${\bf ClassName:}\ {\bf Class\_08.2bp\text{-}12}$ 

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

TypeNum: <u>40</u> Num: <u>40</u> OutS: <u>110000</u> InS: <u>89243</u> Rate: <u>0.811</u> UB: <u>11</u> LB0: <u>11</u>

LBWithCut: <u>11</u> NodeCut: <u>0</u>

LB: **11** 

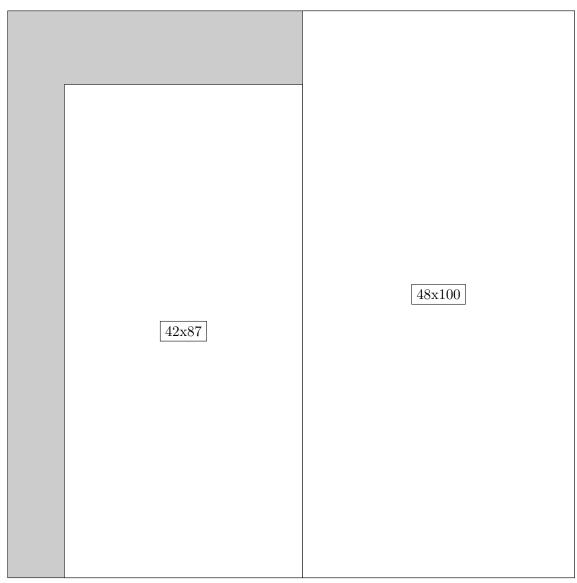
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{11}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

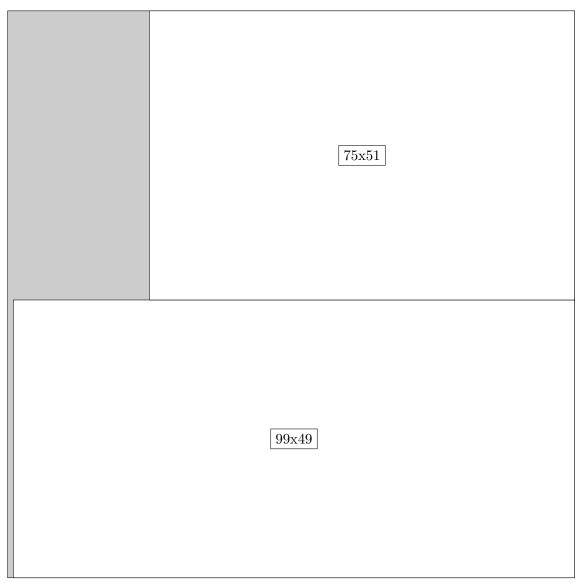
isOpt: **true** 

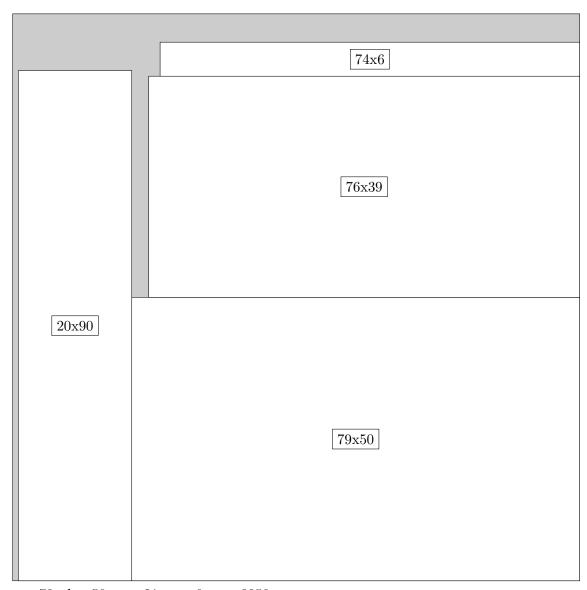
TimeOnInitSolution:  $\underline{600.000 \text{ s}}$ 

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.047 sTotalTime: 600.312 s



w=48 ,  $h=\!100$  ,  $x=\!52$  ,  $y=\!0$  ,  $v=\!4800$   $w=\!42$  ,  $h=\!87$  ,  $x=\!10$  ,  $y=\!0$  ,  $v=\!3654$ 

