${\bf ClassName:}~{\bf Class\_10.2bp\text{-}30}$ 

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

TypeNum: 80
Num: 80
OutS: 130000
InS: 117391
Rate: 0.903
UB: 13
LB0: 12

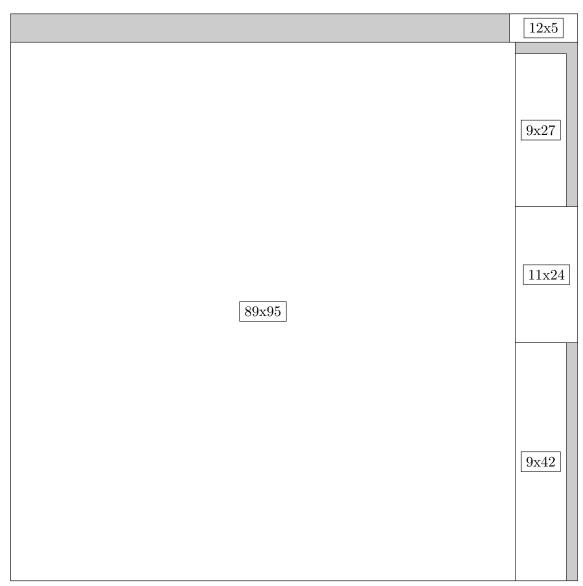
LB: **13** 

LBWithCut:  $\underline{\mathbf{13}}$  NodeCut:  $\underline{\mathbf{0}}$  PrimalNode:  $\underline{\mathbf{0}}$  ColumnCount:  $\underline{\mathbf{84}}$  TotalCutCount:  $\underline{\mathbf{0}}$  RootCutCount:  $\underline{\mathbf{0}}$  LPSolverCnt:  $\underline{\mathbf{71}}$  PricingSolverCnt:  $\underline{\mathbf{71}}$  BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

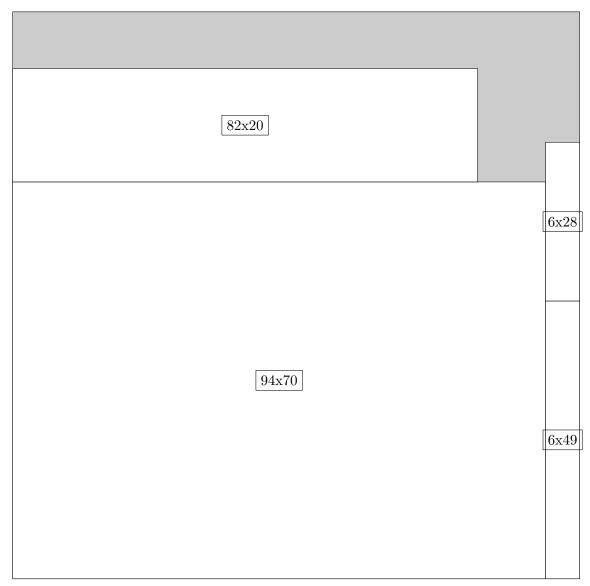
isOpt: false

 $\begin{array}{ll} {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{3600.665 \ s} \end{array}$ 

TimeOnRmp:  $\underline{0.095 \text{ s}}$  TotalTime:  $\underline{3600.839 \text{ s}}$ 



 $\begin{array}{l} w = \! 89 \;,\; h = \! 95 \;,\; x = \! 0 \;,\; y = \! 0 \;,\; v = \! 8455 \\ w = \! 9 \;,\; h = \! 42 \;,\; x = \! 89 \;,\; y = \! 0 \;,\; v = \! 378 \\ w = \! 11 \;,\; h = \! 24 \;,\; x = \! 89 \;,\; y = \! 42 \;,\; v = \! 264 \\ w = \! 9 \;,\; h = \! 27 \;,\; x = \! 89 \;,\; y = \! 66 \;,\; v = \! 243 \\ w = \! 12 \;,\; h = \! 5 \;,\; x = \! 88 \;,\; y = \! 95 \;,\; v = \! 60 \end{array}$ 

