$ClassName: \ Class\_07.2bp-12$ 

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

TypeNum:  $\underline{40}$ Num:  $\underline{40}$ OutS:  $\underline{100000}$ InS:  $\underline{83209}$ Rate:  $\underline{0.832}$ UB:  $\underline{10}$ LB0:  $\underline{9}$ 

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

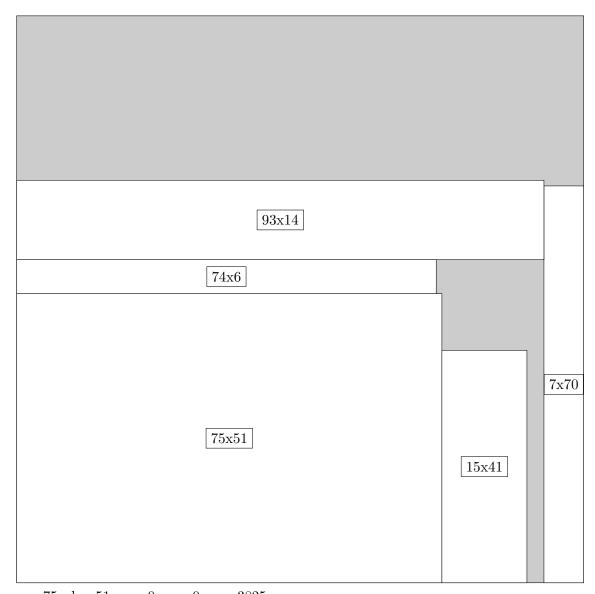
 $\operatorname{ExtendedNodeCnt}$ :  $\underline{\mathbf{1}}$ 

GenNodeCnt: 1
PrimalNode: 0
ColumnCount: 121
TotalCutCount: 0
RootCutCount: 0
LPSolverCnt: 112
PricingSolverCnt: 112
BranchAndBoundNum: 1

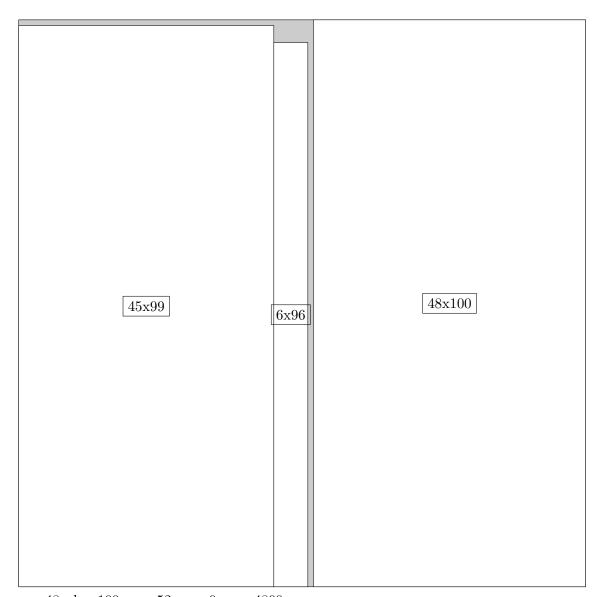
isOpt:  $\underline{\mathbf{true}}$ 

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

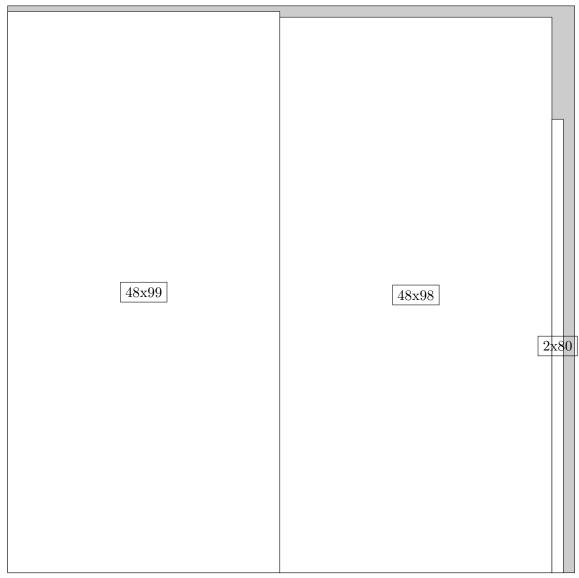
TimeOnPrimal: 0.000 sTimeOnPricing: 18.157 sTimeOnRmp: 0.110 sTotalTime: 138.340 s



