$ClassName: \ Class_04.2bp\text{-}38$

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: **4**

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

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

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{157}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{154}}$ PricingSolverCnt: $\underline{\mathbf{154}}$

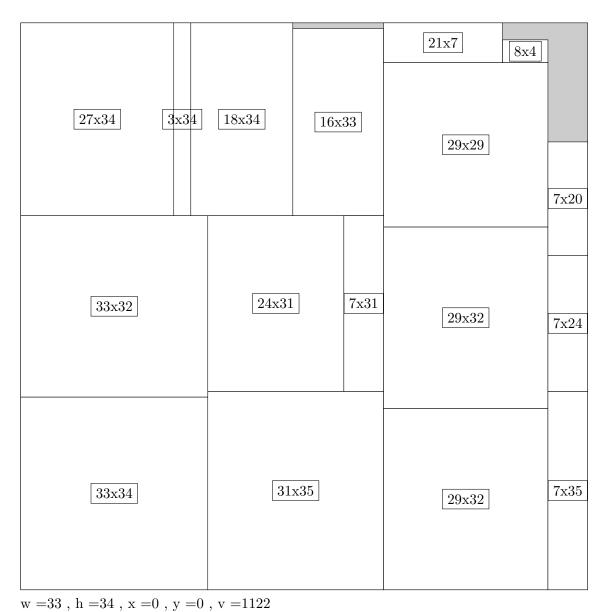
PricingSolverCnt: <u>154</u>
BranchAndBoundNum: <u>1</u>

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

TimeOnInitSolution: $\underline{120.010 \text{ s}}$

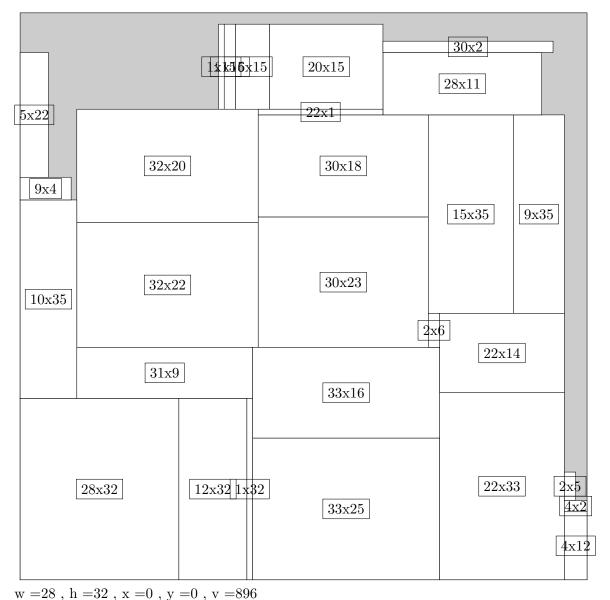
TimeOnPrimal: $\underline{0.000 \text{ s}}$ TimeOnPricing: $\underline{3602.145 \text{ s}}$

