$ClassName: Class\_08.2bp-10$ 

BinSize:  $100 \times 100$ ReduceSize:  $100 \times 100$ 

TypeNum: 39 Num: **40** OutS: **120000** InS: 95261Rate: 0.794UB: **12** 

LB0: **11** LB: **12** 

LBWithCut: 12 NodeCut: 0

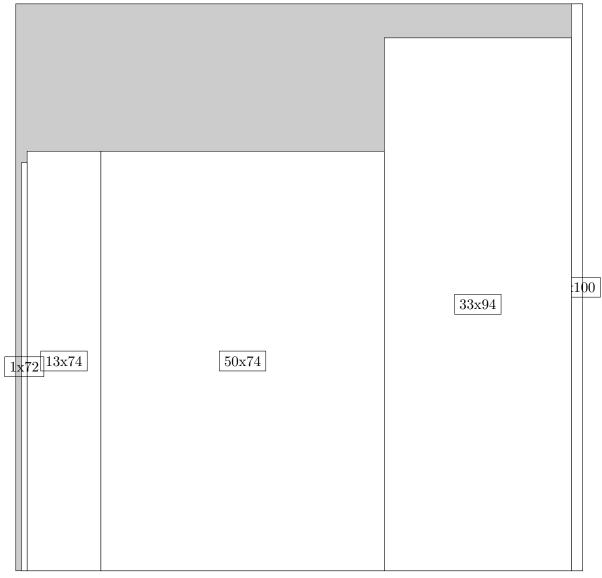
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\mathbf{1}$ PrimalNode:  $\mathbf{0}$ ColumnCount: 111  $TotalCutCount: \ \mathbf{0}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{100}$ PricingSolverCnt: 100 BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

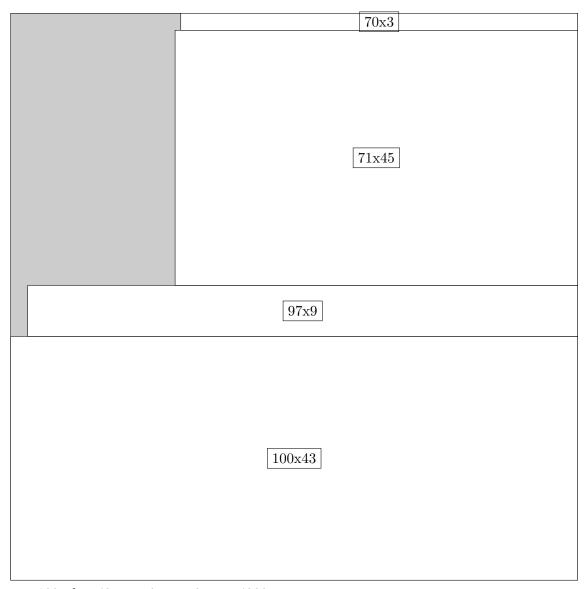
isOpt:  $\underline{\mathbf{true}}$ 

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

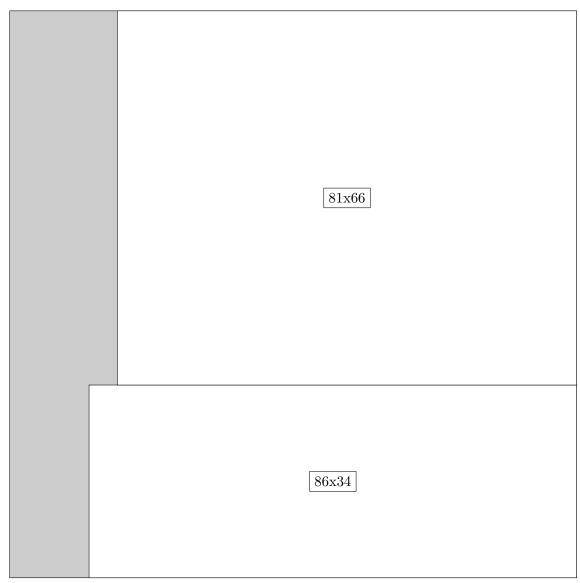
TimeOnPrimal: 0.000 sTimeOnPricing: **731.781** s TimeOnRmp: 0.115 sTotalTime: 1332.197 s



