$ClassName: \ Class_07.2bp-24$

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>150000</u> InS: <u>121178</u> Rate: <u>0.808</u> UB: <u>15</u> LB0: <u>15</u> LB: <u>15</u>

LBWithCut: $\underline{\bf 15}$ NodeCut: $\underline{\bf 0}$

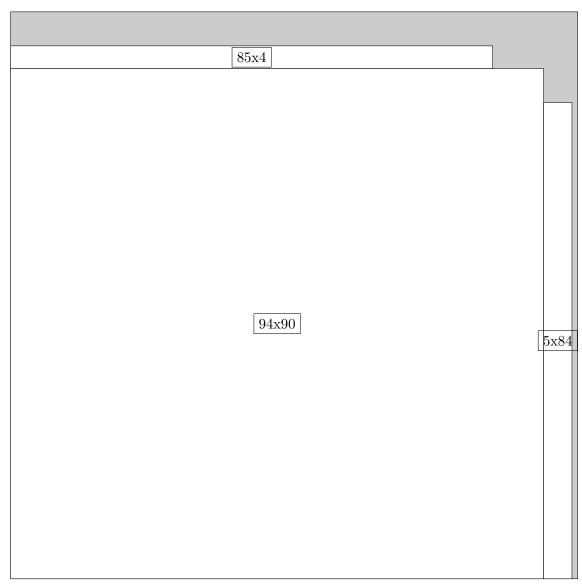
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{15}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

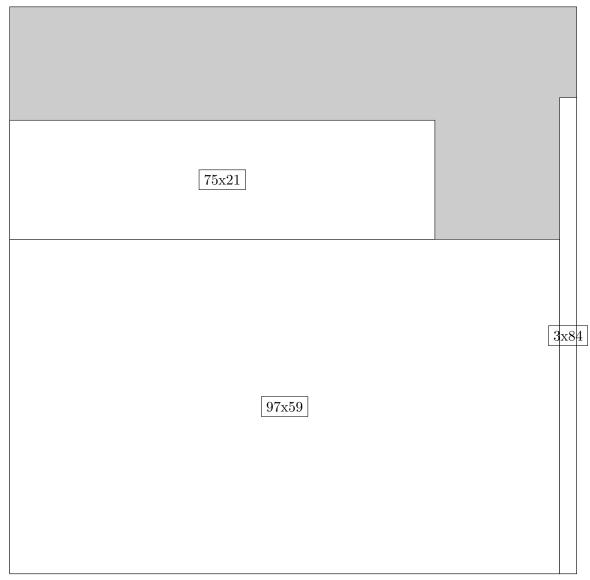
isOpt: $\underline{\mathbf{true}}$

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

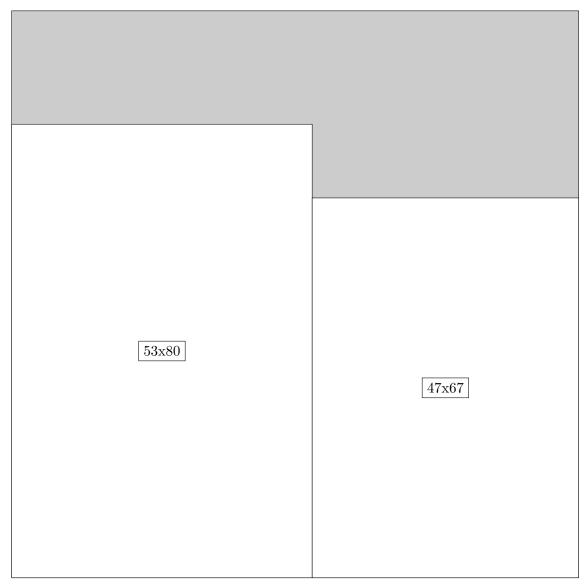
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 120.135 s