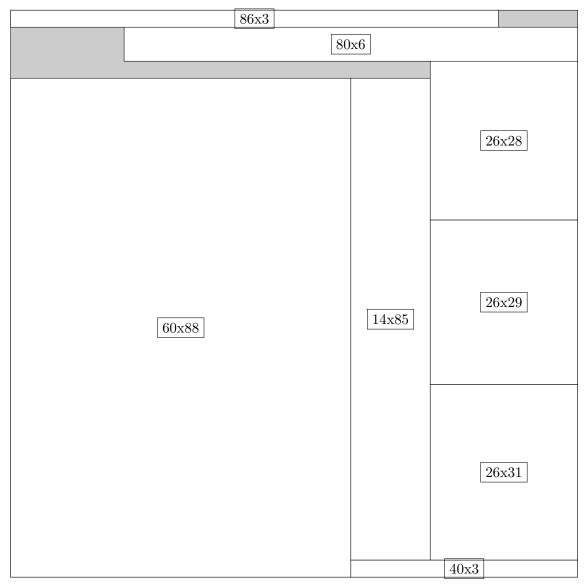


$$\mathbf{w}$$
 =94 , h =70 , x =0 , y =0 , v =6580

$$\le =82$$
 , h =20 , x =0 , y =70 , v =1640

$$\le =6$$
 , h =49 , x =94 , y =0 , v =294

$$\mathbf{w}$$
 =6 , h =28 , x =94 , y =49 , v =168



$$\le =60$$
 ,  $h=88$  ,  $x=0$  ,  $y=0$  ,  $v=5280$ 

$$w = 14$$
,  $h = 85$ ,  $x = 60$ ,  $y = 3$ ,  $v = 1190$ 

$$w$$
 =26 , h =31 , x =74 , y =3 , v =806

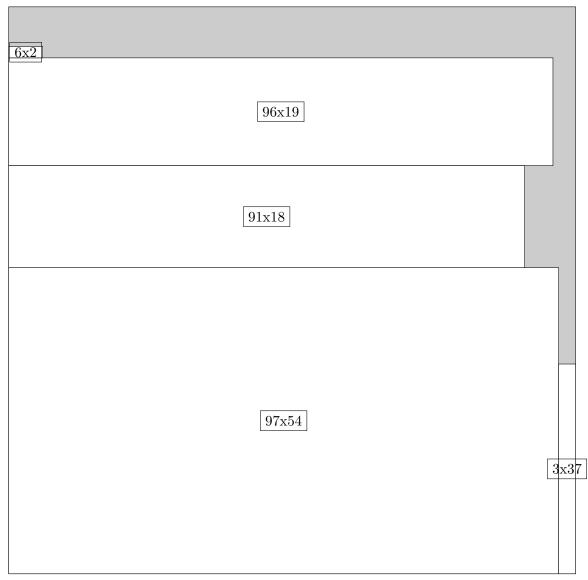
$$w$$
 =26 , h =29 , x =74 , y =34 , v =754

$$\le =26$$
 ,  $h=28$  ,  $x=74$  ,  $y=63$  ,  $v=728$ 

$$w$$
 =80 , h =6 , x =20 , y =91 , v =480

$$\le =86$$
 ,  $h=3$  ,  $x=0$  ,  $y=97$  ,  $v=258$ 

$$w = 40$$
,  $h = 3$ ,  $x = 60$ ,  $y = 0$ ,  $v = 120$ 



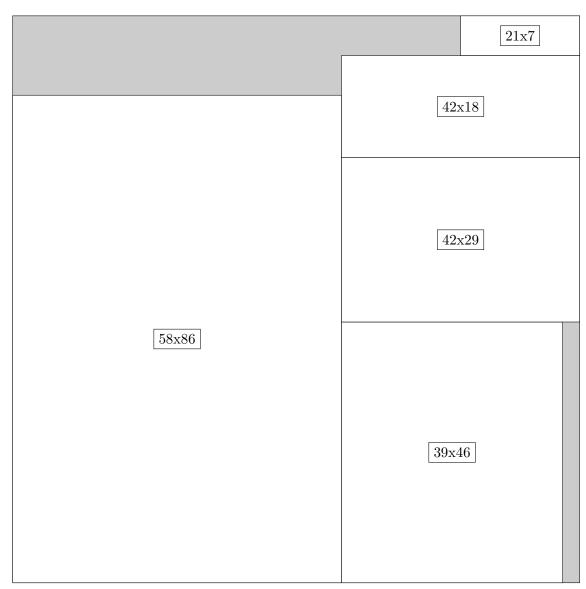
$$w = 97$$
,  $h = 54$ ,  $x = 0$ ,  $y = 0$ ,  $v = 5238$ 