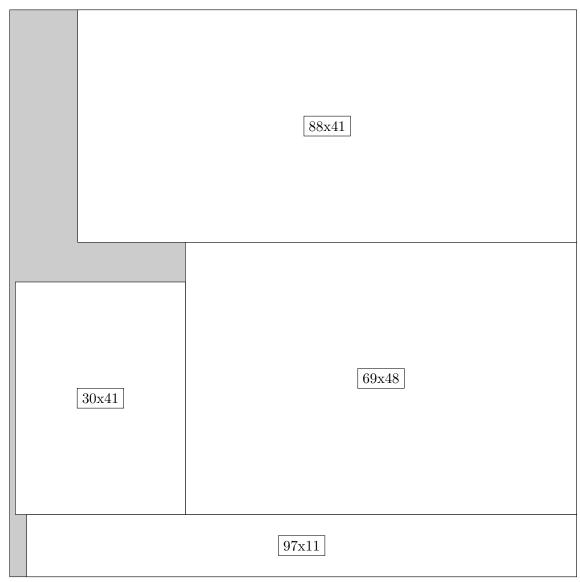
$$\begin{array}{l} w=2\ ,\ h=100\ ,\ x=98\ ,\ y=0\ ,\ v=200\\ w=33\ ,\ h=94\ ,\ x=65\ ,\ y=0\ ,\ v=3102\\ w=50\ ,\ h=74\ ,\ x=15\ ,\ y=0\ ,\ v=3700\\ w=13\ ,\ h=74\ ,\ x=2\ ,\ y=0\ ,\ v=962\\ w=1\ ,\ h=72\ ,\ x=1\ ,\ y=0\ ,\ v=72 \end{array}$$



$$\begin{array}{l} w = & 100 \ , \ h = & 43 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 4300 \\ w = & 97 \ , \ h = & 9 \ , \ x = & 3 \ , \ y = & 43 \ , \ v = & 873 \\ w = & 71 \ , \ h = & 45 \ , \ x = & 29 \ , \ y = & 52 \ , \ v = & 3195 \\ w = & 70 \ , \ h = & 3 \ , \ x = & 30 \ , \ y = & 97 \ , \ v = & 210 \end{array}$$



$$\begin{array}{c} w = \! 86 \; , \; h = \! 34 \; , \; x = \! 14 \; , \; y = \! 0 \; , \; v = \! 2924 \\ w = \! 81 \; , \; h = \! 66 \; , \; x = \! 19 \; , \; y = \! 34 \; , \; v = \! 5346 \\ \end{array}$$

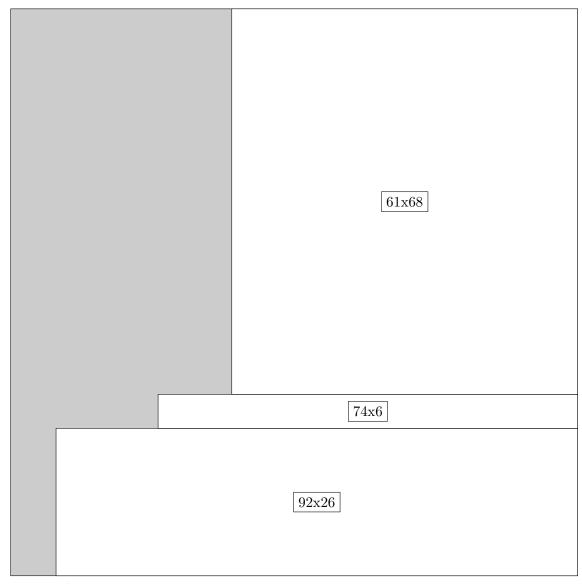


$$\le =97$$
 ,  $h=11$  ,  $x=3$  ,  $y=0$  ,  $v=1067$ 

$$\le =69$$
 , h =48 , x =31 , y =11 , v =3312

$$\le =30$$
 , h =41 , x =1 , y =11 , v =1230

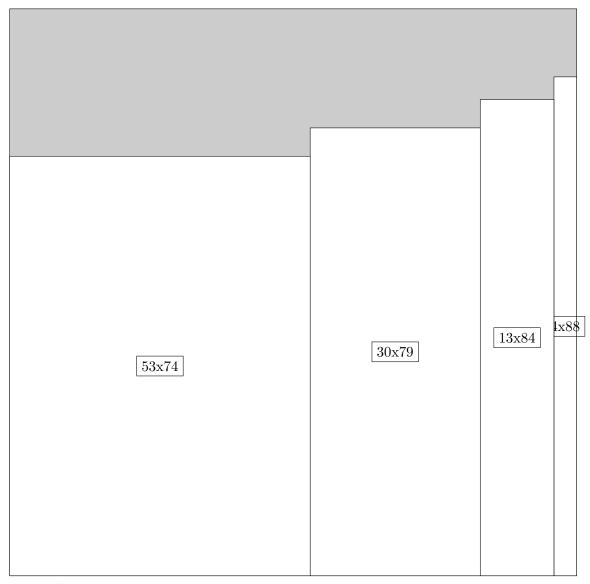
$$\le =88$$
 , h =41 , x =12 , y =59 , v =3608