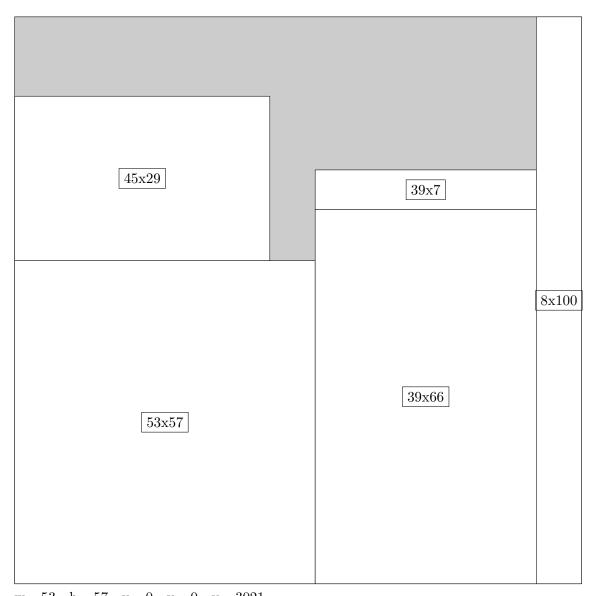
$$\begin{array}{l} w = \! 94 \; , \; h = \! 90 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 8460 \\ w = \! 5 \; , \; h = \! 84 \; , \; x = \! 94 \; , \; y = \! 0 \; , \; v = \! 420 \\ w = \! 85 \; , \; h = \! 4 \; , \; x = \! 0 \; , \; y = \! 90 \; , \; v = \! 340 \end{array}$$



$$\begin{array}{l} w = \! 97 \ , \ h = \! 59 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5723 \\ w = \! 75 \ , \ h = \! 21 \ , \ x = \! 0 \ , \ y = \! 59 \ , \ v = \! 1575 \\ w = \! 3 \ , \ h = \! 84 \ , \ x = \! 97 \ , \ y = \! 0 \ , \ v = \! 252 \end{array}$$

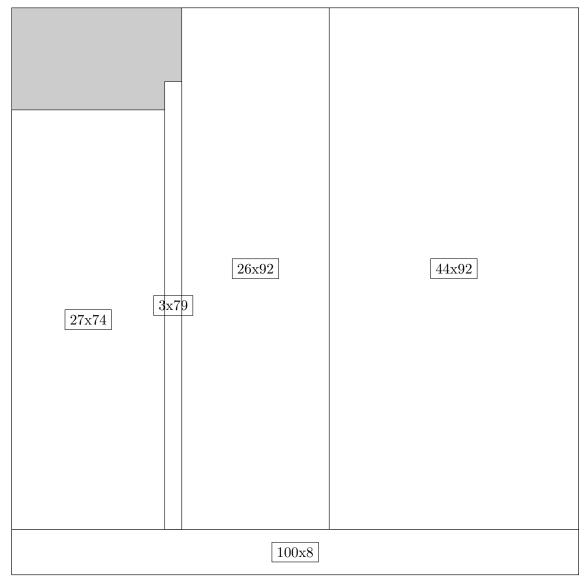


$$\begin{array}{c} w = \!\! 53 \; , \; h = \!\! 80 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 4240 \\ w = \!\! 47 \; , \; h = \!\! 67 \; , \; x = \!\! 53 \; , \; y = \!\! 0 \; , \; v = \!\! 3149 \\ \end{array}$$



$$\begin{array}{l} w = \!53 \ , \ h = \!57 \ , \ x = \!0 \ , \ y = \!0 \ , \ v = \!3021 \\ w = \!39 \ , \ h = \!66 \ , \ x = \!53 \ , \ y = \!0 \ , \ v = \!2574 \\ w = \!45 \ , \ h = \!29 \ , \ x = \!0 \ , \ y = \!57 \ , \ v = \!1305 \\ w = \!8 \ , \ h = \!100 \ , \ x = \!92 \ , \ y = \!0 \ , \ v = \!800 \end{array}$$

w = 39, h = 7, x = 53, y = 66, v = 273



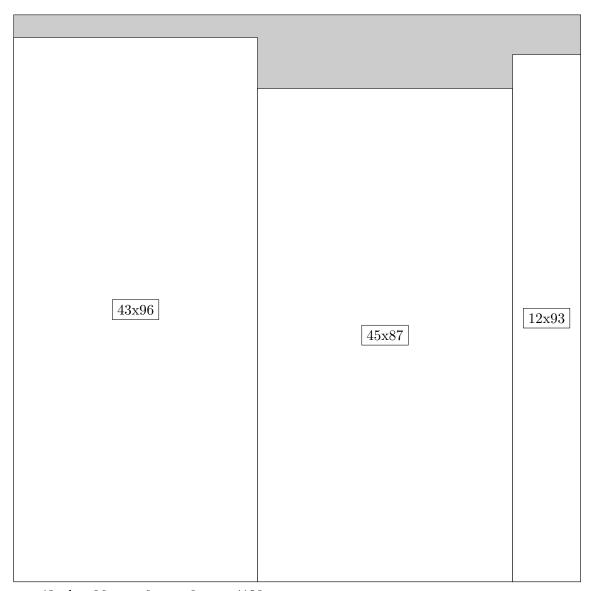
$$w = 44$$
, $h = 92$, $x = 56$, $y = 8$, $v = 4048$

