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

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

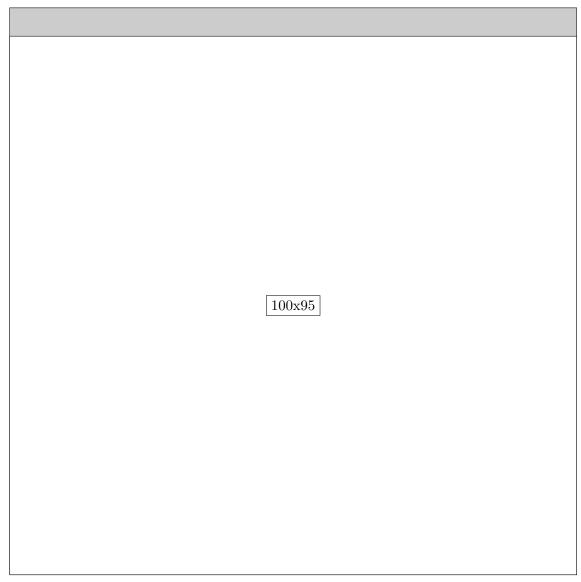
TypeNum: <u>40</u> Num: <u>40</u> OutS: <u>140000</u> InS: <u>119011</u> Rate: <u>0.850</u> UB: <u>14</u> LB0: <u>13</u>

LB: **14** 

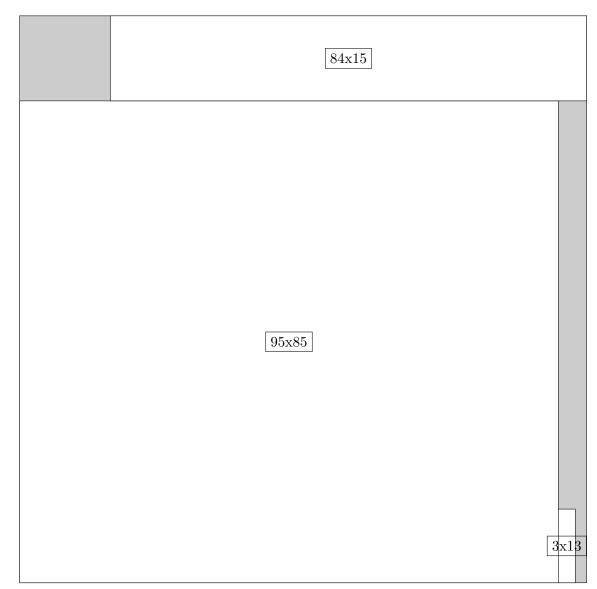
LBWithCut:  $\underline{\mathbf{14}}$ NodeCut:  $\underline{\mathbf{0}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{72}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{59}}$ PricingSolverCnt:  $\underline{\mathbf{59}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

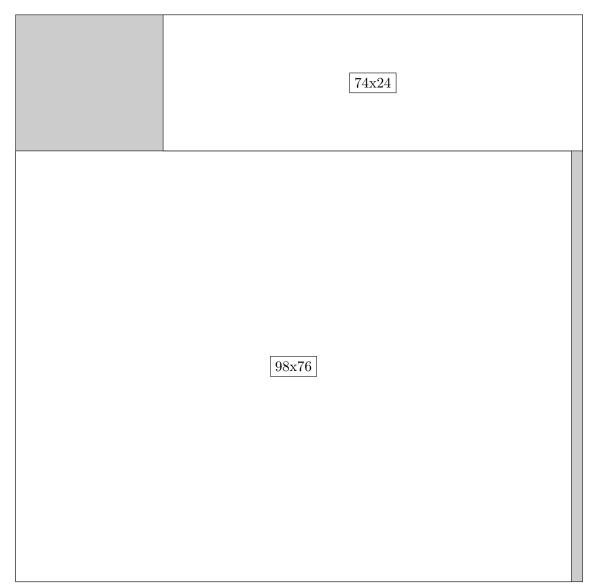
TimeOnPrimal: 0.000 sTimeOnPricing: 9.639 sTimeOnRmp: 0.095 sTotalTime: 9.797 s

