$ClassName: \ Class\_05.2bp-19$ 

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

TypeNum:  $\underline{40}$ Num:  $\underline{40}$ OutS:  $\underline{100000}$ InS:  $\underline{84528}$ Rate:  $\underline{0.845}$ UB:  $\underline{10}$ LB0:  $\underline{10}$ 

LBWithCut:  $\underline{\mathbf{10}}$ NodeCut:  $\underline{\mathbf{0}}$ 

LB: **10** 

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

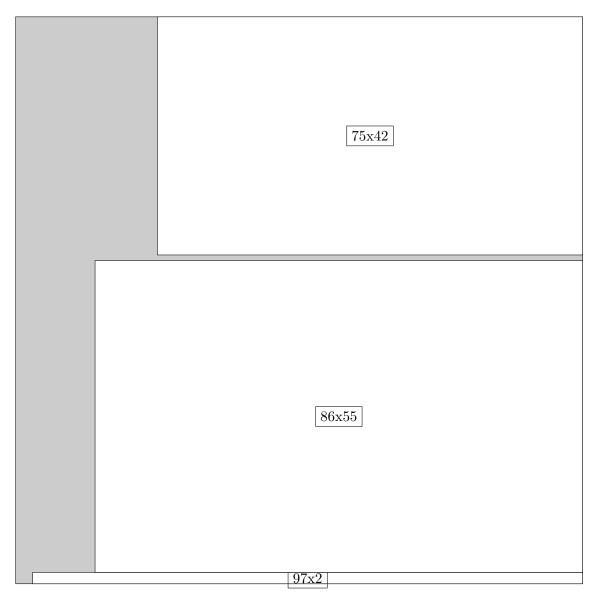
GenNodeCnt: 1
PrimalNode: 0
ColumnCount: 10
TotalCutCount: 0
RootCutCount: 0
LPSolverCnt: 1
PricingSolverCnt: 0
Branch And Bound Nu

Branch And<br/>Bound Num:  $\underline{\mathbf{1}}$ 

is Opt:  $\underline{\mathbf{true}}$ 

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

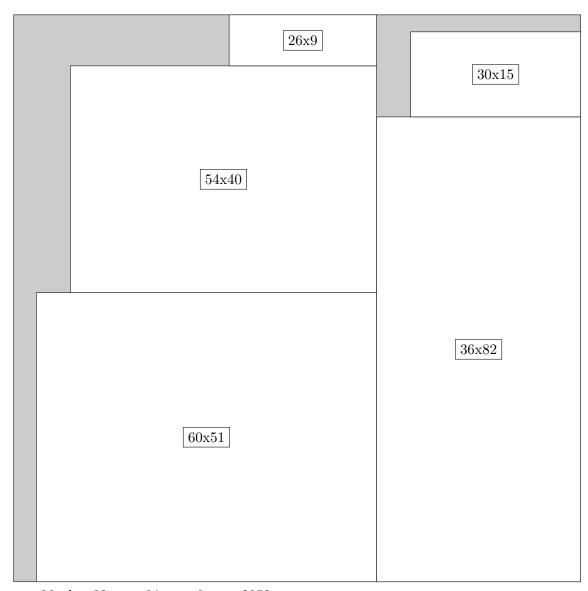
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.375 s