$$\le =26$$
 , h =92 , x =30 , y =8 , v =2392

$$\le =27$$
 , h =74 , x =0 , y =8 , v =1998

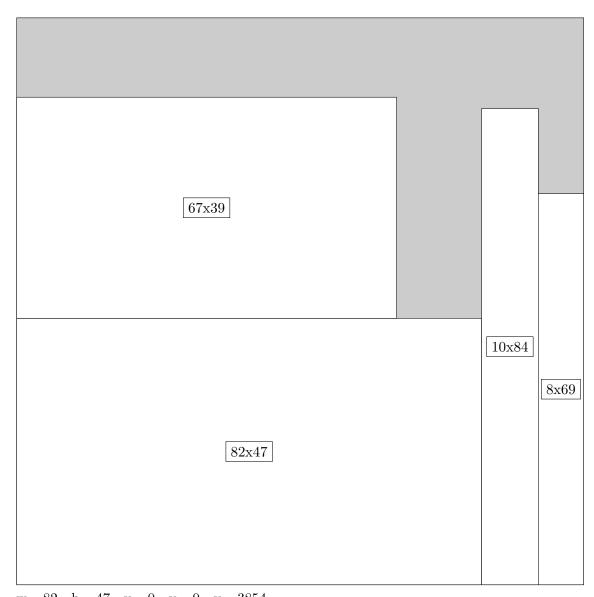
$$\le =100$$
 , h =8 , x =0 , y =0 , v =
800

$$w = 3$$
, $h = 79$, $x = 27$, $y = 8$, $v = 237$



$$\begin{array}{l} w = \! 43 \ , \ h = \! 96 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4128 \\ w = \! 45 \ , \ h = \! 87 \ , \ x = \! 43 \ , \ y = \! 0 \ , \ v = \! 3915 \end{array}$$

 $\le =12$, h =93 , x =88 , y =0 , v =1116



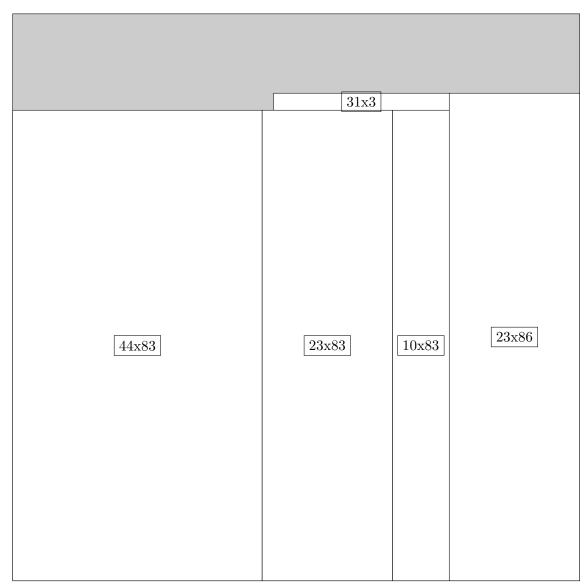
$$\begin{array}{l} w = \! 82 \ , \ h = \! 47 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3854 \\ w = \! 67 \ , \ h = \! 39 \ , \ x = \! 0 \ , \ y = \! 47 \ , \ v = \! 2613 \\ w = \! 10 \ , \ h = \! 84 \ , \ x = \! 82 \ , \ y = \! 0 \ , \ v = \! 840 \end{array}$$