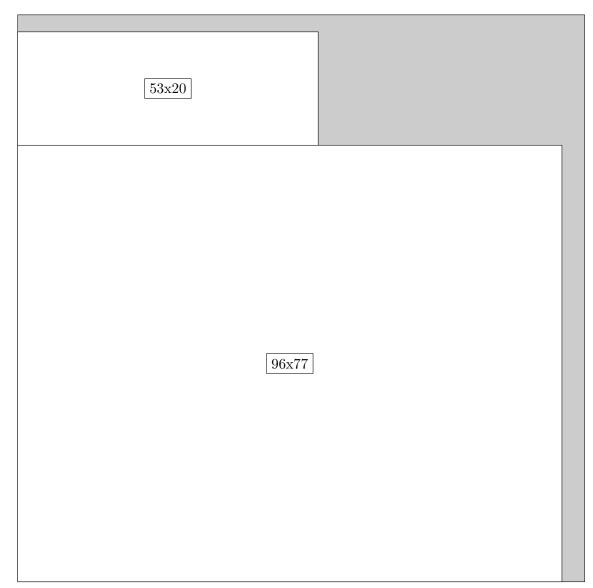


 $\le =100$  , h =95 , x =0 , y =0 , v =9500

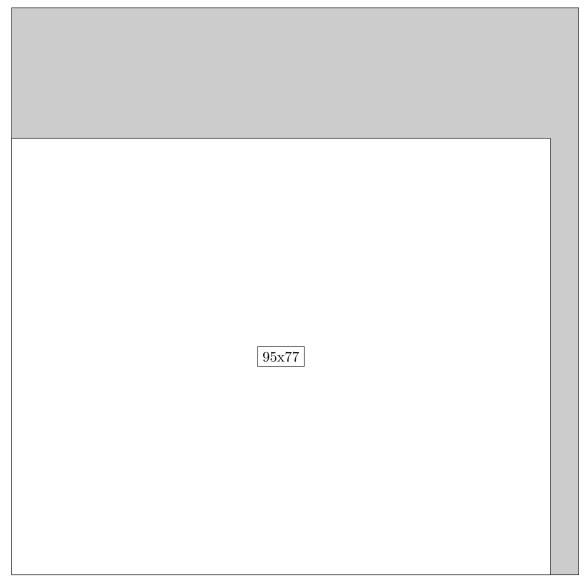


$$\begin{array}{l} w = \! 95 \ , \ h = \! 85 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 8075 \\ w = \! 84 \ , \ h = \! 15 \ , \ x = \! 16 \ , \ y = \! 85 \ , \ v = \! 1260 \\ w = \! 3 \ , \ h = \! 13 \ , \ x = \! 95 \ , \ y = \! 0 \ , \ v = \! 39 \end{array}$$

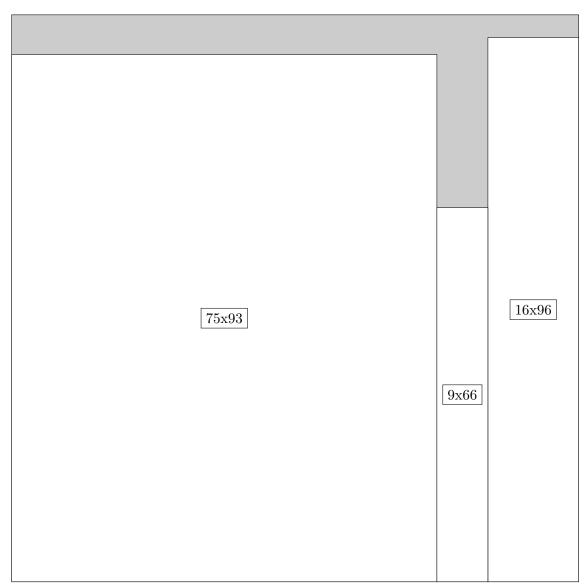




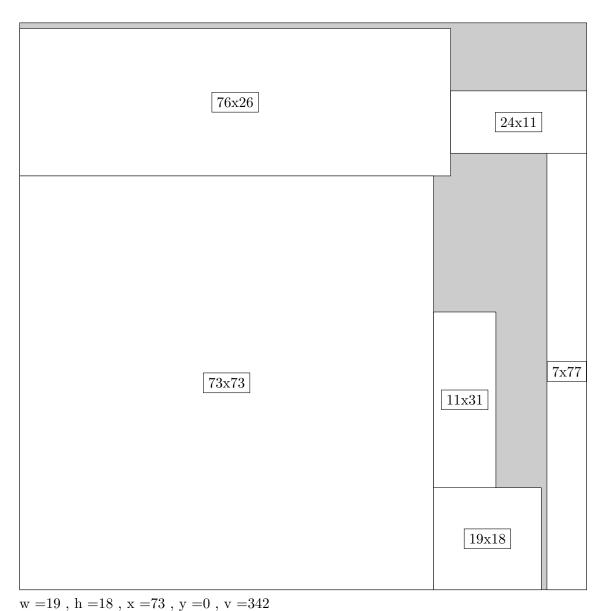
$$\begin{array}{c} w = 96 \; , \; h = 77 \; , \; x = 0 \; , \; y = 0 \; , \; v = 7392 \\ w = 53 \; , \; h = 20 \; , \; x = 0 \; , \; y = 77 \; , \; v = 1060 \\ \end{array}$$