$$\le =97$$
 , h =2 , x =3 , y =0 , v =194

$$\le =86$$
 ,  $h=55$  ,  $x=14$  ,  $y=2$  ,  $v=4730$ 

$$w$$
 =75 ,  $h$  =42 ,  $x$  =25 ,  $y$  =58 ,  $v$  =3150



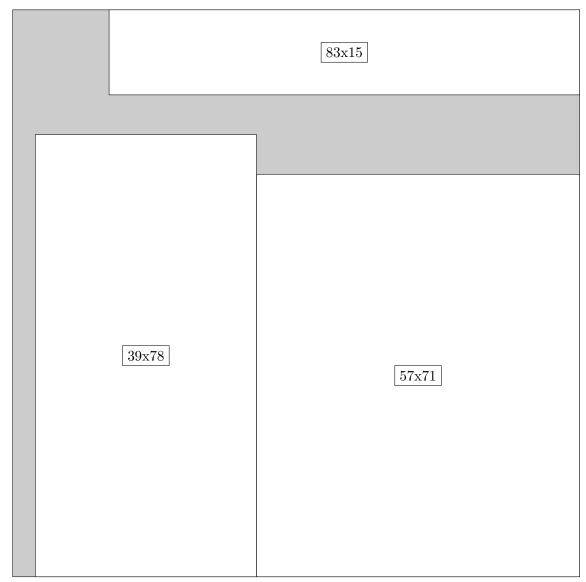
$$\le =36$$
 , h =82 , x =64 , y =0 , v =2952

$$\le =30$$
 ,  $h$  =15 ,  $x$  =70 ,  $y$  =82 ,  $v$  =450

$$\le =60$$
 ,  $h=\!51$  ,  $x=\!4$  ,  $y=\!0$  ,  $v=\!3060$ 

$$w$$
 =54 , h =40 , x =10 , y =51 , v =2160

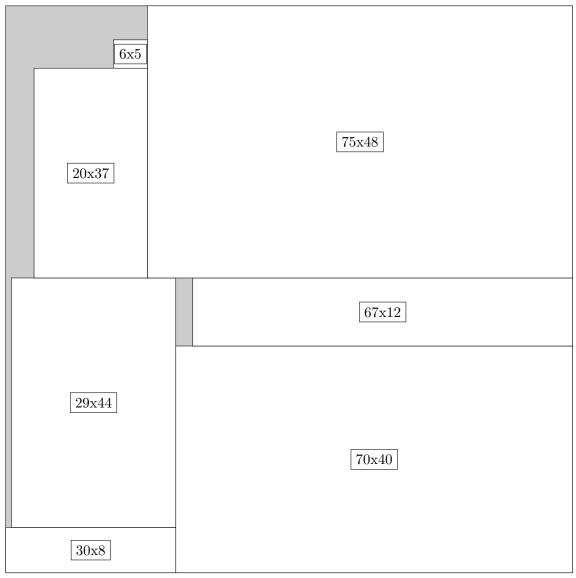
$$\mathbf{w}$$
 =26 , h =9 , x =38 , y =91 , v =234



$$\le 57$$
 , h =  
71 , x =  
43 , y =  
0 , v =  
4047

$$\le =39$$
 , h =78 , x =4 , y =0 , v =3042

$$\le =83$$
 , h =15 , x =17 , y =85 , v =1245



$$w$$
 =70 , h =40 , x =30 , y =0 , v =2800

$$w$$
 =67 ,  $h$  =12 ,  $x$  =33 ,  $y$  =40 ,  $v$  =804

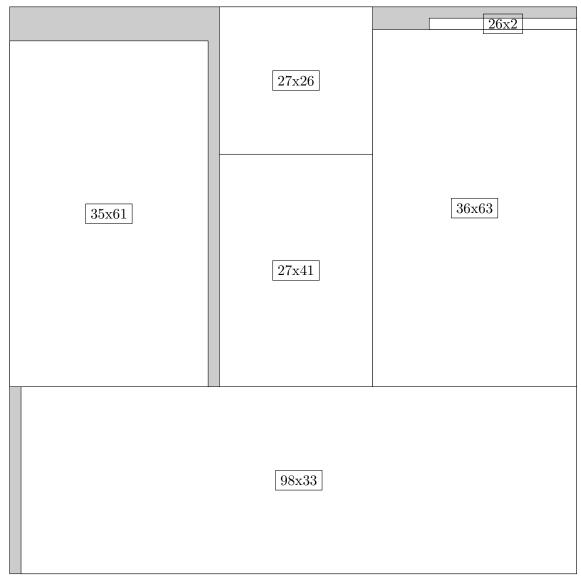
$$\le =30$$
 , h =8 , x =0 , y =0 , v =  
240

