ClassName: $Class_07.2bp-10$

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

TypeNum: <u>38</u> Num: <u>40</u> OutS: <u>100000</u> InS: <u>83538</u> Rate: <u>0.835</u> UB: <u>10</u> LB0: <u>10</u>

LBWithCut: $\underline{\mathbf{10}}$ NodeCut: $\underline{\mathbf{0}}$

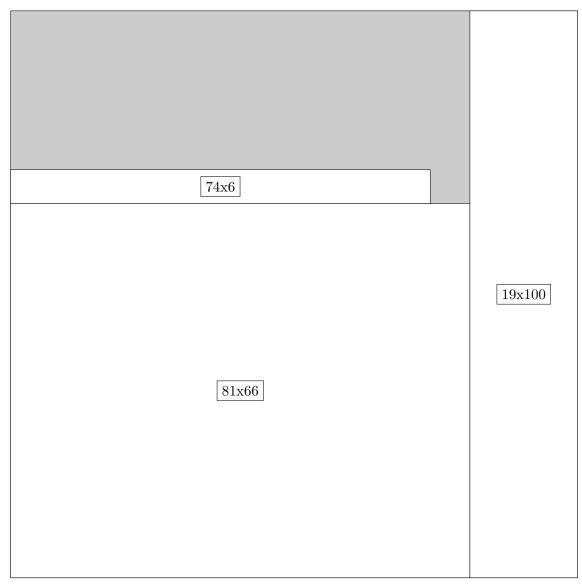
LB: **10**

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

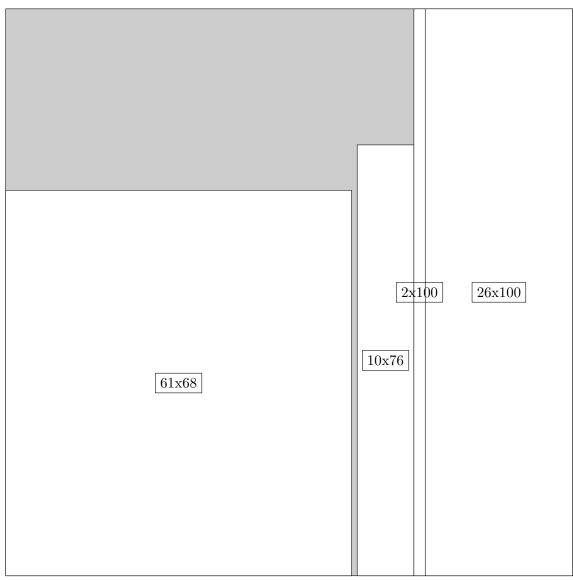
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{10}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

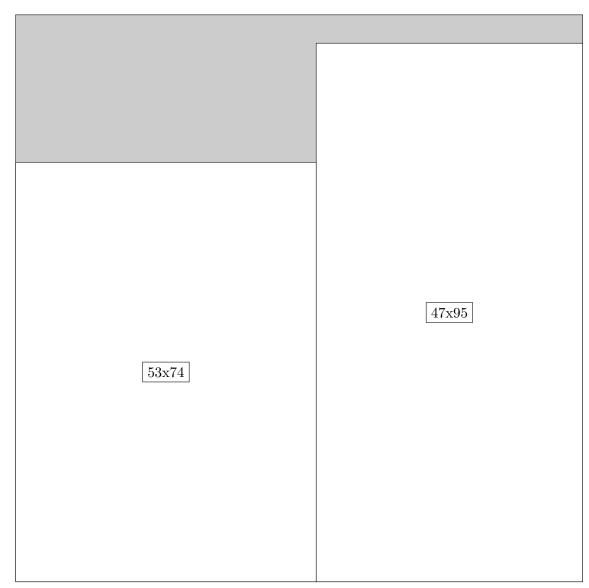
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.010 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.078 \ s} \\ {\rm TotalTime:} \ \underline{0.151 \ s} \end{array}$



