$ClassName: \ Class\_05.2bp-14$ 

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

TypeNum: <u>40</u> Num: <u>40</u> OutS: <u>140000</u> InS: <u>119011</u> Rate: <u>0.850</u> UB: <u>14</u> LB0: <u>13</u>

LB0: <u>13</u> LB: <u>14</u>

LBWithCut:  $\underline{\mathbf{14}}$ NodeCut:  $\underline{\mathbf{0}}$ 

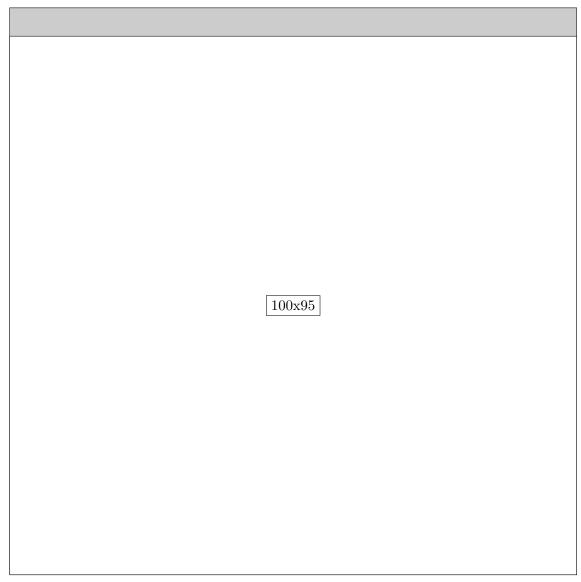
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{77}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{64}}$ PricingSolverCnt:  $\underline{\mathbf{64}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

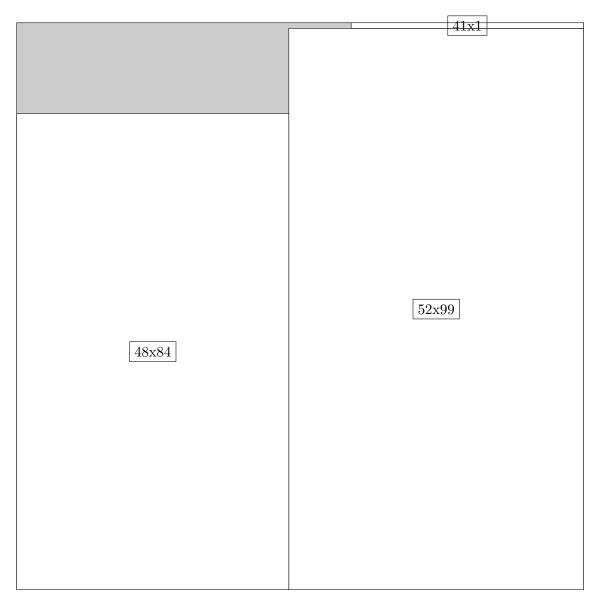
isOpt: **true** 

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

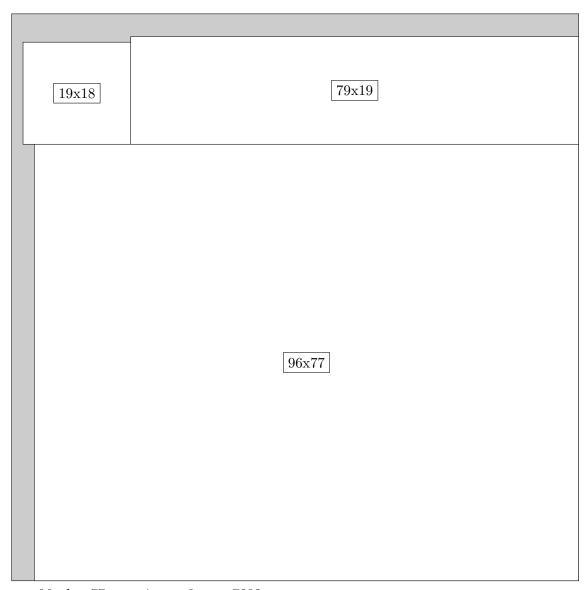
TimeOnPrimal: 0.000 sTimeOnPricing: 5.141 sTimeOnRmp: 0.109 sTotalTime: 605.579 s



