${\bf ClassName:}\ {\bf Class\_10.2bp\text{-}12}$ 

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

TypeNum:  $\underline{40}$ Num:  $\underline{40}$ OutS:  $\underline{90000}$ InS:  $\underline{79645}$ Rate:  $\underline{0.885}$ 

UB: <u>9</u> LB0: <u>9</u> LB: **9** 

LBWithCut:  $\underline{\mathbf{9}}$  NodeCut:  $\underline{\mathbf{0}}$ 

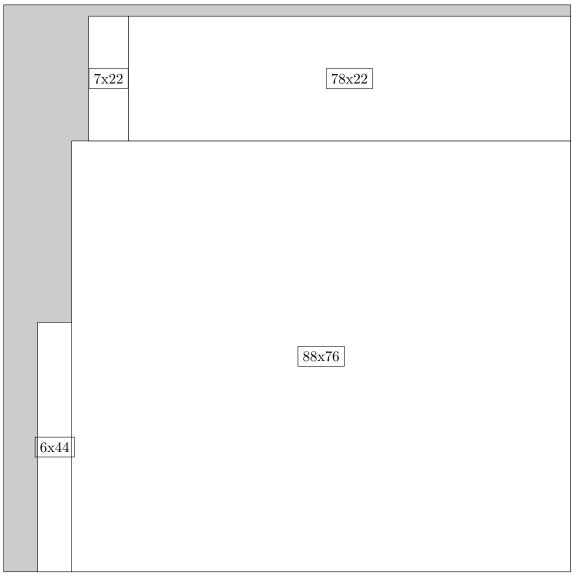
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{9}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

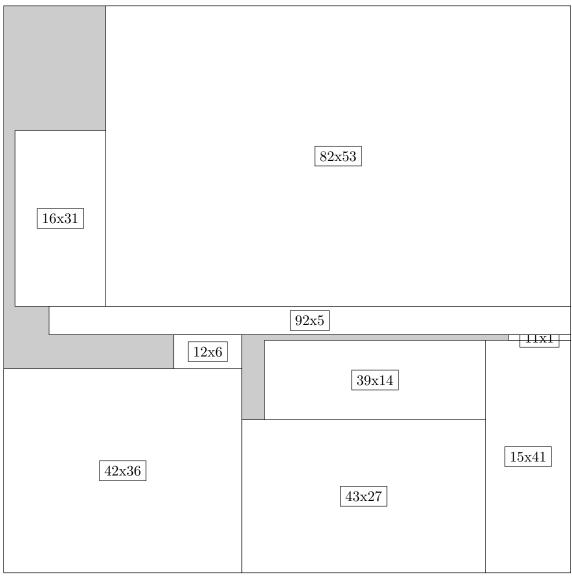
isOpt: **true** 

TimeOnInitSolution:  $\underline{600.000 \text{ s}}$ 

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.359 s



$$\begin{array}{l} w = \! 88 \;, \; h = \! 76 \;, \; x = \! 12 \;, \; y = \! 0 \;, \; v = \! 6688 \\ w = \! 78 \;, \; h = \! 22 \;, \; x = \! 22 \;, \; y = \! 76 \;, \; v = \! 1716 \\ w = \! 7 \;, \; h = \! 22 \;, \; x = \! 15 \;, \; y = \! 76 \;, \; v = \! 154 \\ w = \! 6 \;, \; h = \! 44 \;, \; x = \! 6 \;, \; y = \! 0 \;, \; v = \! 264 \end{array}$$



$$w=\!15$$
 ,  $h=\!41$  ,  $x=\!85$  ,  $y=\!0$  ,  $v=\!615$ 

$$w = 11$$
,  $h = 1$ ,  $x = 89$ ,  $y = 41$ ,  $v = 11$ 

$$w=\!43$$
 ,  $h=\!27$  ,  $x=\!42$  ,  $y=\!0$  ,  $v=\!1161$ 

$$w = 39$$
,  $h = 14$ ,  $x = 46$ ,  $y = 27$ ,  $v = 546$ 

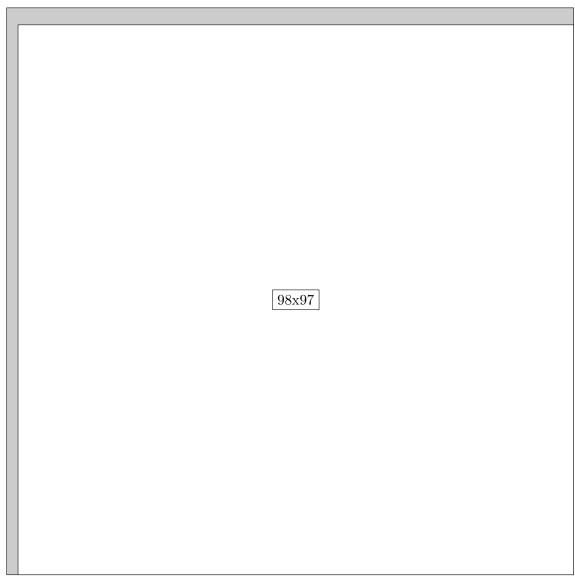
$$\le =42$$
 ,  $h=36$  ,  $x=0$  ,  $y=0$  ,  $v=1512$ 

