$ClassName: \ Class\_05.2bp-34$ 

BinSize:  $100 \times 100$ ReduceSize:  $100 \times 100$ 

TypeNum: 80 Num: **80** OutS: **230000** InS: 196226Rate: 0.853UB: **23** 

LB0: **22** LB: **23** 

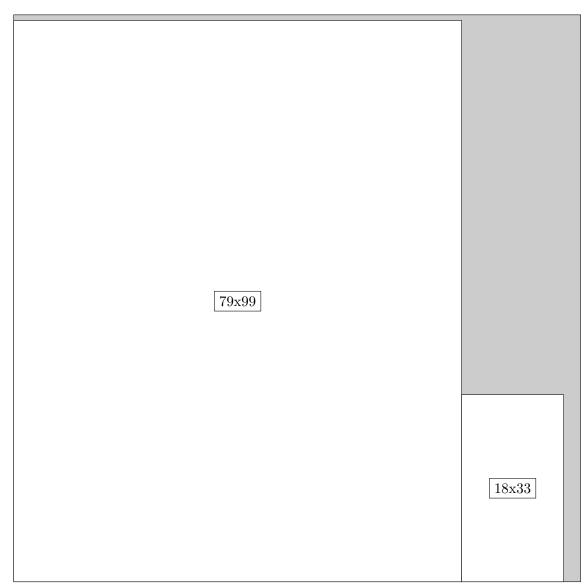
LBWithCut: 23 NodeCut: **0** 

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

GenNodeCnt:  $\mathbf{1}$ PrimalNode:  $\mathbf{0}$ ColumnCount: 85  $TotalCutCount: \ \mathbf{0}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt: 63 PricingSolverCnt: 63 BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

TimeOnPrimal: 0.000 sTimeOnPricing: 11.453 sTimeOnRmp: 0.125 sTotal Time: 11.688 s



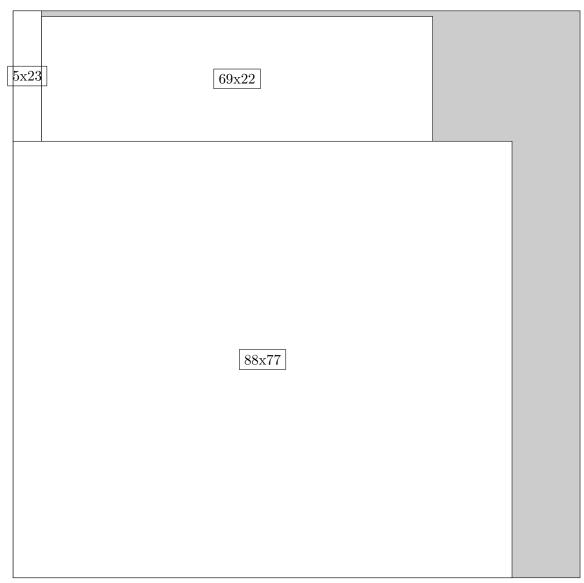
69x9	30x15
81x85	18x75

$$\le =81$$
 ,  $\le =85$  ,  $\ge =0$  ,  $\ge =0$  ,  $\ge =6885$ 

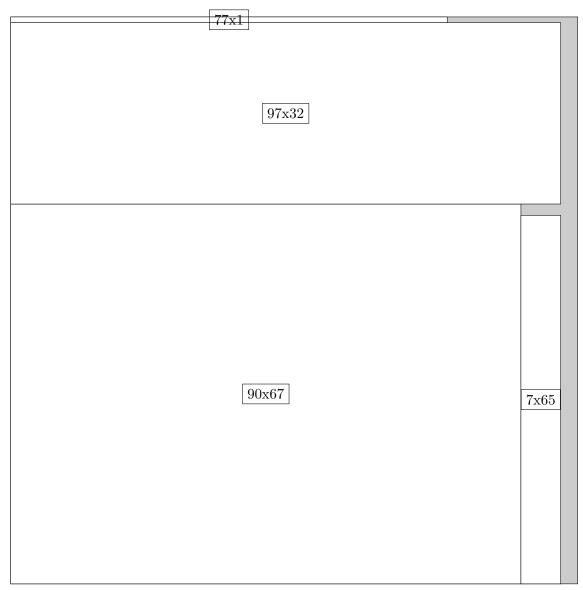
$$\le =18$$
 ,  $h$  =75 ,  $x$  =81 ,  $y$  =0 ,  $v$  =1350