$$\le =96$$
 ,  $h=19$  ,  $x=0$  ,  $y=72$  ,  $v=1824$ 

$$\le =91$$
 , h =18 , x =0 , y =54 , v =1638

$$\mathbf{w}$$
 =3 , h =37 , x =97 , y =0 , v =111

$$\mathbf{w}=\!6$$
 ,  $\mathbf{h}=\!2$  ,  $\mathbf{x}=\!0$  ,  $\mathbf{y}=\!91$  ,  $\mathbf{v}=\!12$ 



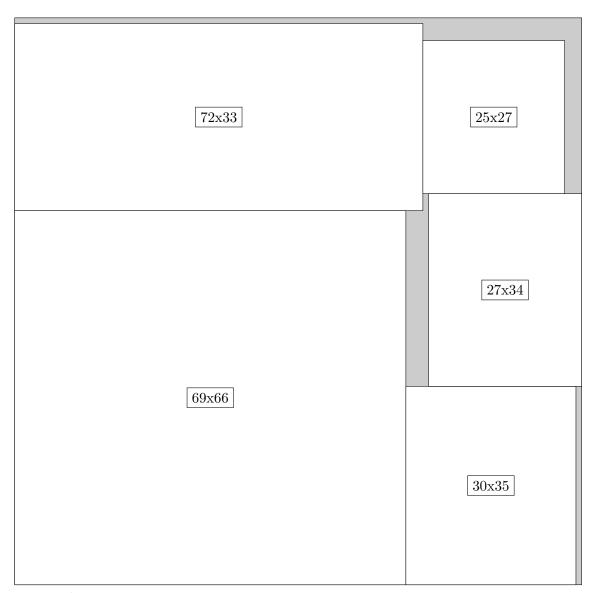
$$w = 39$$
,  $h = 46$ ,  $x = 58$ ,  $y = 0$ ,  $v = 1794$ 

$$\le =58$$
 , h =  
86 , x =0 , y =  
0 , v =  
4988

$$\le =42$$
 ,  $h=29$  ,  $x=58$  ,  $y=46$  ,  $v=1218$ 

$$\le =42$$
 ,  $h=18$  ,  $x=58$  ,  $y=75$  ,  $v=756$ 

$$w$$
 =21 , h =7 , x =79 , y =93 , v =147



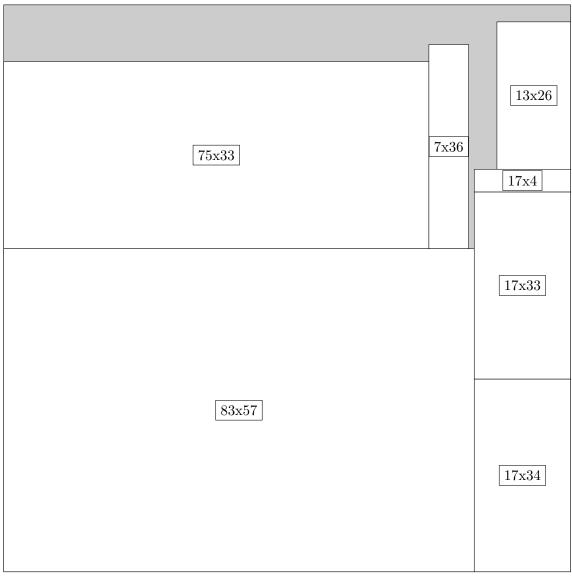
$$\le =69$$
 , h =66 , x =0 , y =0 , v =4554