TimeOnRmp: $\underline{0.125}$ s TotalTime: $\underline{3722.390}$ s



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\begin{array}{l} w = & 31 \;, \; h = & 35 \;, \; x = & 33 \;, \; y = 0 \;, \; v = & 1085 \\ w = & 33 \;, \; h = & 32 \;, \; x = & 64 \;, \; y = & 0 \;, \; v = & 928 \\ w = & 29 \;, \; h = & 32 \;, \; x = & 64 \;, \; y = & 32 \;, \; v = & 928 \\ w = & 29 \;, \; h = & 34 \;, \; x = & 64 \;, \; y = & 32 \;, \; v = & 928 \\ w = & 27 \;, \; h = & 34 \;, \; x = & 0 \;, \; y = & 66 \;, \; v = & 918 \\ w = & 29 \;, \; h = & 29 \;, \; x = & 64 \;, \; y = & 64 \;, \; v = & 841 \\ w = & 24 \;, \; h = & 31 \;, \; x = & 33 \;, \; y = & 35 \;, \; v = & 744 \\ w = & 18 \;, \; h = & 34 \;, \; x = & 30 \;, \; y = & 66 \;, \; v = & 612 \\ w = & 16 \;, \; h = & 33 \;, \; x = & 48 \;, \; y = & 66 \;, \; v = & 528 \\ w = & 7 \;, \; h = & 35 \;, \; x = & 93 \;, \; y = & 66 \;, \; v = & 217 \\ w = & 7 \;, \; h = & 24 \;, \; x = & 93 \;, \; y = & 35 \;, \; v = & 168 \\ w = & 21 \;, \; h = & 7 \;, \; x = & 64 \;, \; y = & 93 \;, \; v = & 147 \\ w = & 7 \;, \; h = & 20 \;, \; x = & 93 \;, \; y = & 59 \;, \; v = & 140 \\ w = & 3 \;, \; h = & 34 \;, \; x = & 27 \;, \; y = & 66 \;, \; v = & 102 \\ \end{array}
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 $w=\!8$, $h=\!4$, $x=\!85$, $y=\!93$, $v=\!32$



```
w =33, h =25, x =41, y =0, v =825

w =22, h =33, x =74, y =0, v =726

w =32, h =22, x =10, y =41, v =704

w =30, h =23, x =42, y =41, v =690

w =32, h =20, x =10, y =63, v =640

w =30, h =18, x =42, y =64, v =540

w =33, h =16, x =41, y =25, v =528

w =15, h =35, x =72, y =47, v =525

w =12, h =32, x =28, y =0, v =384

w =10, h =35, x =0, y =32, v =350

w =9, h =35, x =87, y =47, v =315

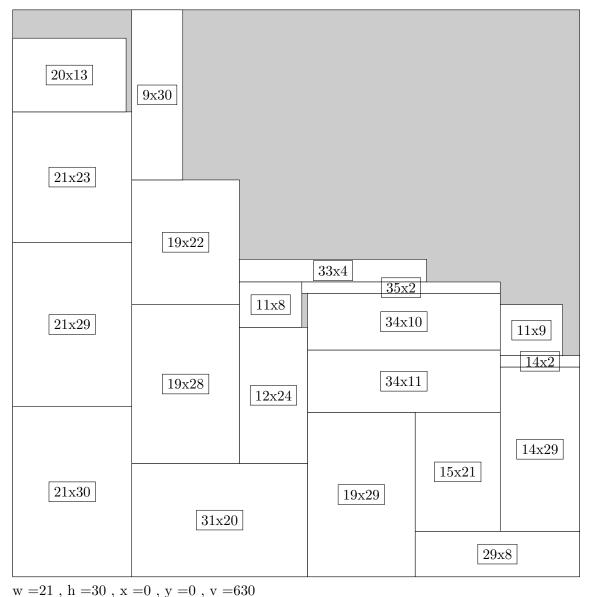
w =28, h =11, x =64, y =82, v =308

w =22, h =14, x =74, y =33, v =308

w =20, h =15, x =44, y =83, v =300

w =31, h =9, x =10, y =32, v =279
```