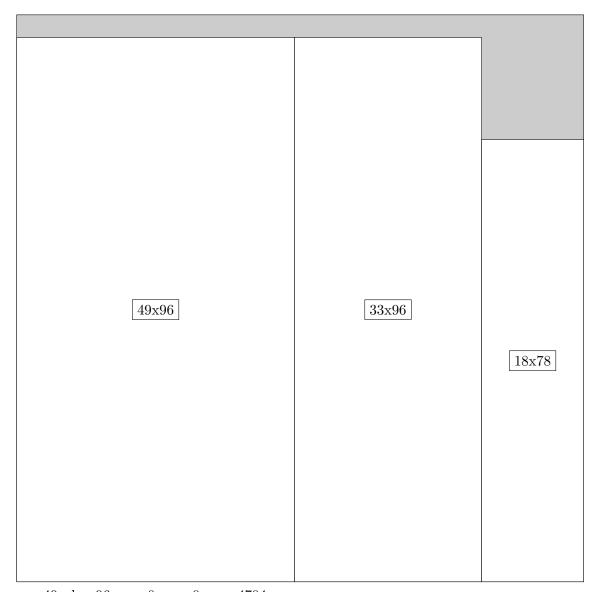
$$\begin{array}{l} w = \! 81 \; , \; h = \! 66 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 5346 \\ w = \! 19 \; , \; h = \! 100 \; , \; x = \! 81 \; , \; y = \! 0 \; , \; v = \! 1900 \\ w = \! 74 \; , \; h = \! 6 \; , \; x = \! 0 \; , \; y = \! 66 \; , \; v = \! 444 \end{array}$$



 $\begin{array}{l} w = \!61 \; , \; h = \!68 \; , \; x = \!0 \; , \; y = \!0 \; , \; v = \!4148 \\ w = \!26 \; , \; h = \!100 \; , \; x = \!74 \; , \; y = \!0 \; , \; v = \!2600 \\ w = \!10 \; , \; h = \!76 \; , \; x = \!62 \; , \; y = \!0 \; , \; v = \!760 \\ w = \!2 \; , \; h = \!100 \; , \; x = \!72 \; , \; y = \!0 \; , \; v = \!200 \end{array}$

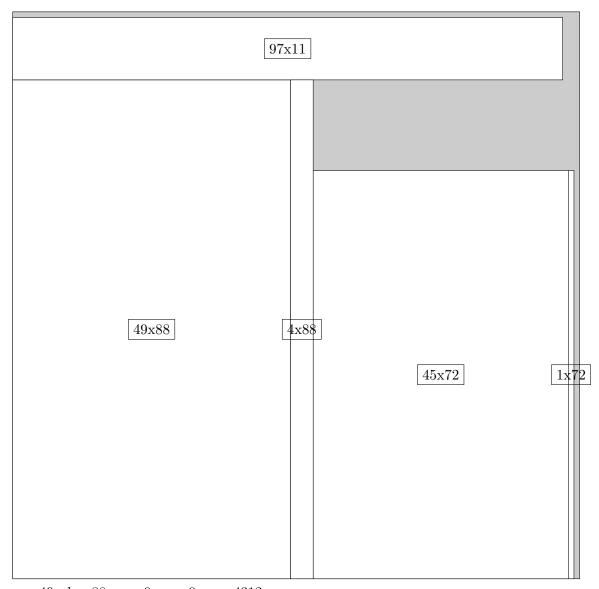


$$\begin{array}{l} w = \!\! 47 \ , \ h = \!\! 95 \ , \ x = \!\! 53 \ , \ y = \!\! 0 \ , \ v = \!\! 4465 \\ w = \!\! 53 \ , \ h = \!\! 74 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3922 \end{array}$$