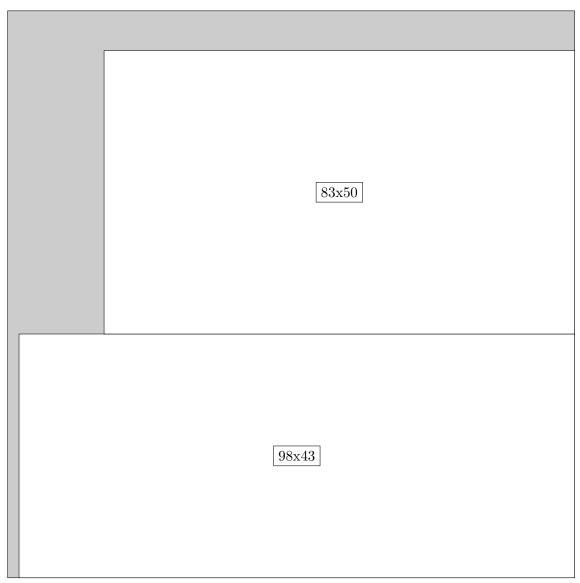
$$\le =92$$
 , h =26 , x =8 , y =0 , v =2392

$$w$$
 =74 , h =6 , x =26 , y =26 , v =444

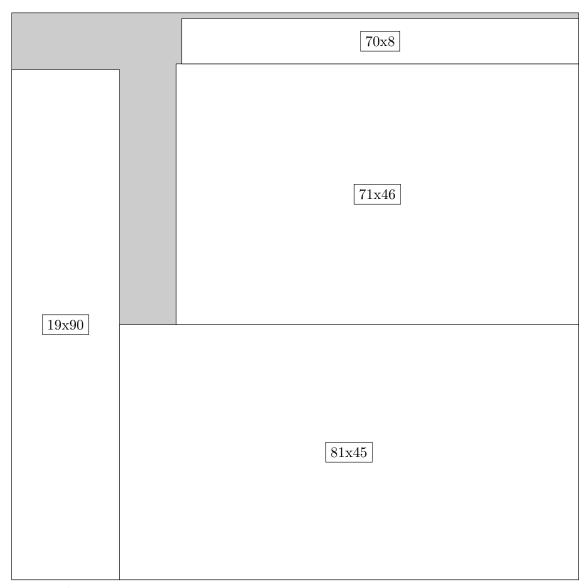
$$\le =61$$
 , h =68 , x =39 , y =32 , v =4148



 $\begin{array}{l} w=4\ ,\, h=\!88\ ,\, x=\!96\ ,\, y=\!0\ ,\, v=\!352\\ w=\!13\ ,\, h=\!84\ ,\, x=\!83\ ,\, y=\!0\ ,\, v=\!1092\\ w=\!30\ ,\, h=\!79\ ,\, x=\!53\ ,\, y=\!0\ ,\, v=\!2370\\ w=\!53\ ,\, h=\!74\ ,\, x=\!0\ ,\, y=\!0\ ,\, v=\!3922 \end{array}$ 



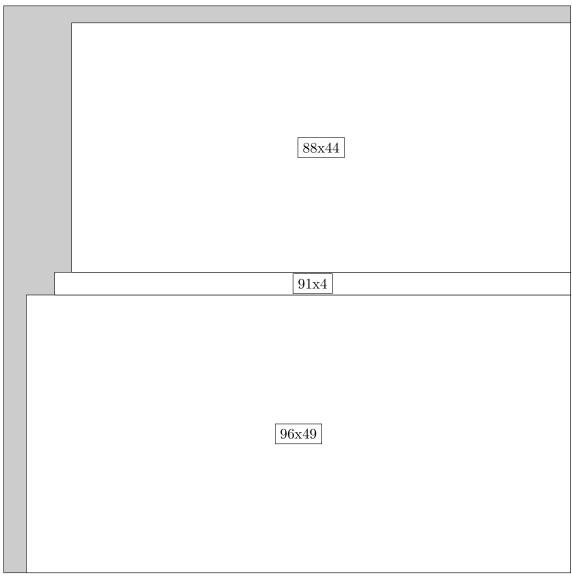
$$\begin{array}{l} w = 98 \; , \; h = \!\!\! 43 \; , \; x = \!\!\! 2 \; , \; y = \!\!\! 0 \; , \; v = \!\!\! 4214 \\ w = \!\!\! 83 \; , \; h = \!\!\! 50 \; , \; x = \!\!\!\! 17 \; , \; y = \!\!\!\! 43 \; , \; v = \!\!\!\! 4150 \end{array}$$