 $\begin{array}{l} w=9\ ,\, h=4\ ,\, x=0\ ,\, y=67\ ,\, v=36\\ w=5\ ,\, h=22\ ,\, x=0\ ,\, y=71\ ,\, v=110\\ w=6\ ,\, h=15\ ,\, x=38\ ,\, y=83\ ,\, v=90\\ w=30\ ,\, h=2\ ,\, x=64\ ,\, y=93\ ,\, v=60\\ w=4\ ,\, h=12\ ,\, x=96\ ,\, y=0\ ,\, v=48\\ w=1\ ,\, h=32\ ,\, x=40\ ,\, y=0\ ,\, v=32\\ w=2\ ,\, h=15\ ,\, x=36\ ,\, y=83\ ,\, v=30\\ w=22\ ,\, h=1\ ,\, x=42\ ,\, y=82\ ,\, v=22\\ w=1\ ,\, h=15\ ,\, x=35\ ,\, y=83\ ,\, v=15\\ w=2\ ,\, h=6\ ,\, x=72\ ,\, y=41\ ,\, v=12\\ w=2\ ,\, h=5\ ,\, x=96\ ,\, y=14\ ,\, v=10\\ w=4\ ,\, h=2\ ,\, x=96\ ,\, y=12\ ,\, v=8\\ \end{array}$



```
w = 21, h = 30, x = 0, y = 0, v = 630

w = 31, h = 20, x = 21, y = 0, v = 620

w = 21, h = 29, x = 0, y = 30, v = 609

w = 19, h = 28, x = 21, y = 20, v = 532

w = 21, h = 23, x = 0, y = 59, v = 483

w = 19, h = 22, x = 21, y = 48, v = 418

w = 14, h = 29, x = 86, y = 8, v = 406

w = 34, h = 11, x = 52, y = 29, v = 374

w = 34, h = 10, x = 52, y = 40, v = 340

w = 15, h = 21, x = 71, y = 8, v = 315

w = 12, h = 24, x = 40, y = 20, v = 288

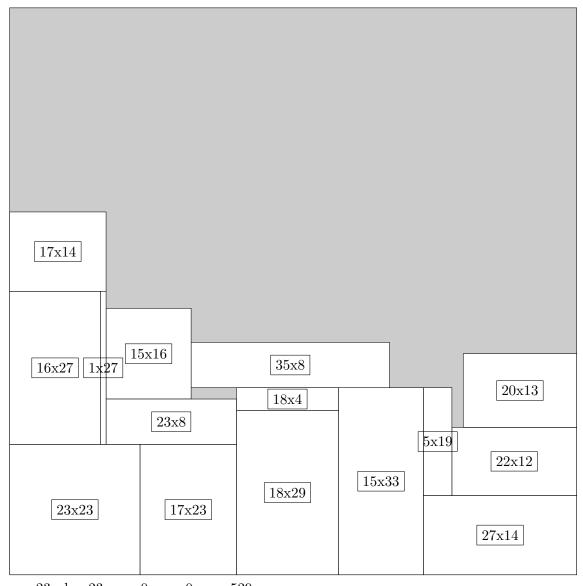
w = 9, h = 30, x = 21, y = 70, v = 270

w = 20, h = 13, x = 0, y = 82, v = 260

w = 29, h = 8, x = 71, y = 0, v = 232

w = 33, h = 4, x = 40, y = 52, v = 132
```

 $\begin{array}{l} w = & 11 \ , \ h = & 9 \ , \ x = & 86 \ , \ y = & 39 \ , \ v = & 99 \\ w = & 11 \ , \ h = & 8 \ , \ x = & 40 \ , \ y = & 44 \ , \ v = & 88 \\ w = & 35 \ , \ h = & 2 \ , \ x = & 51 \ , \ y = & 50 \ , \ v = & 70 \\ w = & 14 \ , \ h = & 2 \ , \ x = & 86 \ , \ y = & 37 \ , \ v = & 28 \end{array}$



```
\begin{array}{l} w=23 \;,\; h=23 \;,\; x=0 \;,\; y=0 \;,\; v=529 \\ w=18 \;,\; h=29 \;,\; x=40 \;,\; y=0 \;,\; v=522 \\ w=15 \;,\; h=33 \;,\; x=58 \;,\; y=0 \;,\; v=495 \\ w=16 \;,\; h=27 \;,\; x=0 \;,\; y=23 \;,\; v=432 \\ w=17 \;,\; h=23 \;,\; x=23 \;,\; y=0 \;,\; v=391 \\ w=27 \;,\; h=14 \;,\; x=73 \;,\; y=0 \;,\; v=378 \\ w=35 \;,\; h=8 \;,\; x=32 \;,\; y=33 \;,\; v=280 \\ w=22 \;,\; h=12 \;,\; x=78 \;,\; y=14 \;,\; v=264 \\ w=20 \;,\; h=13 \;,\; x=80 \;,\; y=26 \;,\; v=260 \\ w=15 \;,\; h=16 \;,\; x=17 \;,\; y=31 \;,\; v=240 \\ w=17 \;,\; h=14 \;,\; x=0 \;,\; y=50 \;,\; v=238 \\ w=5 \;,\; h=19 \;,\; x=73 \;,\; y=14 \;,\; v=95 \\ w=18 \;,\; h=4 \;,\; x=40 \;,\; y=29 \;,\; v=72 \\ w=23 \;,\; h=8 \;,\; x=17 \;,\; y=23 \;,\; v=184 \\ w=1 \;,\; h=27 \;,\; x=16 \;,\; y=23 \;,\; v=27 \\ \end{array}
```