$ClassName: \ Class\_10.2bp-11$ 

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

TypeNum:  $\underline{40}$ Num:  $\underline{40}$ OutS:  $\underline{80000}$ InS:  $\underline{66055}$ Rate:  $\underline{0.826}$ 

UB: <u>8</u> LB0: <u>7</u> LB: 8

LBWithCut:  $\underline{\mathbf{8}}$  NodeCut:  $\underline{\mathbf{0}}$ 

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

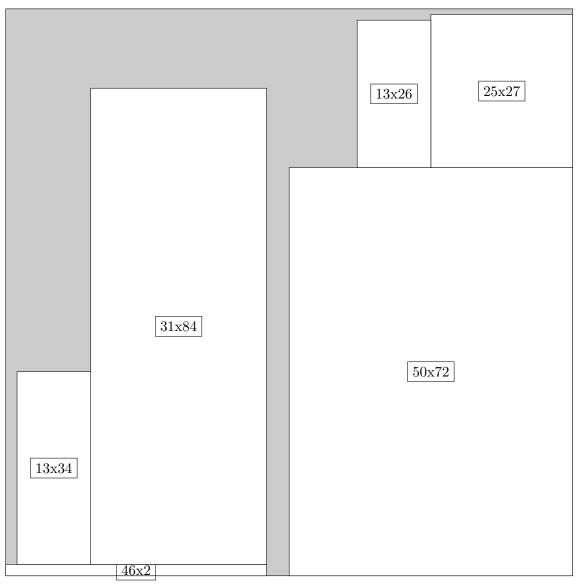
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{34}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{27}}$ PricingSolverCnt:  $\underline{\mathbf{27}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

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

TimeOnPrimal: <u>0.000 s</u>
TimeOnPricing: <u>2999.617 s</u>

TimeOnRmp:  $\underline{0.093}$  s TotalTime:  $\underline{3599.992}$  s



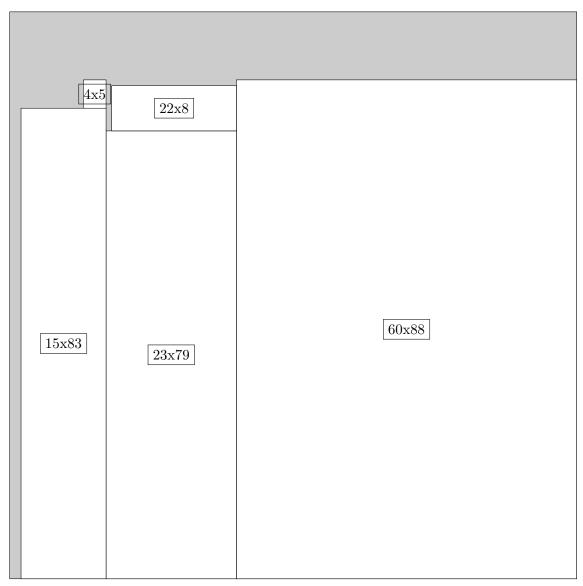
$$\begin{array}{l} w = \! 50 \ , \ h = \! 72 \ , \ x = \! 50 \ , \ y = \! 0 \ , \ v = \! 3600 \\ w = \! 25 \ , \ h = \! 27 \ , \ x = \! 75 \ , \ y = \! 72 \ , \ v = \! 675 \end{array}$$

$$\le =13$$
 ,  $h=26$  ,  $x=62$  ,  $y=72$  ,  $v=338$ 

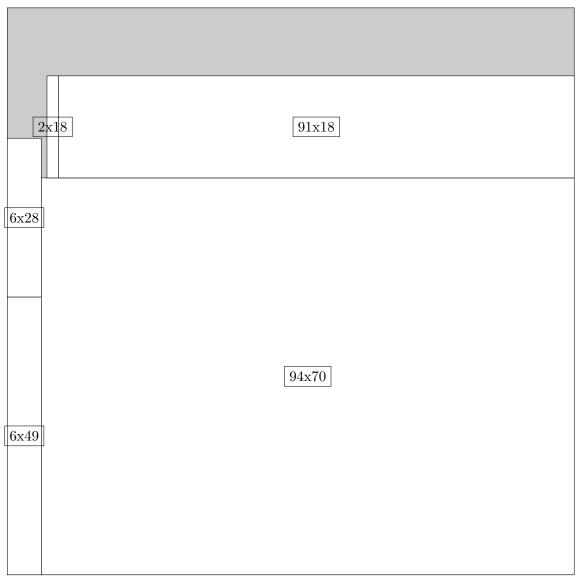
$$w = 46$$
,  $h = 2$ ,  $x = 0$ ,  $y = 0$ ,  $v = 92$ 

$$\le =31$$
 , h =84 , x =15 , y =2 , v =2604

$$\le =13$$
 , h =34 , x =2 , y =2 , v =442



$$\begin{array}{l} w=60 \ , \ h=88 \ , \ x=40 \ , \ y=0 \ , \ v=5280 \\ w=23 \ , \ h=79 \ , \ x=17 \ , \ y=0 \ , \ v=1817 \\ w=22 \ , \ h=8 \ , \ x=18 \ , \ y=79 \ , \ v=176 \\ w=15 \ , \ h=83 \ , \ x=2 \ , \ y=0 \ , \ v=1245 \\ w=4 \ , \ h=5 \ , \ x=13 \ , \ y=83 \ , \ v=20 \end{array}$$