$$\le =29$$
 , h =44 , x =1 , y =8 , v =1276

$$\le =75$$
 , h =48 , x =25 , y =52 , v =3600

$$w$$
 =20 , h =37 , x =5 , y =52 , v =740

$$w$$
 =6 , h =5 , x =19 , y =89 , v =30



$$w = 98$$
,  $h = 33$ ,  $x = 2$ ,  $y = 0$ ,  $v = 3234$ 

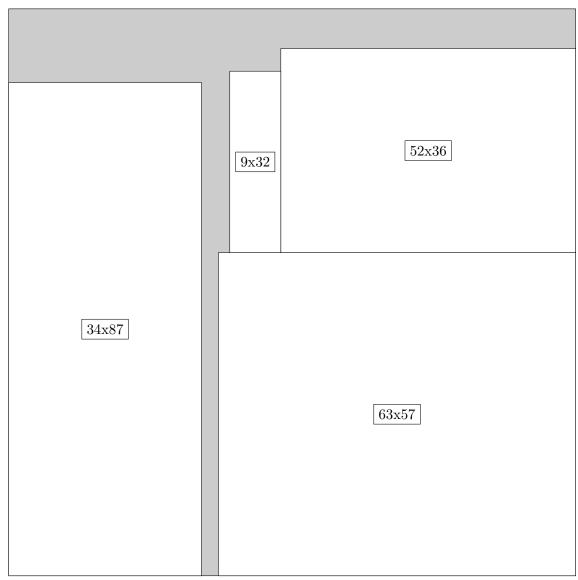
$$\le 36$$
 ,  $h$  =63 ,  $x$  =64 ,  $y$  =33 ,  $v$  =2268

$$\le =26$$
 , h =2 , x =74 , y =96 , v =52

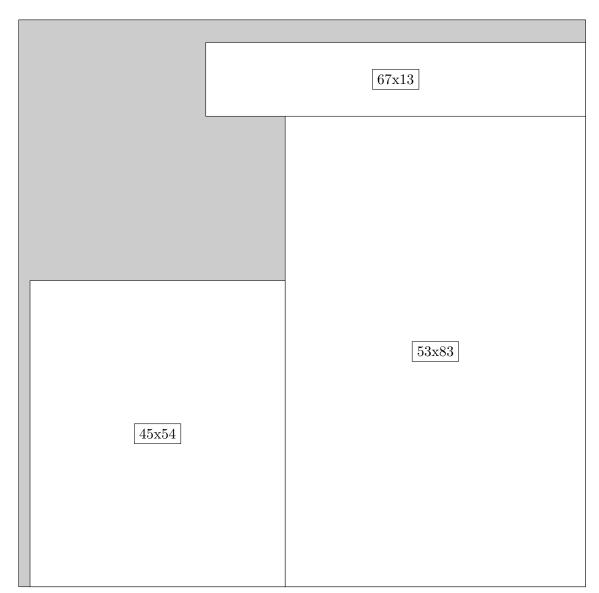
$$\le =27$$
 , h =41 , x =37 , y =33 , v =1107

$$\mathbf{w}$$
 =27 , h =26 , x =37 , y =74 , v =702

$$\le =35$$
 ,  $h=61$  ,  $x=0$  ,  $y=33$  ,  $v=2135$ 



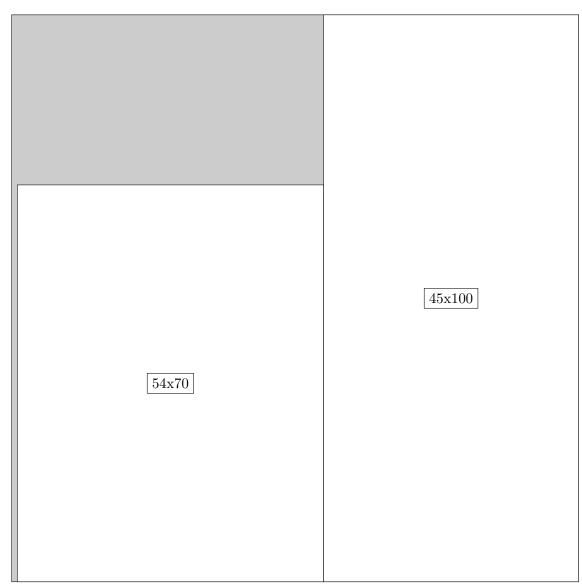
 $\begin{array}{l} w = \!63 \;, \; h = \!57 \;, \; x = \!37 \;, \; y = \!0 \;, \; v = \!3591 \\ w = \!52 \;, \; h = \!36 \;, \; x = \!48 \;, \; y = \!57 \;, \; v = \!1872 \\ w = \!9 \;, \; h = \!32 \;, \; x = \!39 \;, \; y = \!57 \;, \; v = \!288 \\ w = \!34 \;, \; h = \!87 \;, \; x = \!0 \;, \; y = \!0 \;, \; v = \!2958 \end{array}$ 