$$w$$
 =12 , h =6 , x =30 , y =36 , v =72

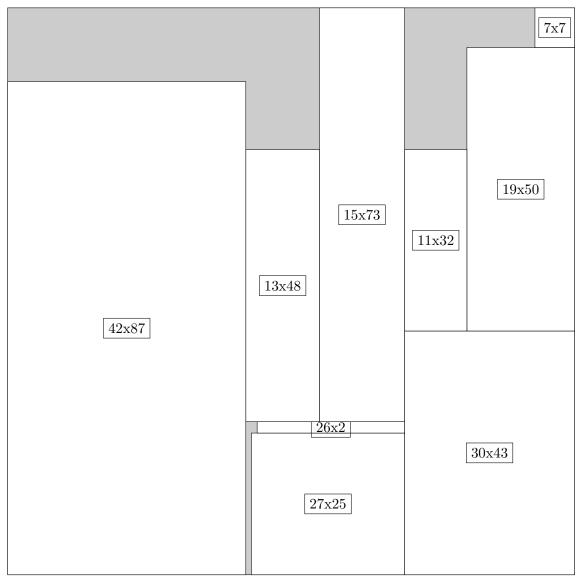
$$w = 92$$
,  $h = 5$ ,  $x = 8$ ,  $y = 42$ ,  $v = 460$ 

$$w$$
 =82 , h =53 , x =18 , y =47 , v =4346

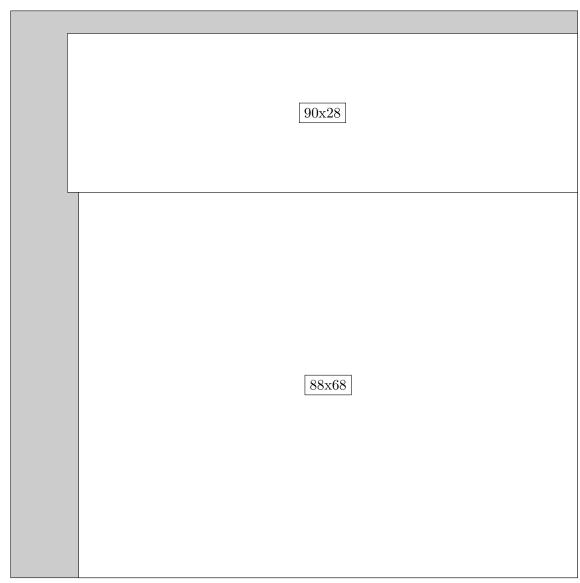
$$w = 16$$
,  $h = 31$ ,  $x = 2$ ,  $y = 47$ ,  $v = 496$ 



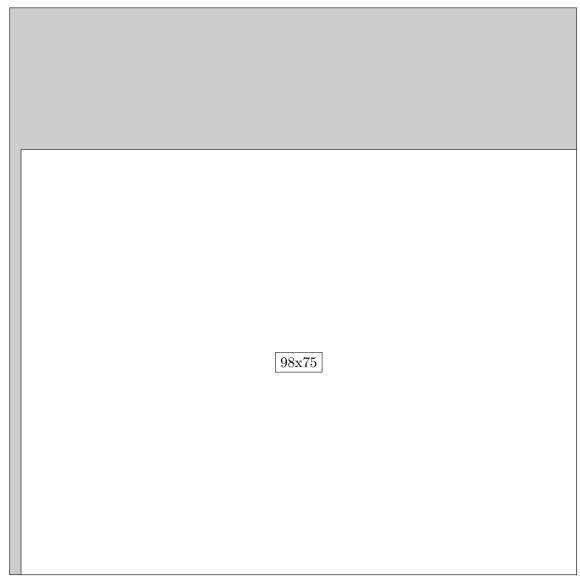
 $\le =98$  , h =97 , x =2 , y =0 , v =9506



$$\begin{array}{l} w = & 30 \;,\; h = & 43 \;,\; x = & 70 \;,\; y = & 0 \;,\; v = & 1290 \\ w = & 19 \;,\; h = & 50 \;,\; x = & 81 \;,\; y = & 43 \;,\; v = & 950 \\ w = & 7 \;,\; h = & 7 \;,\; x = & 93 \;,\; y = & 93 \;,\; v = & 49 \\ w = & 11 \;,\; h = & 32 \;,\; x = & 70 \;,\; y = & 43 \;,\; v = & 352 \\ w = & 27 \;,\; h = & 25 \;,\; x = & 43 \;,\; y = & 0 \;,\; v = & 675 \\ w = & 26 \;,\; h = & 2 \;,\; x = & 44 \;,\; y = & 25 \;,\; v = & 52 \\ w = & 15 \;,\; h = & 73 \;,\; x = & 55 \;,\; y = & 27 \;,\; v = & 1095 \\ w = & 13 \;,\; h = & 48 \;,\; x = & 42 \;,\; y = & 27 \;,\; v = & 624 \\ w = & 42 \;,\; h = & 87 \;,\; x = & 0 \;,\; y = & 0 \;,\; v = & 3654 \\ \end{array}$$