$$w$$
 =81 , h =45 , x =19 , y =0 , v =3645  $w$  =71 , h =46 , x =29 , y =45 , v =3266

$$\le =70$$
 , h =8 , x =30 , y =91 , v =560

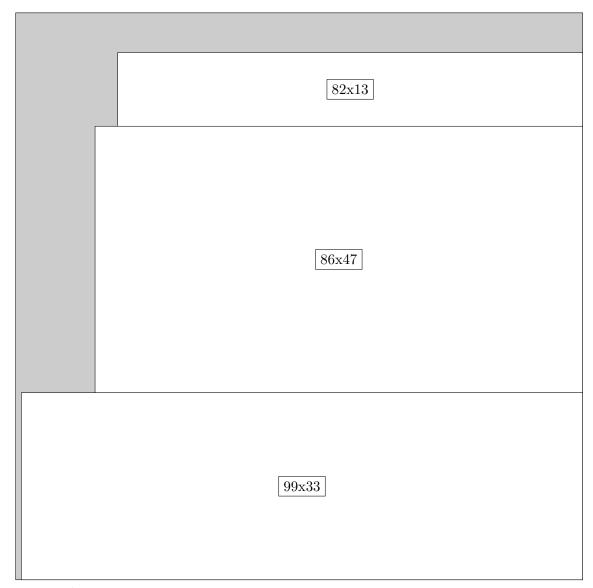
$$\le =19$$
 , h =90 , x =0 , y =0 , v =1710



$$\mathbf{w}$$
 =96 , h =49 , x =4 , y =0 , v =4704

$$\le =91$$
 , h =4 , x =9 , y =49 , v =364

$$\le =88$$
 , h =44 , x =12 , y =53 , v =3872

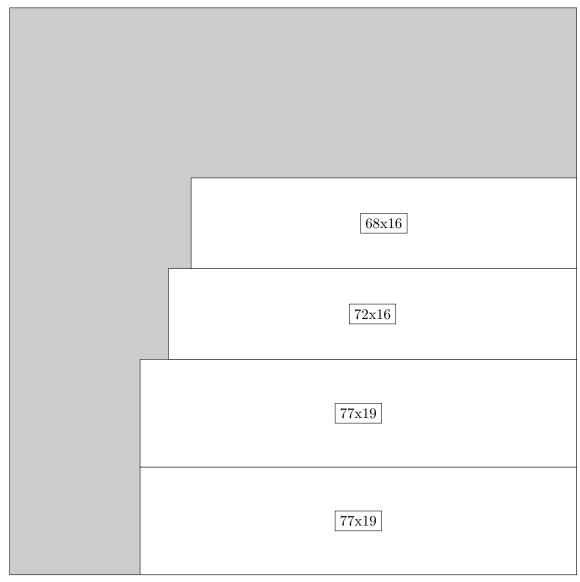


$$\begin{array}{l} w = \! 99 \ , \ h = \! 33 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 3267 \\ w = \! 86 \ , \ h = \! 47 \ , \ x = \! 14 \ , \ y = \! 33 \ , \ v = \! 4042 \end{array}$$

$$\le =82$$
 , h =13 , x =18 , y =80 , v =1066



$$\begin{array}{l} w = \! 78 \ , \, h = \! 49 \ , \, x = \! 22 \ , \, y = \! 0 \ , \, v = \! 3822 \\ w = \! 72 \ , \, h = \! 36 \ , \, x = \! 28 \ , \, y = \! 49 \ , \, v = \! 2592 \end{array}$$



$$w$$
 =77 ,  $h$  =19 ,  $x$  =23 ,  $y$  =0 ,  $v$  =1463

$$w = 77$$
,  $h = 19$ ,  $x = 23$ ,  $y = 19$ ,  $v = 1463$ 

$$\le =72$$
 , h =16 , x =28 , y =38 , v =1152

$$\le =68$$
 ,  $h$  =16 ,  $x$  =32 ,  $y$  =54 ,  $v$  =1088