$ClassName: \ Class\_05.2bp\text{-}13$ 

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

TypeNum: <u>40</u> Num: <u>40</u> OutS: <u>130000</u> InS: <u>104282</u> Rate: <u>0.802</u> UB: <u>13</u> LB0: <u>12</u>

 $\begin{array}{c} \overline{\text{LBWithCut: } \mathbf{13}} \\ \text{NodeCut: } \mathbf{0} \end{array}$ 

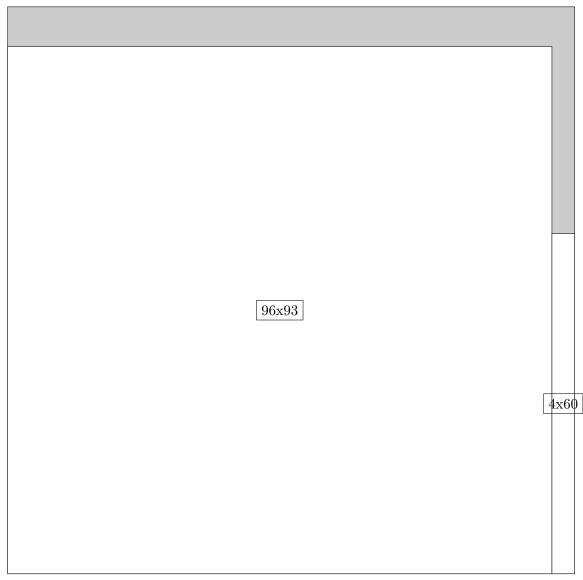
LB: **13** 

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

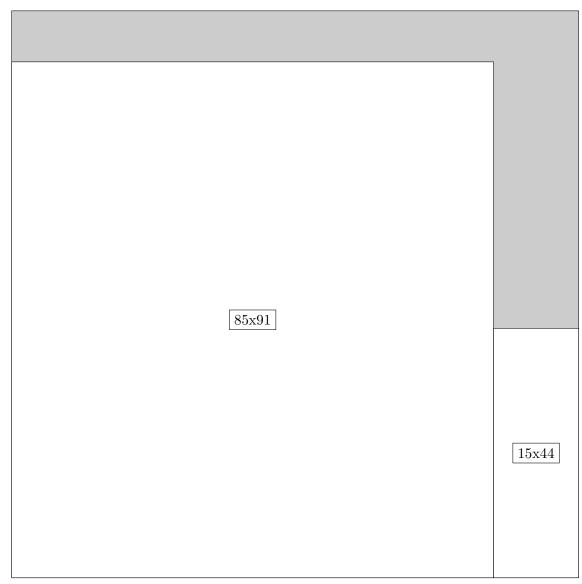
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{63}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{51}}$ PricingSolverCnt:  $\underline{\mathbf{51}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