$$\begin{array}{l} w = \! 88 \ , \, h = \! 68 \ , \, x = \! 12 \ , \, y = \! 0 \ , \, v = \! 5984 \\ w = \! 90 \ , \, h = \! 28 \ , \, x = \! 10 \ , \, y = \! 68 \ , \, v = \! 2520 \end{array}$$



 $\le =98$  , h =75 , x =2 , y =0 , v =7350



$$w = 99$$
,  $h = 49$ ,  $x = 1$ ,  $y = 0$ ,  $v = 4851$ 

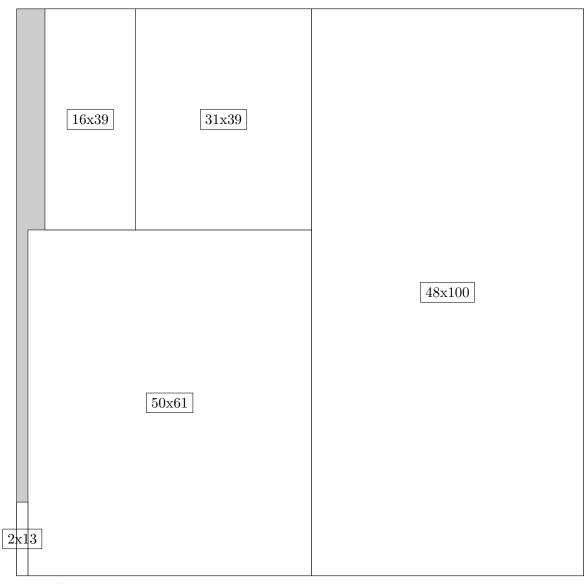
$$\le =45$$
 , h =49 , x =55 , y =49 , v =2205

$$\le =31$$
 , h =27 , x =24 , y =49 , v =837

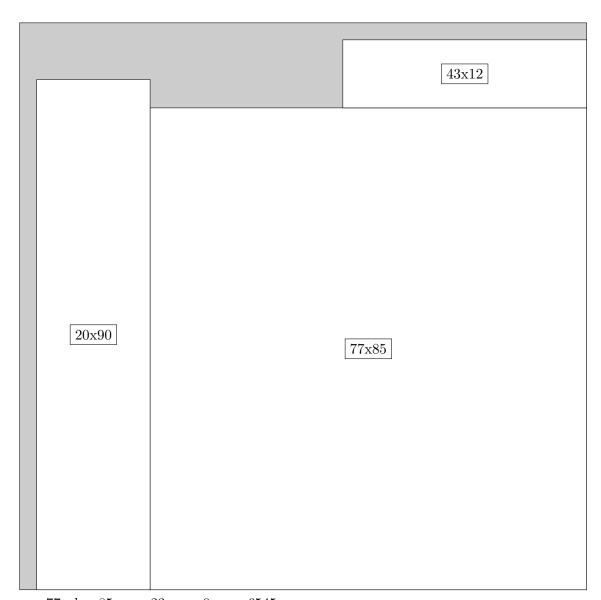
$$w$$
 =17 , h =24 , x =38 , y =76 , v =408

$$\le =21$$
 , h =28 , x =3 , y =49 , v =588

$$\mathbf{w}$$
 =2 , h =22 , x =1 , y =49 , v =44



$$\begin{array}{l} w = \! 48 \; , \; h = \! 100 \; , \; x = \! 52 \; , \; y = \! 0 \; , \; v = \! 4800 \\ w = \! 50 \; , \; h = \! 61 \; , \; x = \! 2 \; , \; y = \! 0 \; , \; v = \! 3050 \\ w = \! 2 \; , \; h = \! 13 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 26 \\ w = \! 31 \; , \; h = \! 39 \; , \; x = \! 21 \; , \; y = \! 61 \; , \; v = \! 1209 \\ w = \! 16 \; , \; h = \! 39 \; , \; x = \! 5 \; , \; y = \! 61 \; , \; v = \! 624 \end{array}$$



$$w$$
 =77 ,  $h$  =85 ,  $x$  =23 ,  $y$  =0 ,  $v$  =6545  $w$  =43 ,  $h$  =12 ,  $x$  =57 ,  $y$  =85 ,  $v$  =516

$$w = 20$$
 ,  $h = 90$  ,  $x = 3$  ,  $y = 0$  ,  $v = 1800$