$$w = 72$$
,  $h = 33$ ,  $x = 0$ ,  $y = 66$ ,  $v = 2376$ 

$$\le 30$$
 , h =  
35 , x =  
69 , y =  
0 , v =  
1050

$$w$$
 =27 , h =34 , x =73 , y =35 , v =918

$$\le =25$$
 , h =27 , x =72 , y =69 , v =675



$$w = 83$$
,  $h = 57$ ,  $x = 0$ ,  $y = 0$ ,  $v = 4731$ 

$$w$$
 =75 , h =33 , x =0 , y =57 , v =2475

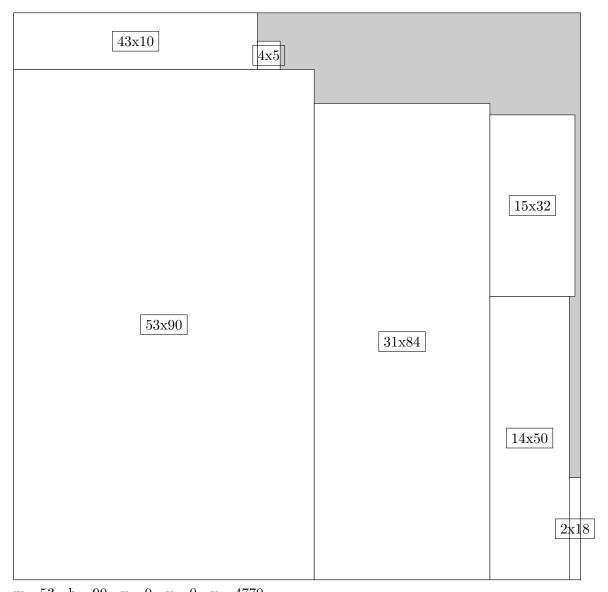
$$w = 17$$
,  $h = 34$ ,  $x = 83$ ,  $y = 0$ ,  $v = 578$ 

$$\le =17$$
 , h =33 , x =83 , y =34 , v =561

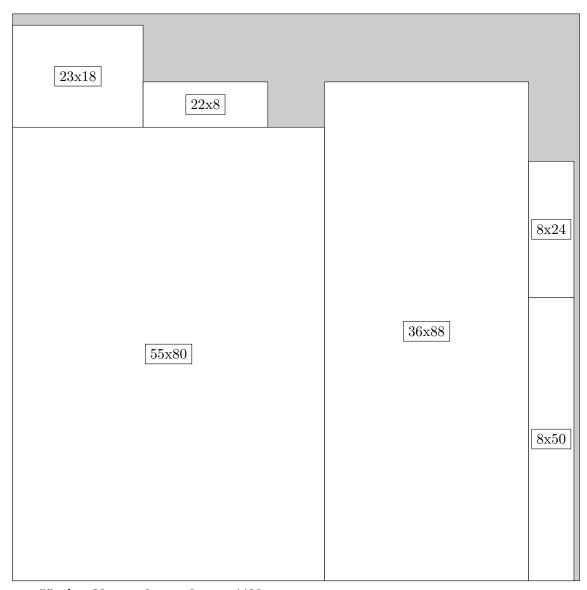
$$\le =13$$
 ,  $h=26$  ,  $x=87$  ,  $y=71$  ,  $v=338$ 

$$w$$
 =7 , h =36 , x =75 , y =57 , v =252

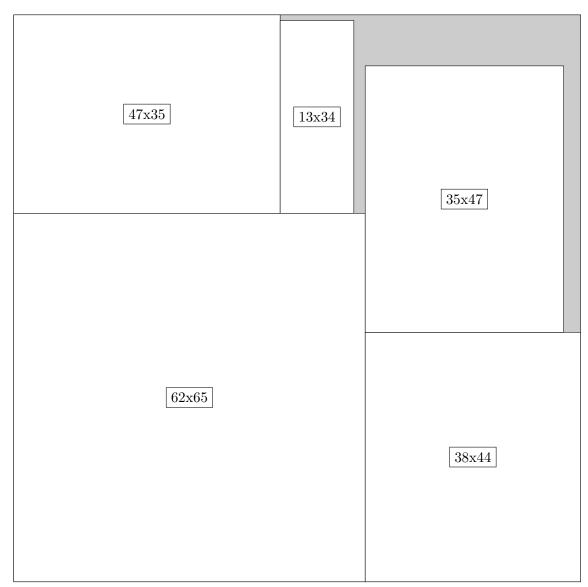
$$\le =17$$
 , h =4 , x =83 , y =67 , v =68