 $\le =95$  , h =77 , x =0 , y =0 , v =7315



 $\begin{array}{l} w = \! 75 \ , \ h = \! 93 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6975 \\ w = \! 16 \ , \ h = \! 96 \ , \ x = \! 84 \ , \ y = \! 0 \ , \ v = \! 1536 \\ w = \! 9 \ , \ h = \! 66 \ , \ x = \! 75 \ , \ y = \! 0 \ , \ v = \! 594 \end{array}$ 

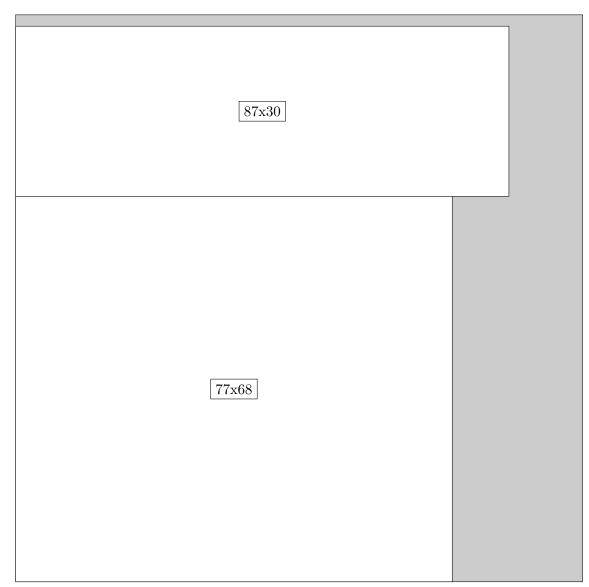


$$w$$
 =7 ,  $h$  =77 ,  $x$  =93 ,  $y$  =0 ,  $v$  =539

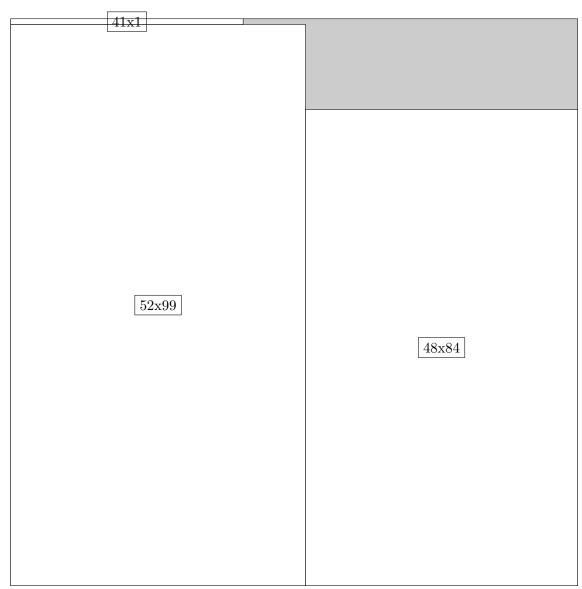
$$\le -73$$
 , h =  
73 , x =0 , y =  
0 , v =  
5329

$$\mathbf{w}$$
 =11 , h =31 , x =73 , y =18 , v =341

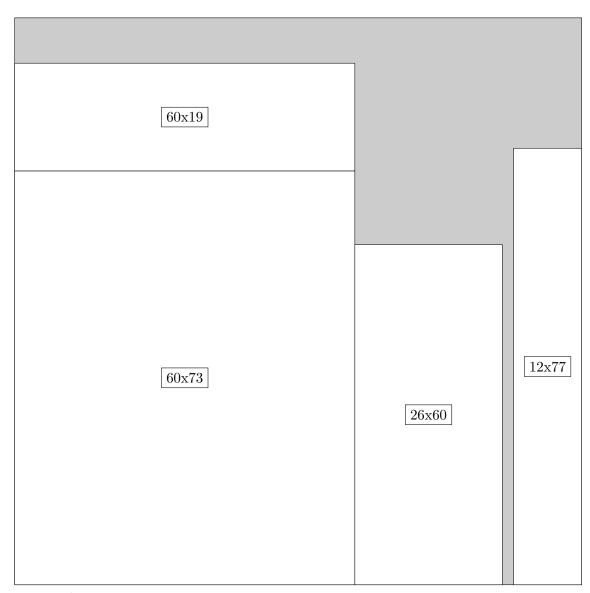
$$w$$
 =24 ,  $h$  =11 ,  $x$  =76 ,  $y$  =77 ,  $v$  =264



$$\begin{array}{l} w = \!\!\! 77 \ , \ h = \!\!\! 68 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 5236 \\ w = \!\!\! 87 \ , \ h = \!\!\! 30 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 68 \ , \ v = \!\!\! 2610 \end{array}$$