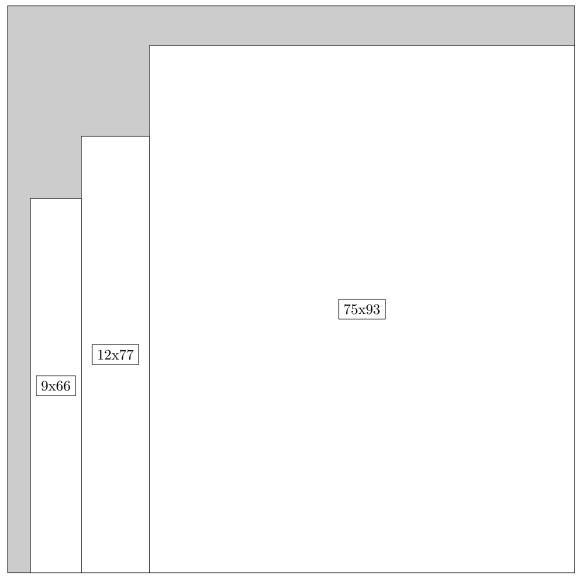
 $\le =100$  , h =95 , x =0 , y =0 , v =9500



 $\begin{array}{l} w = \!\! 52 \ , \ h = \!\! 99 \ , \ x = \!\! 48 \ , \ y = \!\! 0 \ , \ v = \!\! 5148 \\ w = \!\! 41 \ , \ h = \!\! 1 \ , \ x = \!\! 59 \ , \ y = \!\! 99 \ , \ v = \!\! 41 \\ w = \!\! 48 \ , \ h = \!\! 84 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4032 \end{array}$ 



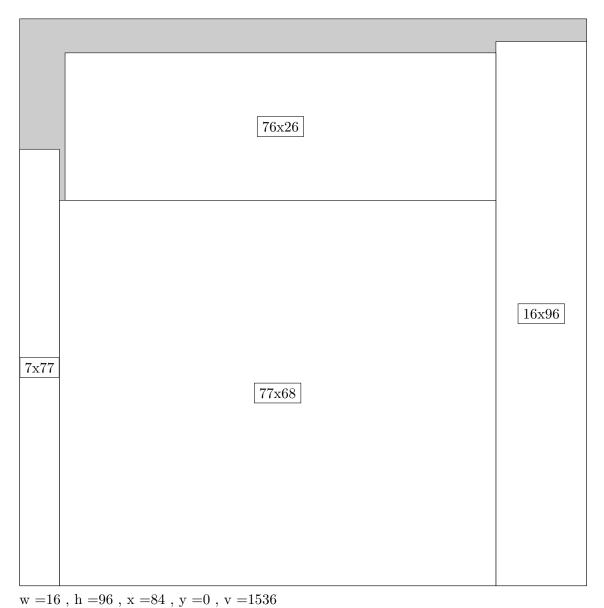
$$\begin{array}{l} w = \! 96 \ , \ h = \! 77 \ , \ x = \! 4 \ , \ y = \! 0 \ , \ v = \! 7392 \\ w = \! 79 \ , \ h = \! 19 \ , \ x = \! 21 \ , \ y = \! 77 \ , \ v = \! 1501 \\ w = \! 19 \ , \ h = \! 18 \ , \ x = \! 2 \ , \ y = \! 77 \ , \ v = \! 342 \end{array}$$

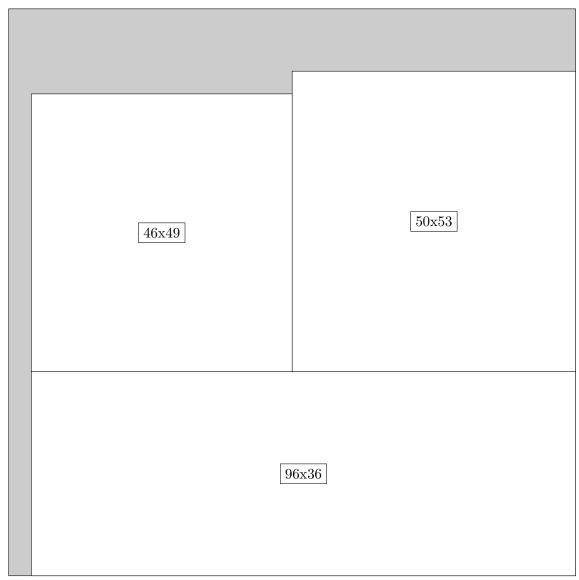


 $\begin{array}{l} w = \! 75 \ , \ h = \! 93 \ , \ x = \! 25 \ , \ y = \! 0 \ , \ v = \! 6975 \\ w = \! 12 \ , \ h = \! 77 \ , \ x = \! 13 \ , \ y = \! 0 \ , \ v = \! 924 \\ w = \! 9 \ , \ h = \! 66 \ , \ x = \! 4 \ , \ y = \! 0 \ , \ v = \! 594 \end{array}$ 



$$\begin{array}{l} w = \! 76 \ , \, h = \! 49 \ , \, x = \! 24 \ , \, y = \! 0 \ , \, v = \! 3724 \\ w = \! 68 \ , \, h = \! 42 \ , \, x = \! 32 \ , \, y = \! 49 \ , \, v = \! 2856 \end{array}$$