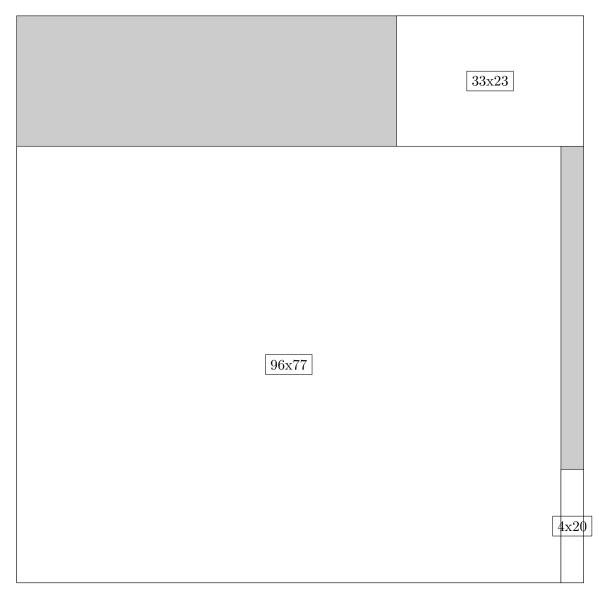
isOpt:  $\underline{\mathbf{true}}$ 

TimeOnPrimal: 0.000 sTimeOnPricing: 3.330 sTimeOnRmp: 0.123 sTotalTime: 3.516 s

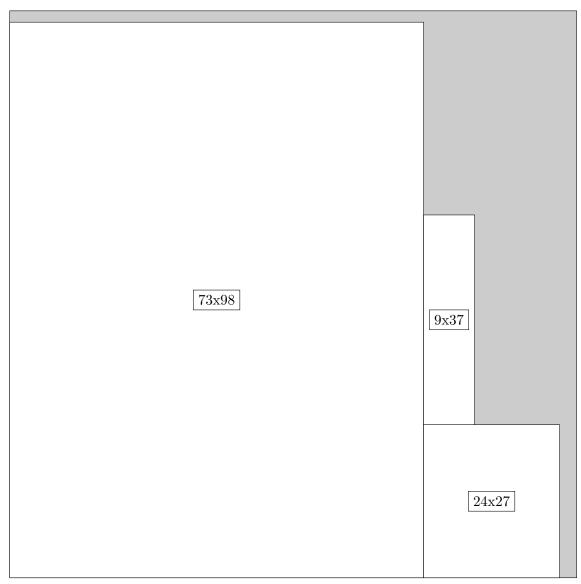


$$\begin{array}{l} w = \! 96 \ , \, h = \! 93 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 8928 \\ w = \! 4 \ , \, h = \! 60 \ , \, x = \! 96 \ , \, y = \! 0 \ , \, v = \! 240 \end{array}$$

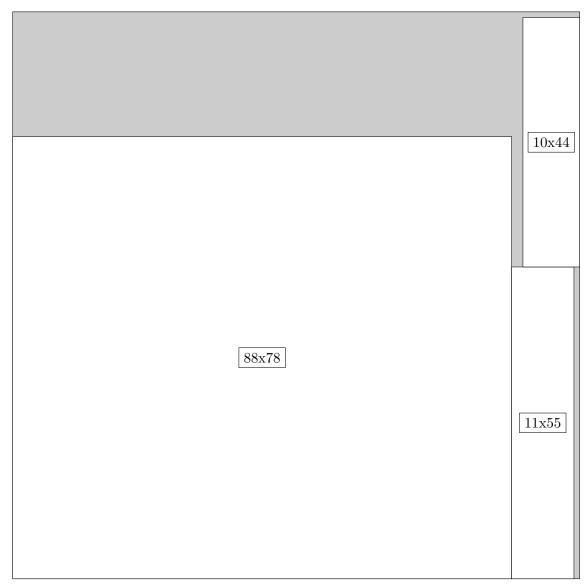




$$\begin{array}{l} w = \! 96 \ , \ h = \! 77 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7392 \\ w = \! 33 \ , \ h = \! 23 \ , \ x = \! 67 \ , \ y = \! 77 \ , \ v = \! 759 \\ w = \! 4 \ , \ h = \! 20 \ , \ x = \! 96 \ , \ y = \! 0 \ , \ v = \! 80 \end{array}$$



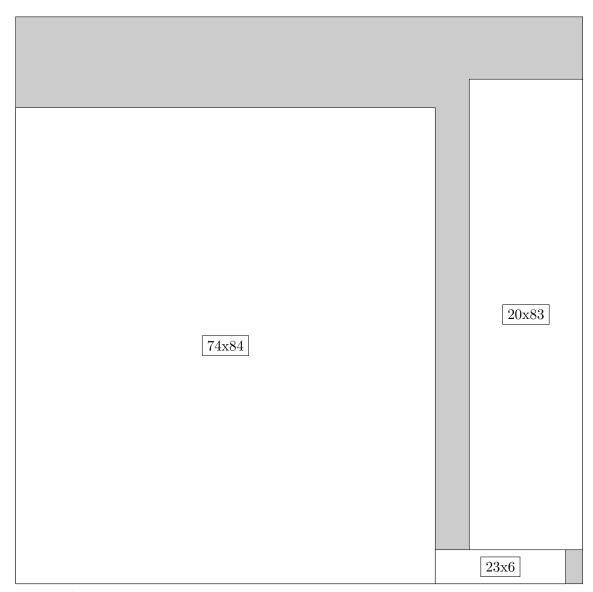
 $\begin{array}{l} w = 73 \ , \ h = 98 \ , \ x = 0 \ , \ y = 0 \ , \ v = 7154 \\ w = 24 \ , \ h = 27 \ , \ x = 73 \ , \ y = 0 \ , \ v = 648 \\ w = 9 \ , \ h = 37 \ , \ x = 73 \ , \ y = 27 \ , \ v = 333 \end{array}$ 



$$w = 88$$
,  $h = 78$ ,  $x = 0$ ,  $y = 0$ ,  $v = 6864$ 

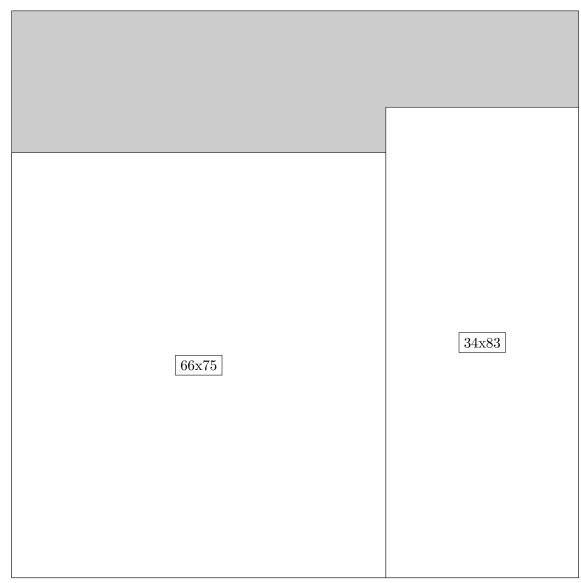
$$\le =11$$
 , h =55 , x =88 , y =0 , v =605