 $\le =8$, h =69 , x =92 , y =0 , v =552

$\boxed{44\text{x}85}$	24x85	32x86

$$\begin{array}{l} w = \! 44 \ , \ h = \! 85 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3740 \\ w = \! 32 \ , \ h = \! 86 \ , \ x = \! 68 \ , \ y = \! 0 \ , \ v = \! 2752 \end{array}$$

$$\le =24$$
 , h =85 , x =44 , y =0 , v =2040



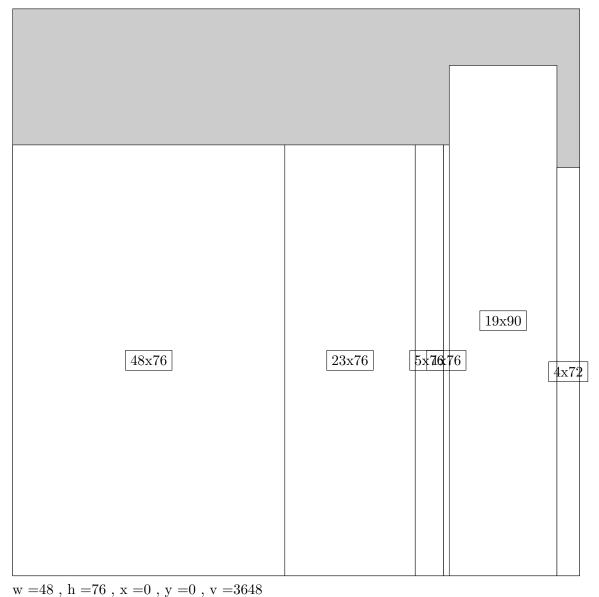
w = 44, h = 83, x = 0, y = 0, v = 3652

 $\le =23$, h =86 , x =77 , y =0 , v =1978

 $\le =23$, h =83 , x =44 , y =0 , v =1909

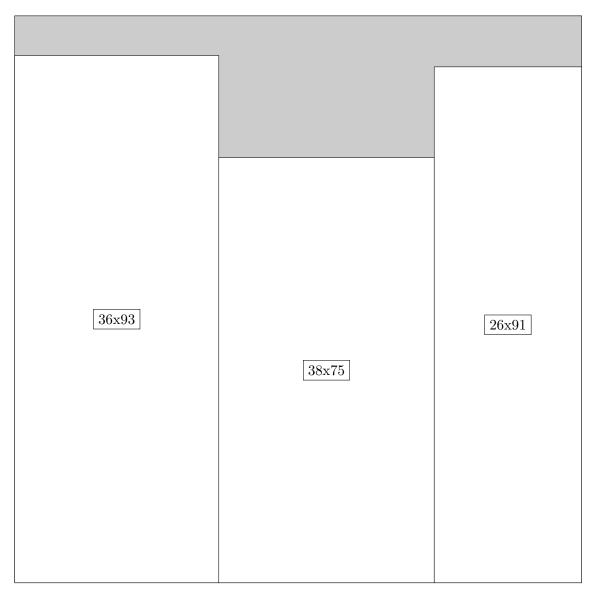
 $\le =10$, h=83 , x=67 , y=0 , v=830

 $\le =31$, h=3 , x=46 , y=83 , v=93



w =48, h =76, x =0, y =0, v =3648 w =23, h =76, x =48, y =0, v =1748 w =19, h =90, x =77, y =0, v =1710 w =5, h =76, x =71, y =0, v =380 w =4, h =72, x =96, y =0, v =288

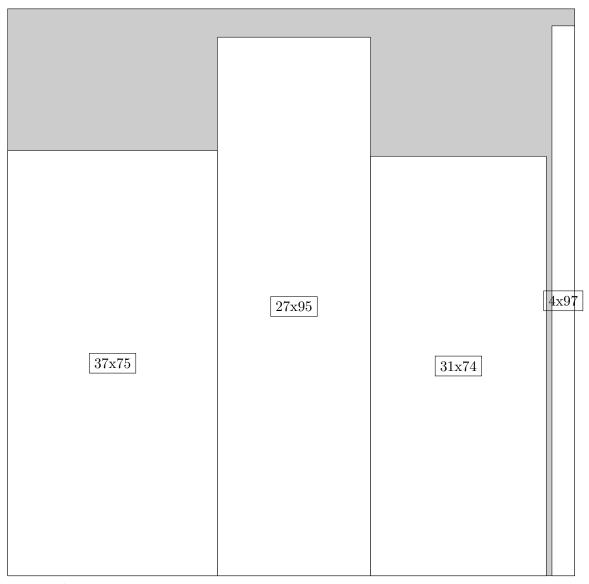
 \mathbf{w} =1 , h =76 , x =76 , y =0 , v =76