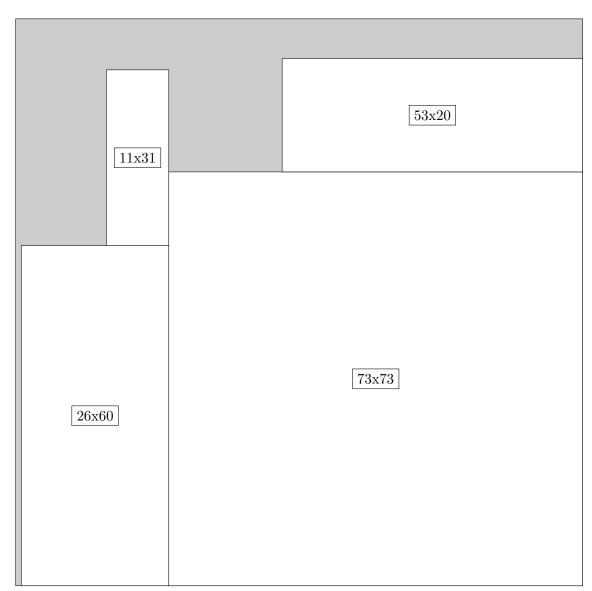




$$\le =96$$
 , h =36 , x =4 , y =0 , v =3456

$$\le =50$$
 , h =53 , x =50 , y =36 , v =2650

$$\le =46$$
 , h =49 , x =4 , y =36 , v =2254

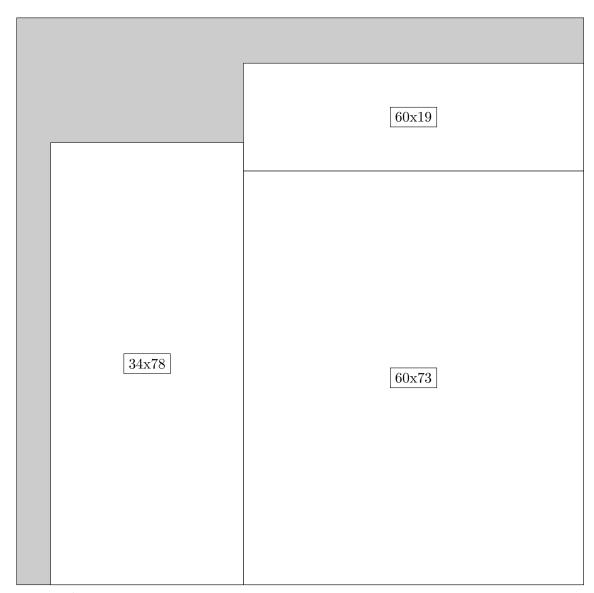


$$\le -73$$
 , h =  
73 , x =  
27 , y =  
0 , v =  
5329

$$\le =53$$
 , h =20 , x =47 , y =73 , v =1060

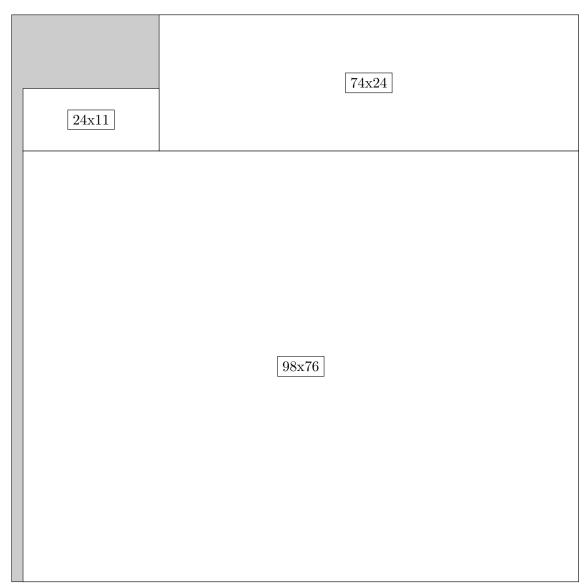
$$\le =26$$
 , h =60 , x =1 , y =0 , v =1560