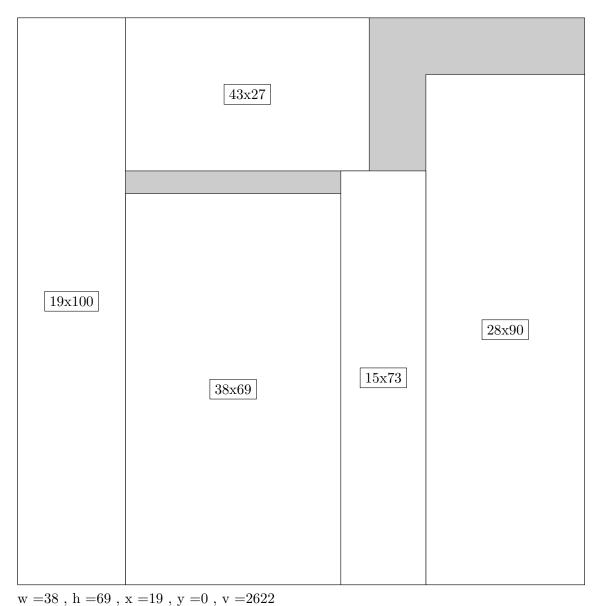
$$\begin{array}{l} w = \!\!\! 75 \ , \ h = \!\!\! 51 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 3825 \\ w = \!\!\! 74 \ , \ h = \!\!\! 6 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 51 \ , \ v = \!\!\! 444 \\ w = \!\!\! 15 \ , \ h = \!\!\! 41 \ , \ x = \!\!\! 75 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 615 \\ w = \!\!\! 7 \ , \ h = \!\!\! 70 \ , \ x = \!\!\! 93 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 490 \\ w = \!\!\! 93 \ , \ h = \!\!\! 14 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 57 \ , \ v = \!\!\! 1302 \end{array}$$



 $\begin{array}{l} w = \! 48 \; , \; h = \! 100 \; , \; x = \! 52 \; , \; y = \! 0 \; , \; v = \! 4800 \\ w = \! 45 \; , \; h = \! 99 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 4455 \\ w = \! 6 \; , \; h = \! 96 \; , \; x = \! 45 \; , \; y = \! 0 \; , \; v = \! 576 \end{array}$ 

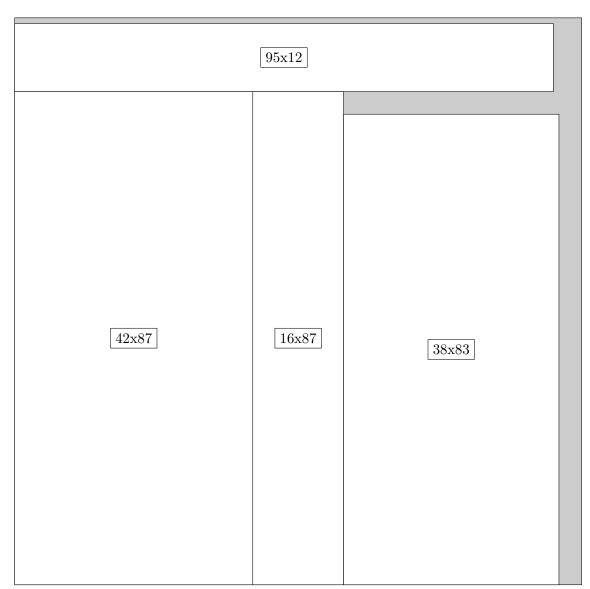


$$\begin{array}{l} w = \!\! 48 \ , \ h = \!\! 99 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4752 \\ w = \!\! 48 \ , \ h = \!\! 98 \ , \ x = \!\! 48 \ , \ y = \!\! 0 \ , \ v = \!\! 4704 \\ w = \!\! 2 \ , \ h = \!\! 80 \ , \ x = \!\! 96 \ , \ y = \!\! 0 \ , \ v = \!\! 160 \end{array}$$