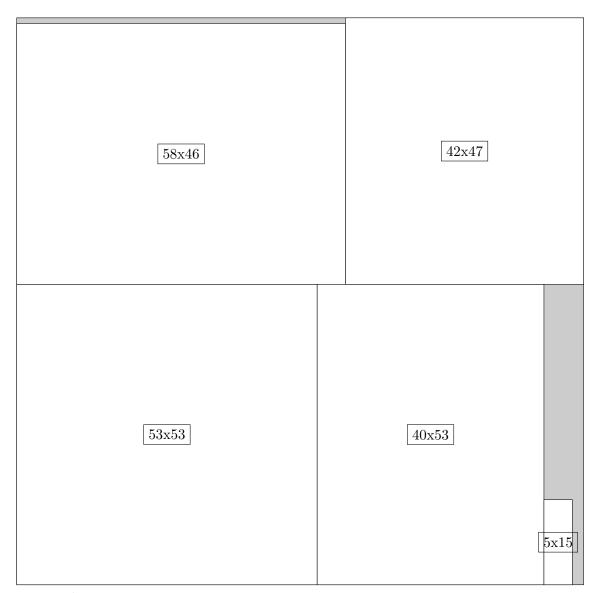
$$\le =10$$
 , h =44 , x =90 , y =55 , v =440



w =74 , h =84 , x =0 , y =0 , v =6216 w =20 , h =83 , x =80 , y =6 , v =1660

 $\le =23$  , h =6 , x =74 , y =0 , v =138





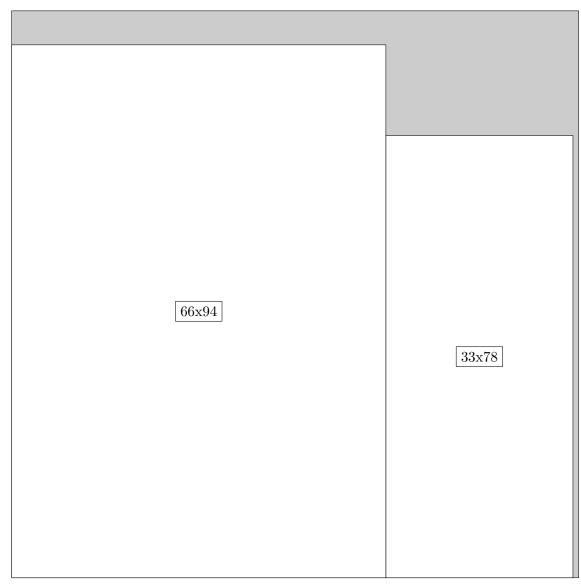
 $\le =53$  , h =53 , x =0 , y =0 , v =2809

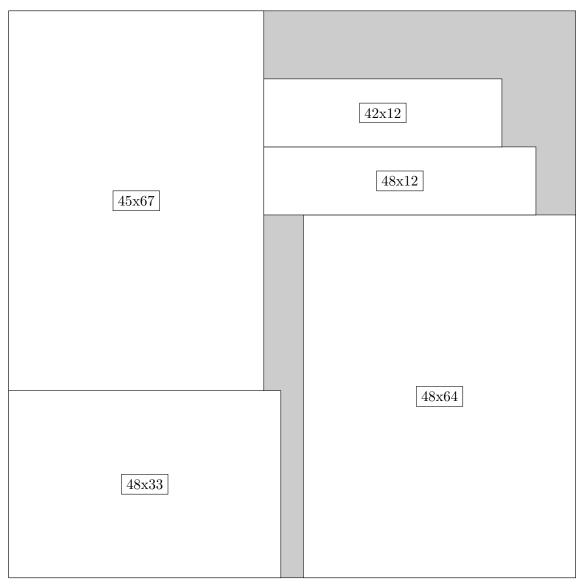
 $\le =58$  , h =46 , x =0 , y =53 , v =2668

