580
w = 17, h = 29, x = 28, y = 20, v = 493
w = 21, h = 23, x = 0, y = 57, v = 483
w = 23, h = 19, x = 77, y = 24, v = 437
w = 15, h = 27, x = 21, y = 57, v = 405
w = 27, h = 12, x = 45, y = 64, v = 324
w = 25, h = 12, x = 45, y = 52, v = 300
w = 12, h = 24, x = 45, y = 20, v = 288
w = 33, h = 8, x = 42, y = 76, v = 264
w = 19, h = 12, x = 81, y = 69, v = 228
w = 9, h = 25, x = 36, y = 49, v = 225
w = 28, h = 8, x = 0, y = 49, v = 224
w = 12, h = 18, x = 57, y = 20, v = 216
```

```
w = 7, h = 30, x = 70, y = 24, v = 210
w = 12, h = 16, x = 21, y = 84, v = 192
w = 7, h = 24, x = 77, y = 43, v = 168
w = 6, h = 26, x = 84, y = 43, v = 156
w = 13, h = 10, x = 57, y = 38, v = 130
w = 21, h = 6, x = 0, y = 80, v = 126
w = 6, h = 18, x = 90, y = 43, v = 108
w =5 , h =21 , x =95 , y =0 , v =105
w = 5, h = 20, x = 90, y = 0, v = 100
w = 31, h = 3, x = 69, y = 21, v = 93
w = 6, h = 10, x = 36, y = 74, v = 60
w = 8, h = 8, x = 28, y = 49, v = 64
w = 20, h = 2, x = 75, y = 81, v = 40
w = 13, h = 3, x = 57, y = 48, v = 39
w = 26, h = 1, x = 69, y = 20, v = 26
w = 13, h = 1, x = 57, y = 51, v = 13
w = 7, h = 1, x = 70, y = 54, v = 7
```