$$\mathbf{w}$$
 =11 , h =31 , x =16 , y =60 , v =341

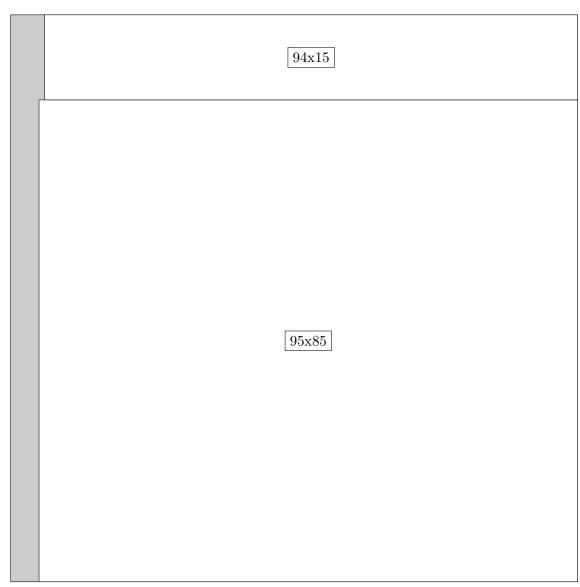


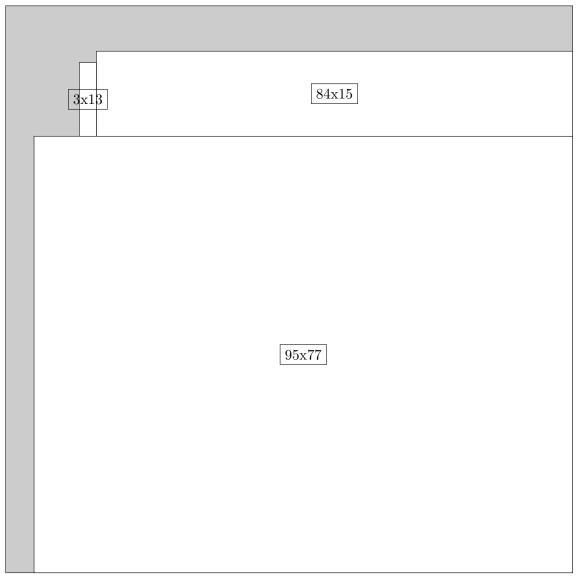
$$\begin{array}{l} w = \! 60 \ , \ h = \! 73 \ , \ x = \! 40 \ , \ y = \! 0 \ , \ v = \! 4380 \\ w = \! 60 \ , \ h = \! 19 \ , \ x = \! 40 \ , \ y = \! 73 \ , \ v = \! 1140 \end{array}$$

$$\le =34$$
 , h =78 , x =6 , y =0 , v =2652

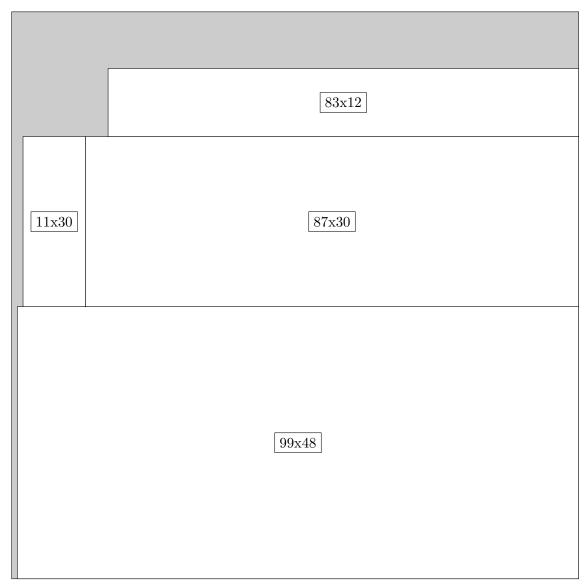


$$\begin{array}{l} w = \! 98 \; , \; h = \! 76 \; , \; x = \! 2 \; , \; y = \! 0 \; , \; v = \! 7448 \\ w = \! 74 \; , \; h = \! 24 \; , \; x = \! 26 \; , \; y = \! 76 \; , \; v = \! 1776 \\ w = \! 24 \; , \; h = \! 11 \; , \; x = \! 2 \; , \; y = \! 76 \; , \; v = \! 264 \end{array}$$





$$\begin{array}{l} w = \! 95 \ , \ h = \! 77 \ , \ x = \! 5 \ , \ y = \! 0 \ , \ v = \! 7315 \\ w = \! 84 \ , \ h = \! 15 \ , \ x = \! 16 \ , \ y = \! 77 \ , \ v = \! 1260 \\ w = \! 3 \ , \ h = \! 13 \ , \ x = \! 13 \ , \ y = \! 77 \ , \ v = \! 39 \end{array}$$



$$\begin{array}{l} w = 99 \ , \ h = 48 \ , \ x = 1 \ , \ y = 0 \ , \ v = 4752 \\ w = 87 \ , \ h = 30 \ , \ x = 13 \ , \ y = 48 \ , \ v = 2610 \\ w = 83 \ , \ h = 12 \ , \ x = 17 \ , \ y = 78 \ , \ v = 996 \\ w = 11 \ , \ h = 30 \ , \ x = 2 \ , \ y = 48 \ , \ v = 330 \end{array}$$