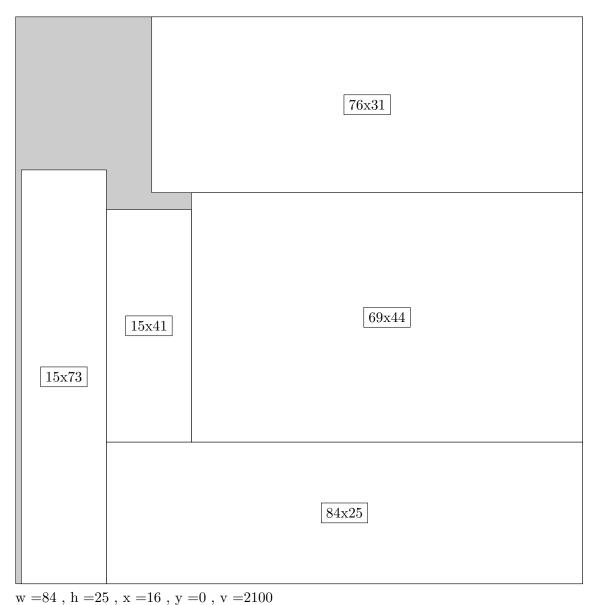




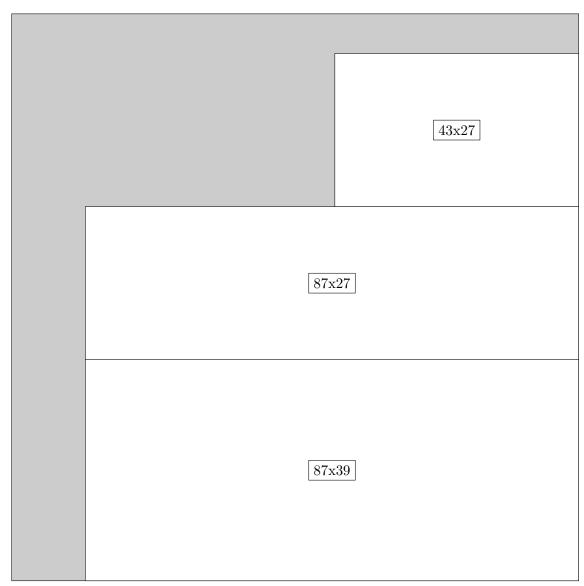
$$\begin{array}{l} w = 79 \ , \ h = \!\! 50 \ , \ x = \!\! 21 \ , \ y = \!\! 0 \ , \ v = \!\! 3950 \\ w = \!\! 76 \ , \ h = \!\! 39 \ , \ x = \!\! 24 \ , \ y = \!\! 50 \ , \ v = \!\! 2964 \end{array}$$