 $\begin{array}{l} w = \! 49 \ , \ h = \! 96 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4704 \\ w = \! 33 \ , \ h = \! 96 \ , \ x = \! 49 \ , \ y = \! 0 \ , \ v = \! 3168 \end{array}$

w =18, h =78, x =82, y =0, v =1404



$$\begin{array}{l} w = \! 49 \ , \ h = \! 88 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4312 \\ w = \! 45 \ , \ h = \! 72 \ , \ x = \! 53 \ , \ y = \! 0 \ , \ v = \! 3240 \\ w = \! 97 \ , \ h = \! 11 \ , \ x = \! 0 \ , \ y = \! 88 \ , \ v = \! 1067 \\ w = \! 4 \ , \ h = \! 88 \ , \ x = \! 49 \ , \ y = \! 0 \ , \ v = \! 352 \end{array}$$

 \mathbf{w} =1 , h =72 , x =98 , y =0 , v =72

77x19			
50x 74	24x74	13x74	13x84

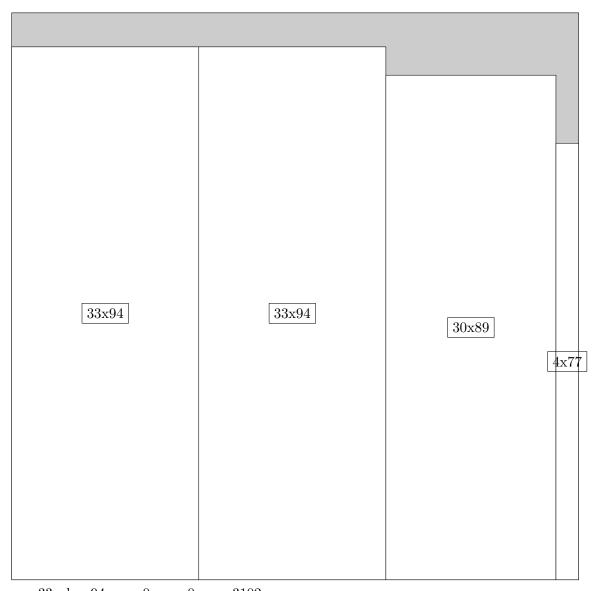
$$\le =50$$
 , h =74 , x =0 , y =0 , v =3700

$$\le =24$$
 , h =74 , x =50 , y =0 , v =1776

$$w$$
 =77 , h =19 , x =0 , y =74 , v =1463

$$\le =13$$
 , h =84 , x =87 , y =0 , v =1092

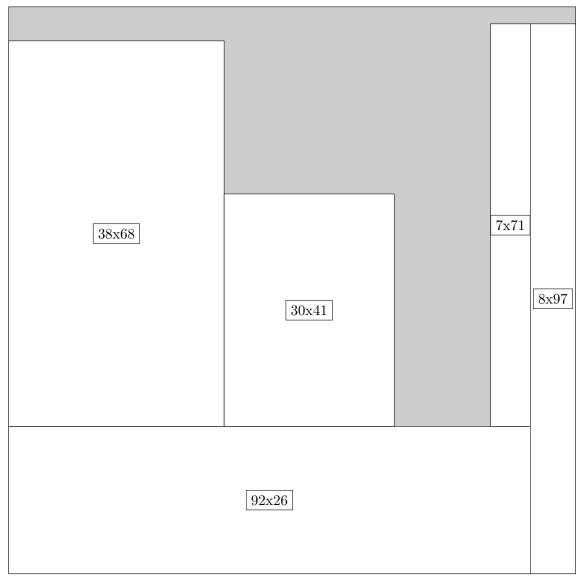
$$\mathbf{w}$$
 =13 , h =74 , x =74 , y =0 , v =962



$$\begin{array}{c} w = \!\! 33 \ , \ h = \!\! 94 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3102 \\ w = \!\! 33 \ , \ h = \!\! 94 \ , \ x = \!\! 33 \ , \ y = \!\! 0 \ , \ v = \!\! 3102 \\ \end{array}$$