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



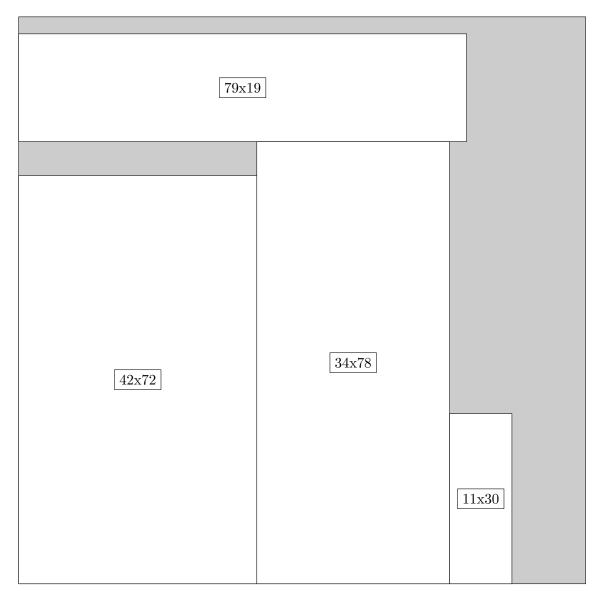
$$\le =60$$
 ,  $h$  =73 ,  $x$  =0 ,  $y$  =0 ,  $v$  =4380

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

$$\le =60$$
 , h =19 , x =0 , y =73 , v =1140

$$\mathbf{w}$$
 =12 , h =77 , x =88 , y =0 , v =924





$$\begin{array}{l} w = \!\! 42 \ , \ h = \!\! 72 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3024 \\ w = \!\! 34 \ , \ h = \!\! 78 \ , \ x = \!\! 42 \ , \ y = \!\! 0 \ , \ v = \!\! 2652 \end{array}$$

$$\le =79$$
 , h =19 , x =0 , y =78 , v =1501

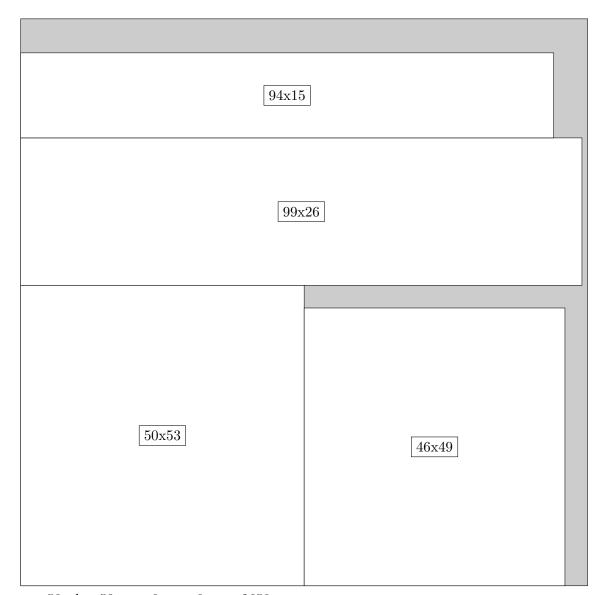
$$\mathbf{w}$$
 =11 , h =30 , x =76 , y =0 , v =330



$$\le =96$$
 , h =36 , x =0 , y =42 , v =3456

$$\mathbf{w}$$
 =68 , h =42 , x =0 , y =0 , v =2856

$$\le =83$$
 , h =12 , x =0 , y =78 , v =996



$$\begin{array}{l} w = \! 50 \ , \ h = \! 53 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2650 \\ w = \! 99 \ , \ h = \! 26 \ , \ x = \! 0 \ , \ y = \! 53 \ , \ v = \! 2574 \\ w = \! 46 \ , \ h = \! 49 \ , \ x = \! 50 \ , \ y = \! 0 \ , \ v = \! 2254 \end{array}$$

 $\le =94$  , h =15 , x =0 , y =79 , v =1410