$$\begin{array}{l} w=53 \ , \ h=90 \ , \ x=0 \ , \ y=0 \ , \ v=4770 \\ w=31 \ , \ h=84 \ , \ x=53 \ , \ y=0 \ , \ v=2604 \\ w=14 \ , \ h=50 \ , \ x=84 \ , \ y=0 \ , \ v=700 \\ w=15 \ , \ h=32 \ , \ x=84 \ , \ y=50 \ , \ v=480 \\ w=43 \ , \ h=10 \ , \ x=0 \ , \ y=90 \ , \ v=430 \\ w=2 \ , \ h=18 \ , \ x=98 \ , \ y=0 \ , \ v=36 \\ w=4 \ , \ h=5 \ , \ x=43 \ , \ y=90 \ , \ v=20 \end{array}$$



$$\begin{array}{l} w = \!55 \;,\; h = \!80 \;,\; x = \!0 \;,\; y = \!0 \;,\; v = \!4400 \\ w = \!36 \;,\; h = \!88 \;,\; x = \!55 \;,\; y = \!0 \;,\; v = \!3168 \\ w = \!23 \;,\; h = \!18 \;,\; x = \!0 \;,\; y = \!80 \;,\; v = \!414 \\ w = \!8 \;,\; h = \!50 \;,\; x = \!91 \;,\; y = \!0 \;,\; v = \!400 \\ w = \!8 \;,\; h = \!24 \;,\; x = \!91 \;,\; y = \!50 \;,\; v = \!192 \\ w = \!22 \;,\; h = \!8 \;,\; x = \!23 \;,\; y = \!80 \;,\; v = \!176 \end{array}$$



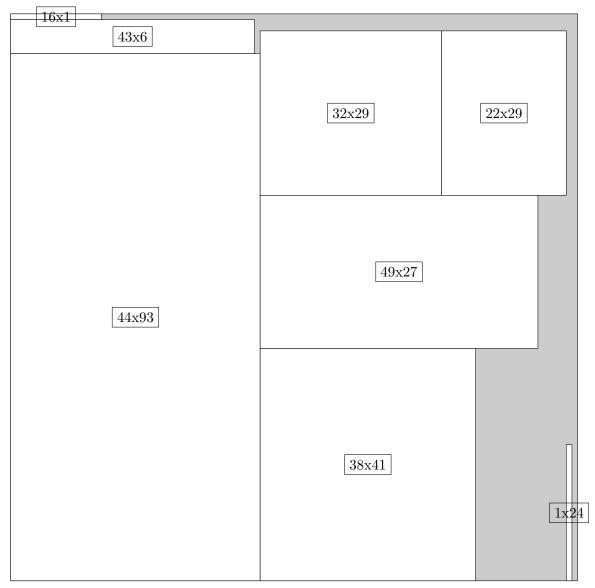
$$\mathbf{w}$$
 =62 , h =65 , x =0 , y =0 , v =4030

$$\le =38$$
 , h =44 , x =62 , y =0 , v =1672

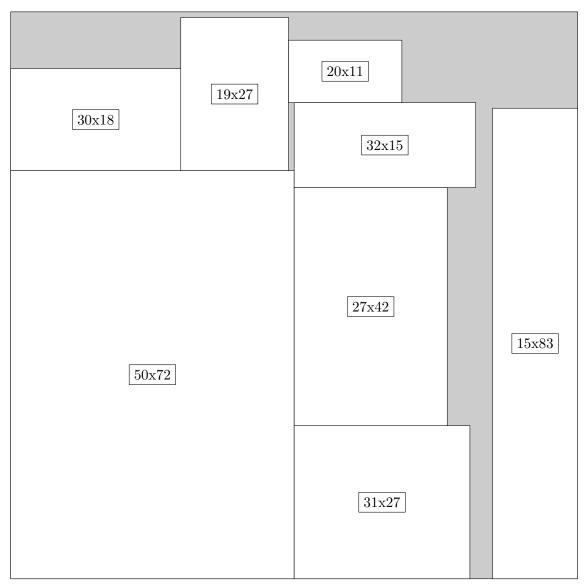
$$\le =47$$
 , h =35 , x =0 , y =65 , v =1645