$$\le =74$$
 , h =6 , x =26 , y =89 , v =444

$$\mathbf{w}$$
 =20 , h =90 , x =1 , y =0 , v =1800



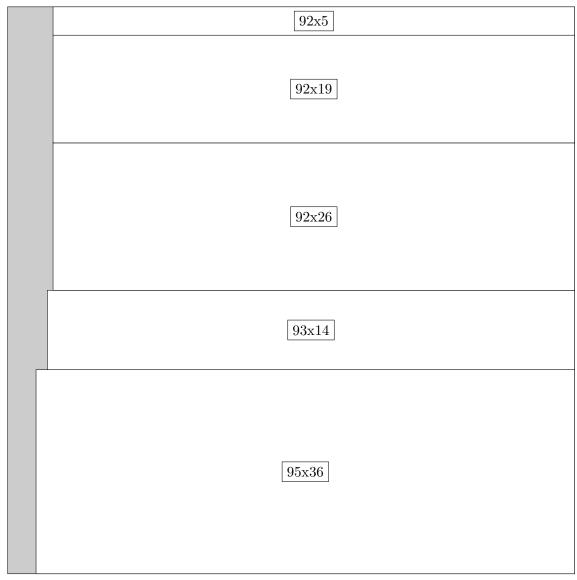
w = 15, h = 73, x = 1, y = 0, v = 1095



$$\le =87$$
 , h =39 , x =13 , y =0 , v =3393

$$\le =87$$
 , h =27 , x =13 , y =39 , v =2349

$$\le =43$$
 , h =27 , x =57 , y =66 , v =1161



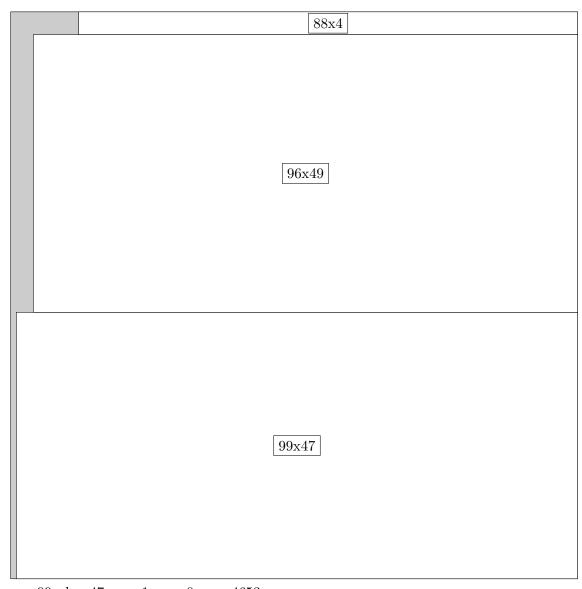
$$w=\!95$$
 ,  $h=\!36$  ,  $x=\!5$  ,  $y=\!0$  ,  $v=\!3420$ 

$$\le =93$$
 , h =14 , x =7 , y =36 , v =1302

$$\le =92$$
 , h =26 , x =8 , y =50 , v =2392

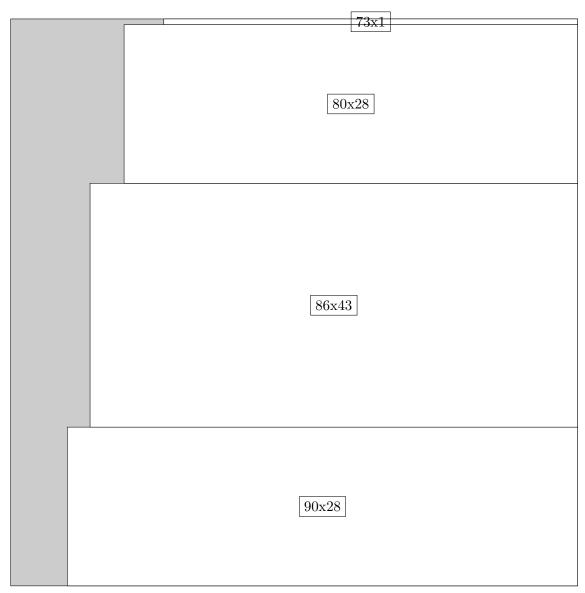
$$\le =92$$
 , h =19 , x =8 , y =76 , v =1748

$$\le =92$$
 , h =5 , x =8 , y =95 , v =460

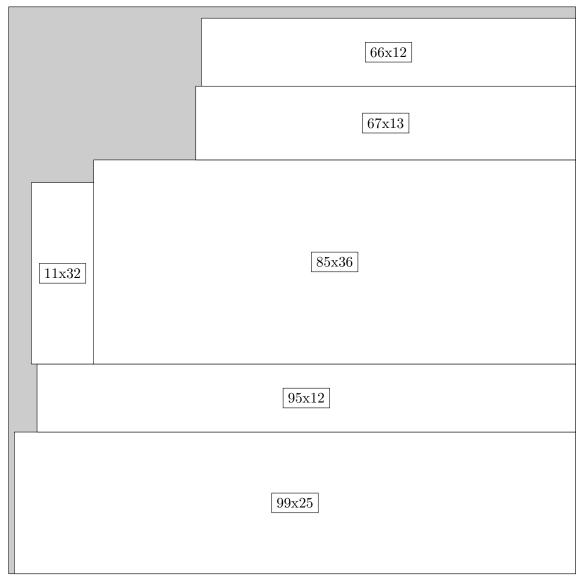


$$\begin{array}{l} w = \! 99 \ , \ h = \! 47 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 4653 \\ w = \! 96 \ , \ h = \! 49 \ , \ x = \! 4 \ , \ y = \! 47 \ , \ v = \! 4704 \end{array}$$