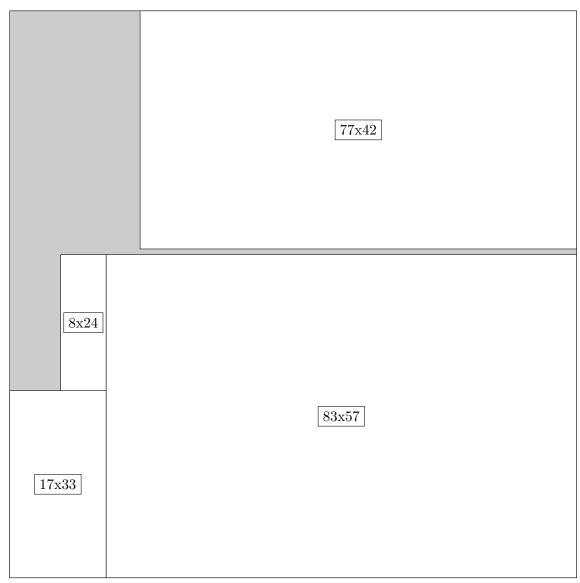
$$w = 94 \; , \; h = 70 \; , \; x = 6 \; , \; y = 0 \; , \; v = 6580 \;$$

$$\le =91$$
 ,  $h$  =18 ,  $x$  =9 ,  $y$  =70 ,  $v$  =1638

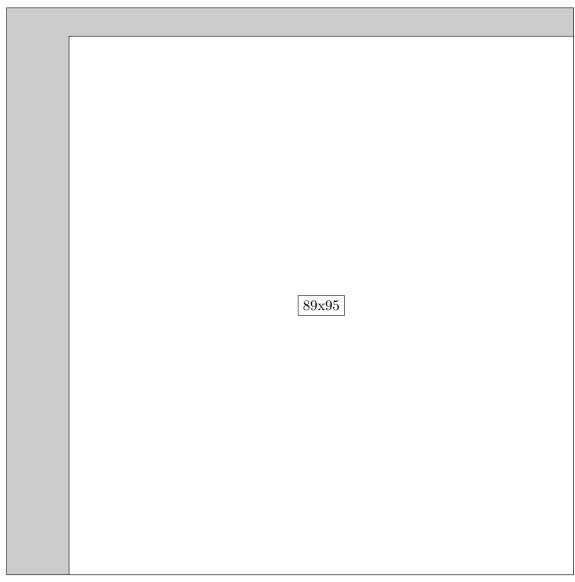
$$\le =2$$
 , h =18 , x =7 , y =70 , v =36

$$w = 6$$
,  $h = 49$ ,  $x = 0$ ,  $y = 0$ ,  $v = 294$ 

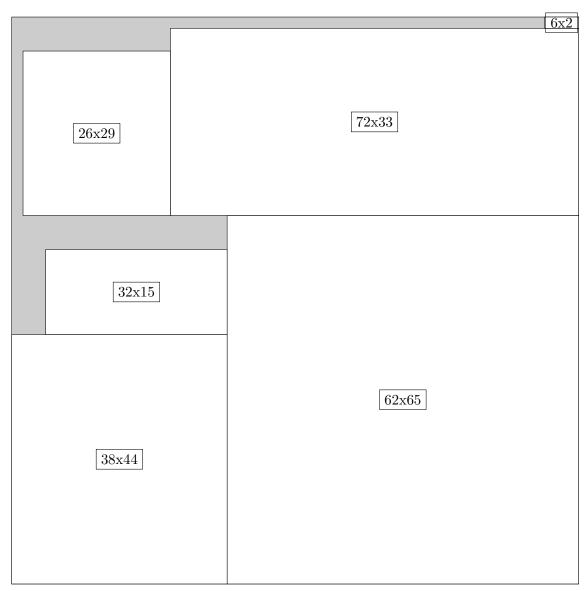
$$w = 6$$
,  $h = 28$ ,  $x = 0$ ,  $y = 49$ ,  $v = 168$ 



$$\begin{array}{l} w = \! 83 \;, \; h = \! 57 \;, \; x = \! 17 \;, \; y = \! 0 \;, \; v = \! 4731 \\ w = \! 17 \;, \; h = \! 33 \;, \; x = \! 0 \;, \; y = \! 0 \;, \; v = \! 561 \\ w = \! 8 \;, \; h = \! 24 \;, \; x = \! 9 \;, \; y = \! 33 \;, \; v = \! 192 \\ w = \! 77 \;, \; h = \! 42 \;, \; x = \! 23 \;, \; y = \! 58 \;, \; v = \! 3234 \end{array}$$