w = 58, h = 69, x = 19, y = 0, v = 2622 w = 28, h = 90, x = 72, y = 0, v = 2520 w = 19, h = 100, x = 0, y = 0, v = 1900 w = 43, h = 27, x = 19, y = 73, v = 1161

w = 15, h = 73, x = 57, y = 0, v = 1095

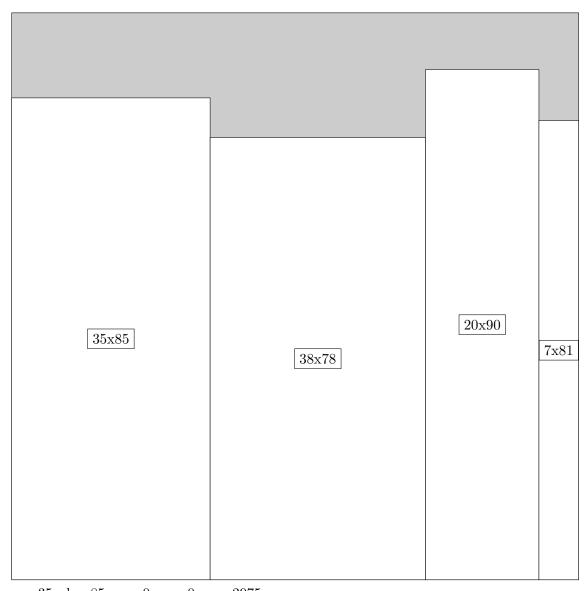


$$\le =42$$
 , h =87 , x =0 , y =0 , v =3654

$$\le =38$$
 , h =83 , x =58 , y =0 , v =3154

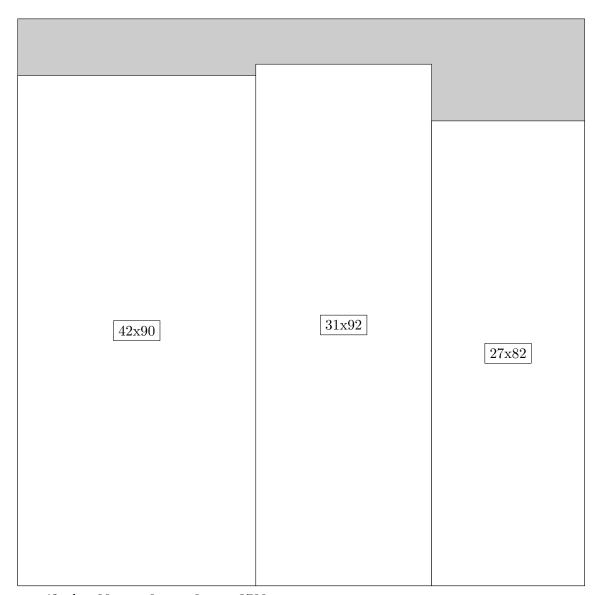
$$\le =16$$
 , h =87 , x =42 , y =0 , v =1392