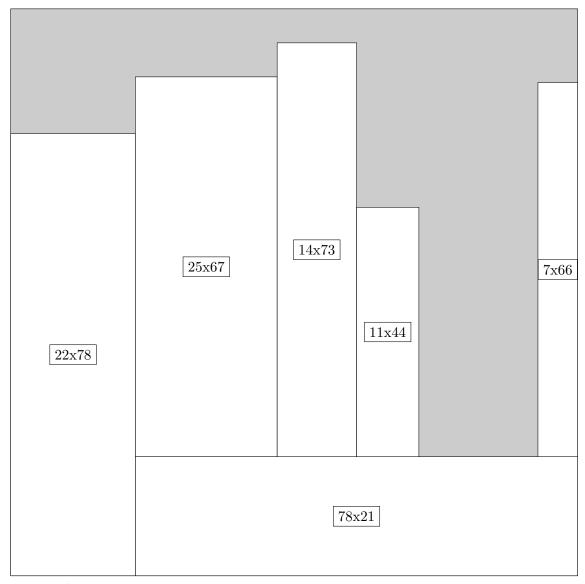
$$w = 36$$
, $h = 93$, $x = 0$, $y = 0$, $v = 3348$

$$\le =38$$
 , h =75 , x =36 , y =0 , v =2850

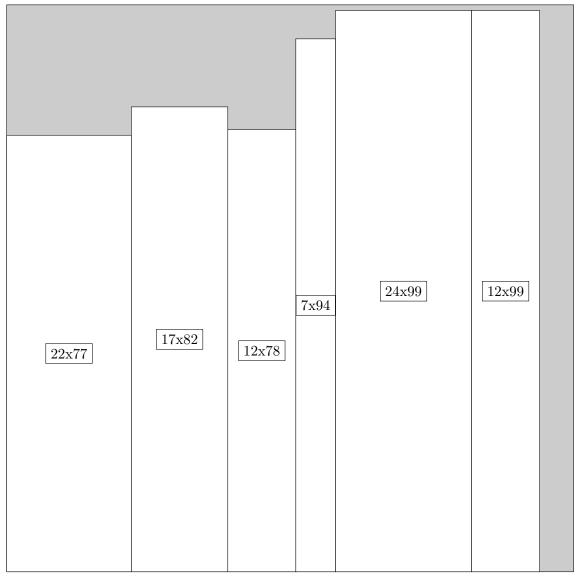
$$\le =26$$
 , h =91 , x =74 , y =0 , v =2366



 $\begin{array}{l} w = \!\! 37 \;,\; h = \!\! 75 \;,\; x = \!\! 0 \;,\; y = \!\! 0 \;,\; v = \!\! 2775 \\ w = \!\! 27 \;,\; h = \!\! 95 \;,\; x = \!\! 37 \;,\; y = \!\! 0 \;,\; v = \!\! 2565 \\ w = \!\! 31 \;,\; h = \!\! 74 \;,\; x = \!\! 64 \;,\; y = \!\! 0 \;,\; v = \!\! 2294 \\ w = \!\! 4 \;,\; h = \!\! 97 \;,\; x = \!\! 96 \;,\; y = \!\! 0 \;,\; v = \!\! 388 \end{array}$



$$\begin{array}{l} w=22\;,\; h=78\;,\; x=0\;,\; y=0\;,\; v=1716\\ w=25\;,\; h=67\;,\; x=22\;,\; y=21\;,\; v=1675\\ w=78\;,\; h=21\;,\; x=22\;,\; y=0\;,\; v=1638\\ w=14\;,\; h=73\;,\; x=47\;,\; y=21\;,\; v=1022\\ w=11\;,\; h=44\;,\; x=61\;,\; y=21\;,\; v=484\\ w=7\;,\; h=66\;,\; x=93\;,\; y=21\;,\; v=462 \end{array}$$



 $\begin{array}{l} w=24 \;,\; h=99 \;,\; x=58 \;,\; y=0 \;,\; v=2376 \\ w=22 \;,\; h=77 \;,\; x=0 \;,\; y=0 \;,\; v=1694 \\ w=17 \;,\; h=82 \;,\; x=22 \;,\; y=0 \;,\; v=1394 \\ w=12 \;,\; h=99 \;,\; x=82 \;,\; y=0 \;,\; v=1188 \\ w=12 \;,\; h=78 \;,\; x=39 \;,\; y=0 \;,\; v=936 \\ w=7 \;,\; h=94 \;,\; x=51 \;,\; y=0 \;,\; v=658 \end{array}$