$$\le =30$$
 , h =89 , x =66 , y =0 , v =2670

 \mathbf{w} =4 , h =77 , x =96 , y =0 , v =308



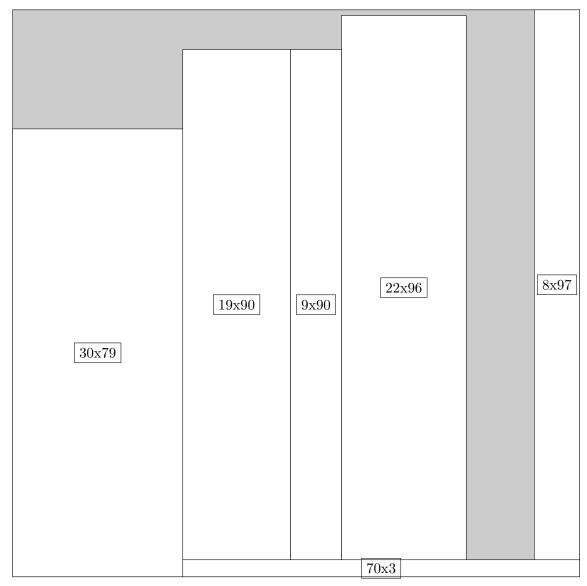
$$w = 92$$
, $h = 26$, $x = 0$, $y = 0$, $v = 2392$

$$\le =38$$
 , h =68 , x =0 , y =26 , v =2584

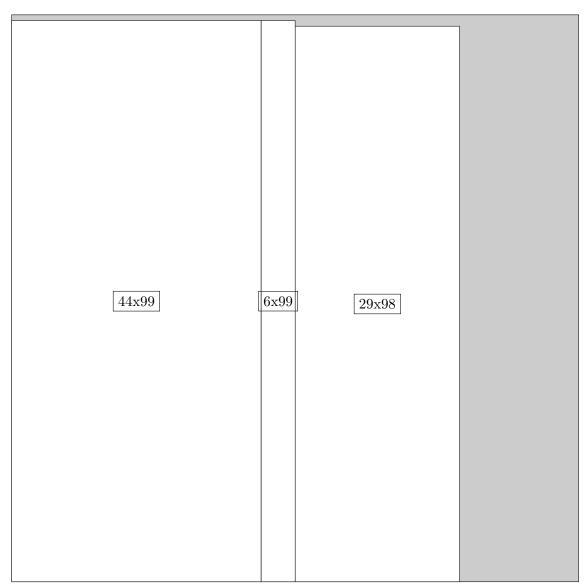
$$\le =30$$
 , h =41 , x =38 , y =26 , v =1230

$$w$$
 =8 , h =97 , x =92 , y =0 , v =776

$$w$$
 =7 , h =71 , x =85 , y =26 , v =497



```
\begin{array}{l} w = & 30 \;,\; h = & 79 \;,\; x = & 0 \;,\; y = & 0 \;,\; v = & 2370 \\ w = & 22 \;,\; h = & 96 \;,\; x = & 58 \;,\; y = & 3 \;,\; v = & 2112 \\ w = & 19 \;,\; h = & 90 \;,\; x = & 30 \;,\; y = & 3 \;,\; v = & 1710 \\ w = & 9 \;,\; h = & 90 \;,\; x = & 49 \;,\; y = & 3 \;,\; v = & 810 \\ w = & 8 \;,\; h = & 97 \;,\; x = & 92 \;,\; y = & 3 \;,\; v = & 776 \\ w = & 70 \;,\; h = & 3 \;,\; x = & 30 \;,\; y = & 0 \;,\; v = & 210 \end{array}
```



 $\begin{array}{l} w = \!\! 44 \ , \ h = \!\! 99 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4356 \\ w = \!\! 29 \ , \ h = \!\! 98 \ , \ x = \!\! 50 \ , \ y = \!\! 0 \ , \ v = \!\! 2842 \\ w = \!\! 6 \ , \ h = \!\! 99 \ , \ x = \!\! 44 \ , \ y = \!\! 0 \ , \ v = \!\! 594 \end{array}$