$$\le =95$$
 ,  $h$  =12 ,  $x$  =0 ,  $y$  =87 ,  $v$  =1140



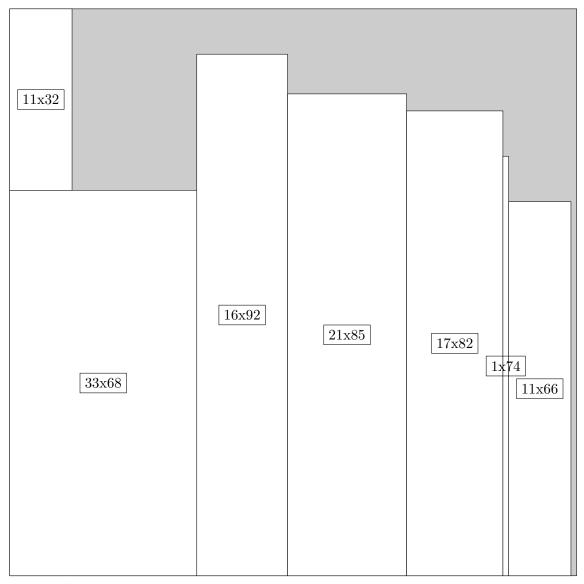
 $\begin{array}{l} w = \! 35 \ , \ h = \! 85 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2975 \\ w = \! 38 \ , \ h = \! 78 \ , \ x = \! 35 \ , \ y = \! 0 \ , \ v = \! 2964 \\ w = \! 20 \ , \ h = \! 90 \ , \ x = \! 73 \ , \ y = \! 0 \ , \ v = \! 1800 \end{array}$ 

w = 7, h = 81, x = 93, y = 0, v = 567

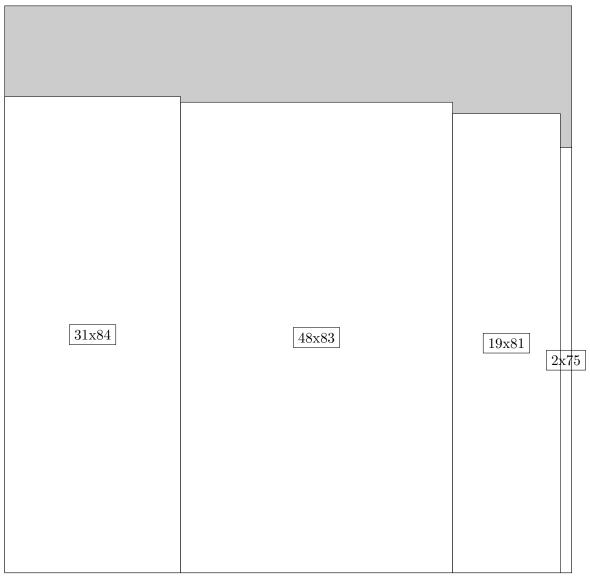


 $\begin{array}{l} w = \!\! 42 \ , \ h = \!\! 90 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3780 \\ w = \!\! 31 \ , \ h = \!\! 92 \ , \ x = \!\! 42 \ , \ y = \!\! 0 \ , \ v = \!\! 2852 \end{array}$ 

 $\le =27$  , h =82 , x =73 , y =0 , v =2214



$$\begin{array}{l} w = & 33 \ , \ h = & 68 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 2244 \\ w = & 21 \ , \ h = & 85 \ , \ x = & 49 \ , \ y = & 0 \ , \ v = & 1785 \\ w = & 16 \ , \ h = & 92 \ , \ x = & 33 \ , \ y = & 0 \ , \ v = & 1472 \\ w = & 17 \ , \ h = & 82 \ , \ x = & 70 \ , \ y = & 0 \ , \ v = & 1394 \\ w = & 11 \ , \ h = & 66 \ , \ x = & 88 \ , \ y = & 0 \ , \ v = & 726 \\ w = & 11 \ , \ h = & 32 \ , \ x = & 0 \ , \ y = & 68 \ , \ v = & 352 \\ w = & 1 \ , \ h = & 74 \ , \ x = & 87 \ , \ y = & 0 \ , \ v = & 74 \end{array}$$



 $\begin{array}{l} w = \!\! 48 \ , \ h = \!\! 83 \ , \ x = \!\! 31 \ , \ y = \!\! 0 \ , \ v = \!\! 3984 \\ w = \!\! 31 \ , \ h = \!\! 84 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 2604 \\ w = \!\! 19 \ , \ h = \!\! 81 \ , \ x = \!\! 79 \ , \ y = \!\! 0 \ , \ v = \!\! 1539 \\ w = \!\! 2 \ , \ h = \!\! 75 \ , \ x = \!\! 98 \ , \ y = \!\! 0 \ , \ v = \!\! 150 \end{array}$ 