 $\le =40$  , h =53 , x =53 , y =0 , v =2120

 $\mathbf{w}$  =42 , h =47 , x =58 , y =53 , v =1974

 $\mathbf{w}$  =5 , h =15 , x =93 , y =0 , v =75





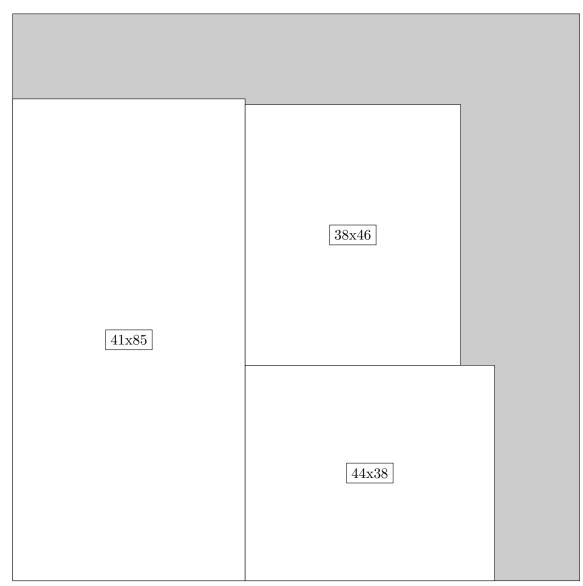
$$w = 48$$
,  $h = 33$ ,  $x = 0$ ,  $y = 0$ ,  $v = 1584$ 

$$\le =48$$
 ,  $h=\!64$  ,  $x=\!52$  ,  $y=\!0$  ,  $v=\!3072$ 

$$\le =45$$
 ,  $h=\!67$  ,  $x=\!0$  ,  $y=\!33$  ,  $v=\!3015$ 

$$\le =48$$
 ,  $h$  =12 ,  $x$  =45 ,  $y$  =64 ,  $v$  =576

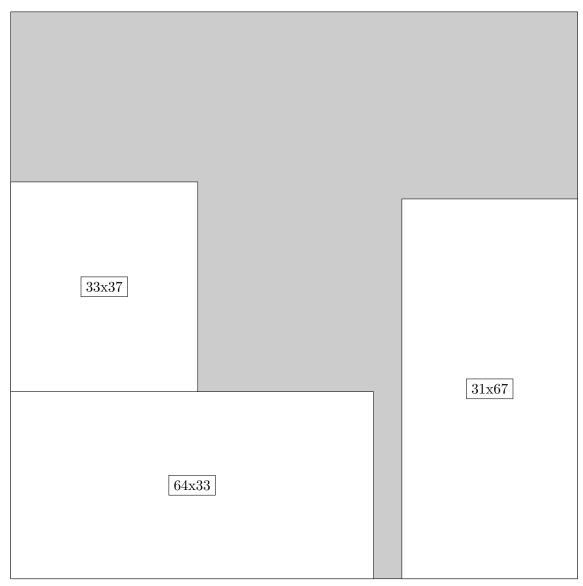
$$w = 42$$
,  $h = 12$ ,  $x = 45$ ,  $y = 76$ ,  $v = 504$ 



$$\le =41$$
 , h =85 , x =0 , y =0 , v =3485

$$w=\!38$$
 ,  $h=\!46$  ,  $x=\!41$  ,  $y=\!38$  ,  $v=\!1748$ 

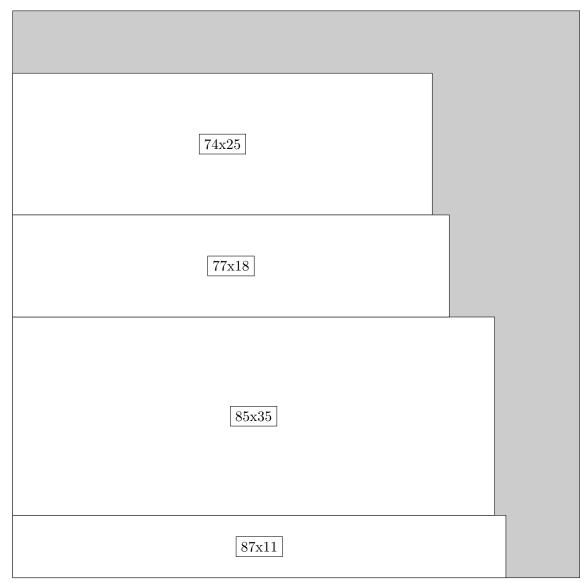
$$\le =44$$
 , h =38 , x =41 , y =0 , v =1672



$$w = 64$$
,  $h = 33$ ,  $x = 0$ ,  $y = 0$ ,  $v = 2112$ 

$$\le =31$$
 ,  $h=67$  ,  $x=69$  ,  $y=0$  ,  $v=2077$ 

$$\mathbf{w}$$
 =33 , h =37 , x =0 , y =33 , v =1221



$$\le =85$$
 , h =35 , x =0 , y =11 , v =2975

$$\le =74$$
 , h =25 , x =0 , y =64 , v =1850

$$\le =77$$
 , h =18 , x =0 , y =46 , v =1386

$$\le =87$$
 ,  $h$  =11 ,  $x$  =0 ,  $y$  =0 ,  $v$  =957