 $\le =89$  , h =95 , x =11 , y =0 , v = 8455



$$\le =62$$
 ,  $h=65$  ,  $x=38$  ,  $y=0$  ,  $v=4030$ 

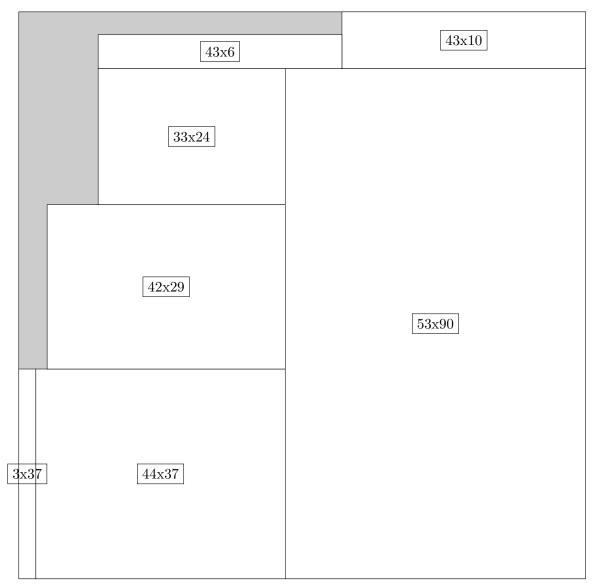
$$\le =38$$
 , h =44 , x =0 , y =0 , v =1672

$$\le =32$$
 , h =15 , x =6 , y =44 , v =480

$$\le =72$$
 , h =33 , x =28 , y =65 , v =2376

$$w = 6$$
,  $h = 2$ ,  $x = 94$ ,  $y = 98$ ,  $v = 12$ 

$$\le =26$$
 , h =29 , x =2 , y =65 , v =754



$$\le =44$$
 ,  $h=37$  ,  $x=3$  ,  $y=0$  ,  $v=1628$ 

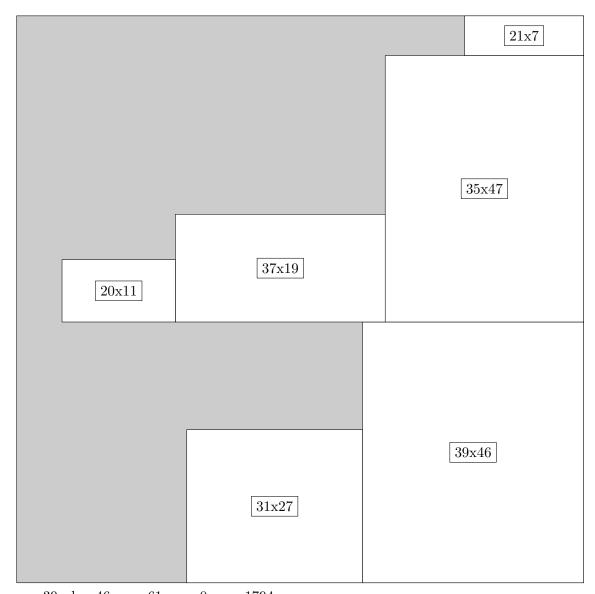
$$\mathbf{w}=\!3$$
 ,  $\mathbf{h}=\!\!37$  ,  $\mathbf{x}=\!\!0$  ,  $\mathbf{y}=\!\!0$  ,  $\mathbf{v}=\!\!111$ 

$$\le =42$$
 , h =29 , x =5 , y =37 , v =1218

$$\le =33$$
 , h =24 , x =14 , y =66 , v =792

$$w = 43$$
,  $h = 10$ ,  $x = 57$ ,  $y = 90$ ,  $v = 430$ 

$$\le =43$$
 ,  $h=6$  ,  $x=14$  ,  $y=90$  ,  $v=258$ 



$$\le =39$$
 , h =46 , x =61 , y =0 , v =1794

$$w=\!31$$
 ,  $h=\!27$  ,  $x=\!30$  ,  $y=\!0$  ,  $v=\!837$ 

$$\le =35$$
 , h =47 , x =65 , y =46 , v =1645

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

$$w=\!37$$
 ,  $h=\!19$  ,  $x=\!28$  ,  $y=\!46$  ,  $v=\!703$ 

$$\le =20$$
 ,  $h=11$  ,  $x=8$  ,  $y=46$  ,  $v=220$