$$\le =88$$
 , h =4 , x =12 , y =96 , v =352



$$\begin{array}{l} w = \! 90 \ , \ h = \! 28 \ , \ x = \! 10 \ , \ y = \! 0 \ , \ v = \! 2520 \\ w = \! 86 \ , \ h = \! 43 \ , \ x = \! 14 \ , \ y = \! 28 \ , \ v = \! 3698 \\ w = \! 80 \ , \ h = \! 28 \ , \ x = \! 20 \ , \ y = \! 71 \ , \ v = \! 2240 \\ w = \! 73 \ , \ h = \! 1 \ , \ x = \! 27 \ , \ y = \! 99 \ , \ v = \! 73 \end{array}$$



$$w = 99$$
,  $h = 25$ ,  $x = 1$ ,  $y = 0$ ,  $v = 2475$ 

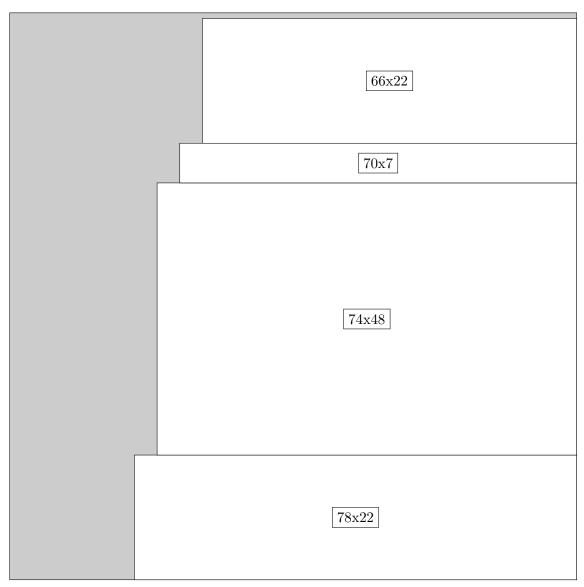
$$w=\!95$$
 ,  $h=\!12$  ,  $x=\!5$  ,  $y=\!25$  ,  $v=\!1140$ 

$$\le =85$$
 , h =36 , x =15 , y =37 , v =3060

$$\mathbf{w}$$
 =11 , h =32 , x =4 , y =37 , v =352

$$w$$
 =67 ,  $h$  =13 ,  $x$  =33 ,  $y$  =73 ,  $v$  =871

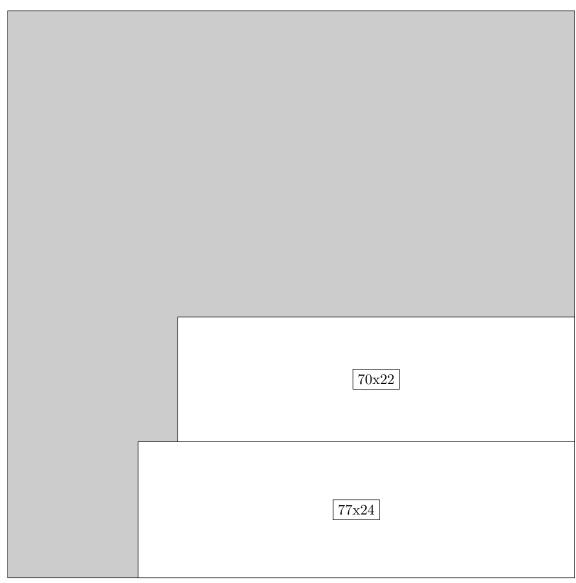
$$w$$
 =66 , h =12 , x =34 , y =86 , v =792



$$\begin{array}{l} w = \! 78 \ , \ h = \! 22 \ , \ x = \! 22 \ , \ y = \! 0 \ , \ v = \! 1716 \\ w = \! 74 \ , \ h = \! 48 \ , \ x = \! 26 \ , \ y = \! 22 \ , \ v = \! 3552 \end{array}$$

$$\mathbf{w}$$
 =70 , h =7 , x =30 , y =70 , v =490

$$\mathbf{w}$$
 =66 , h =22 , x =34 , y =77 , v =1452



$$\begin{array}{l} w = \!\!\! 77 \ , \ h = \!\!\! 24 \ , \ x = \!\!\! 23 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 1848 \\ w = \!\!\! 70 \ , \ h = \!\!\! 22 \ , \ x = \!\!\! 30 \ , \ y = \!\!\! 24 \ , \ v = \!\!\! 1540 \end{array}$$