$$\le =35$$
 , h =47 , x =62 , y =44 , v =1645

$$\le =13$$
 , h =34 , x =47 , y =65 , v =442



$$\begin{array}{l} w = 44 \; , \; h = 93 \; , \; x = 0 \; , \; y = 0 \; , \; v = 4092 \\ w = 38 \; , \; h = 41 \; , \; x = 44 \; , \; y = 0 \; , \; v = 1558 \\ w = 49 \; , \; h = 27 \; , \; x = 44 \; , \; y = 41 \; , \; v = 1323 \\ w = 32 \; , \; h = 29 \; , \; x = 44 \; , \; y = 68 \; , \; v = 928 \\ w = 22 \; , \; h = 29 \; , \; x = 76 \; , \; y = 68 \; , \; v = 638 \\ w = 43 \; , \; h = 6 \; , \; x = 0 \; , \; y = 93 \; , \; v = 258 \\ w = 1 \; , \; h = 24 \; , \; x = 98 \; , \; y = 0 \; , \; v = 24 \\ w = 16 \; , \; h = 1 \; , \; x = 0 \; , \; y = 99 \; , \; v = 16 \end{array}$$



$$w = 50$$
,  $h = 72$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3600$ 

$$w=\!31$$
 ,  $h=\!27$  ,  $x=\!50$  ,  $y=\!0$  ,  $v=\!837$ 

$$w=\!27$$
 ,  $h=\!42$  ,  $x=\!50$  ,  $y=\!27$  ,  $v=\!1134$ 

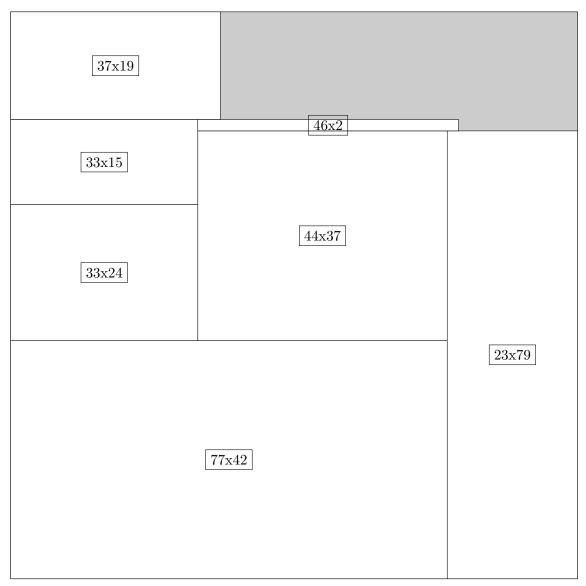
$$w = 15$$
,  $h = 83$ ,  $x = 85$ ,  $y = 0$ ,  $v = 1245$ 

$$\le =30$$
 ,  $h=18$  ,  $x=0$  ,  $y=72$  ,  $v=540$ 

$$w=\!19$$
 ,  $h=\!27$  ,  $x=\!30$  ,  $y=\!72$  ,  $v=\!513$ 

$$w = 32$$
,  $h = 15$ ,  $x = 50$ ,  $y = 69$ ,  $v = 480$ 

$$\le =20$$
 ,  $h$  =11 ,  $x$  =49 ,  $y$  =84 ,  $v$  =220



$$w = 77$$
,  $h = 42$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3234$ 

$$w$$
 =23 ,  $h$  =79 ,  $x$  =77 ,  $y$  =0 ,  $v$  =1817

$$\le =44$$
 , h =37 , x =33 , y =42 , v =1628

$$\le =33$$
 , h =24 , x =0 , y =42 , v =792

$$\le =37$$
 ,  $h=19$  ,  $x=0$  ,  $y=81$  ,  $v=703$ 

$$\le =33$$
 ,  $h=15$  ,  $x=0$  ,  $y=66$  ,  $v=495$ 

$$\mathbf{w}$$
 =46 , h =2 , x =33 , y =79 , v =92