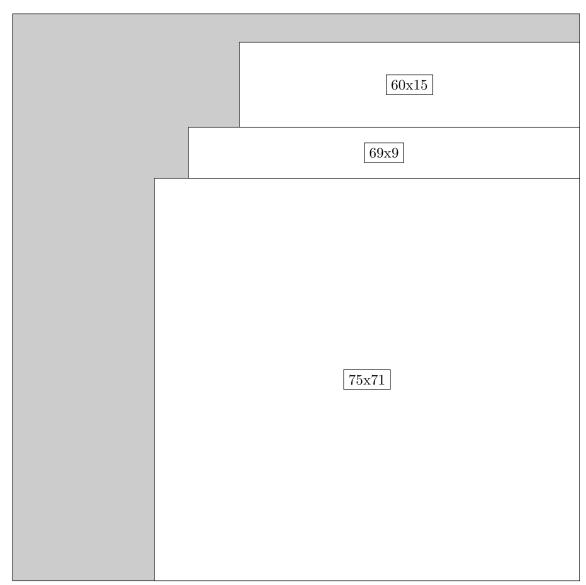
$$w = 53$$
,  $h = 83$ ,  $x = 47$ ,  $y = 0$ ,  $v = 4399$ 

$$\le =45$$
 , h =54 , x =2 , y =0 , v =2430

$$\le =67$$
 , h =13 , x =33 , y =83 , v =871



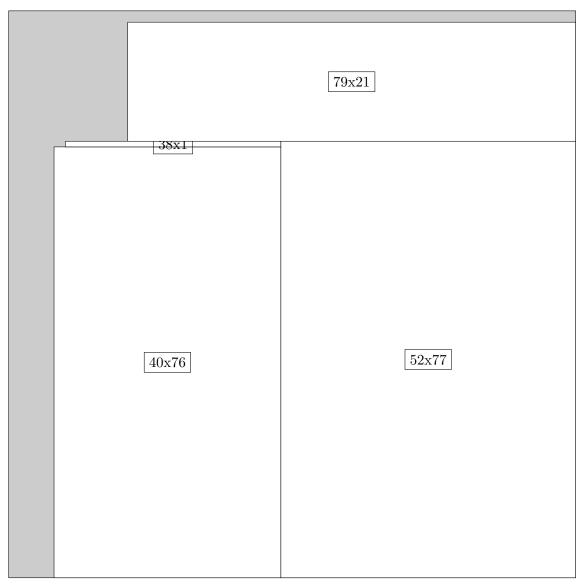
$$\begin{array}{l} w = \! 45 \ , \, h = \! 100 \ , \, x = \! 55 \ , \, y = \! 0 \ , \, v = \! 4500 \\ w = \! 54 \ , \, h = \! 70 \ , \, x = \! 1 \ , \, y = \! 0 \ , \, v = \! 3780 \\ \end{array}$$



$$\le =75$$
 , h =71 , x =25 , y =0 , v =5325

$$\mathbf{w}$$
 =69 , h =9 , x =31 , y =71 , v =621

$$\le =60$$
 ,  $h$  =15 ,  $x$  =40 ,  $y$  =80 ,  $v$  =900



$$\le =52$$
 ,  $h$  =77 ,  $x$  =48 ,  $y$  =0 ,  $v$  =4004

$$\le =40$$
 ,  $h$  =76 ,  $x$  =8 ,  $y$  =0 ,  $v$  =3040

$$\le 38$$
 , h =1 , x =10 , y =76 , v =38

$$\mathbf{w}$$
 =79 , h =21 , x =21 , y =77 , v =1659