$$\le =69$$
 , h =9 , x =0 , y =85 , v =621

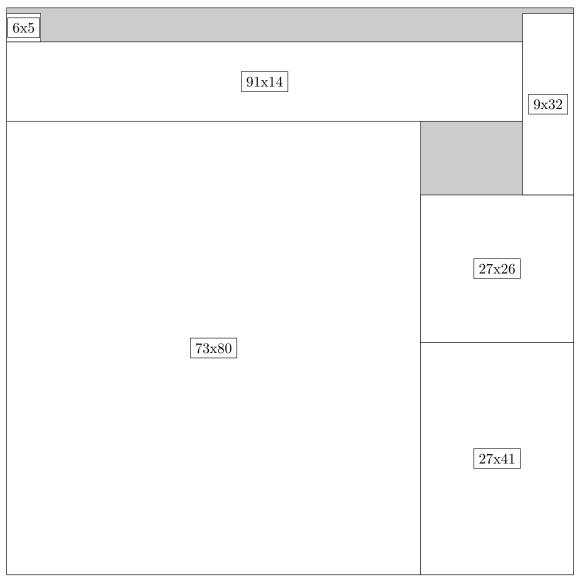
$$\le =30$$
 ,  $h$  =15 ,  $x$  =70 ,  $y$  =85 ,  $v$  =450



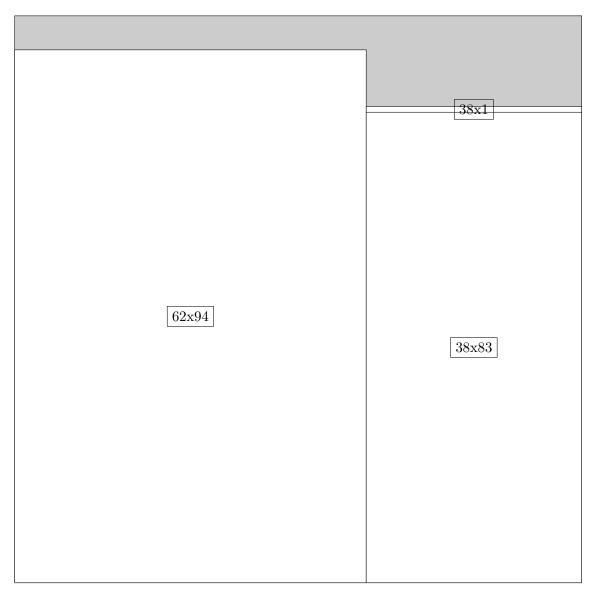
$$\begin{array}{l} w = \! 88 \; , \; h = \! 77 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 6776 \\ w = \! 69 \; , \; h = \! 22 \; , \; x = \! 5 \; , \; y = \! 77 \; , \; v = \! 1518 \\ w = \! 5 \; , \; h = \! 23 \; , \; x = \! 0 \; , \; y = \! 77 \; , \; v = \! 115 \end{array}$$



$$\begin{array}{l} w = \! 90 \ , \ h = \! 67 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6030 \\ w = \! 97 \ , \ h = \! 32 \ , \ x = \! 0 \ , \ y = \! 67 \ , \ v = \! 3104 \\ w = \! 7 \ , \ h = \! 65 \ , \ x = \! 90 \ , \ y = \! 0 \ , \ v = \! 455 \\ w = \! 77 \ , \ h = \! 1 \ , \ x = \! 0 \ , \ y = \! 99 \ , \ v = \! 77 \end{array}$$



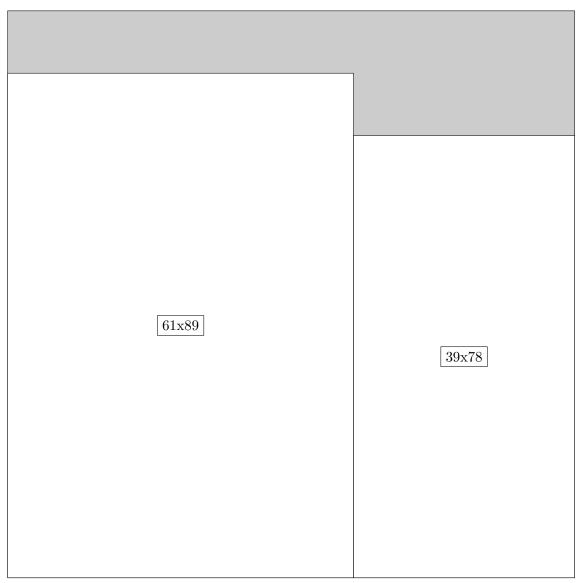
$$\begin{array}{l} w=73 \ , \ h=80 \ , \ x=0 \ , \ y=0 \ , \ v=5840 \\ w=91 \ , \ h=14 \ , \ x=0 \ , \ y=80 \ , \ v=1274 \\ w=27 \ , \ h=41 \ , \ x=73 \ , \ y=0 \ , \ v=1107 \\ w=27 \ , \ h=26 \ , \ x=73 \ , \ y=41 \ , \ v=702 \\ w=9 \ , \ h=32 \ , \ x=91 \ , \ y=67 \ , \ v=288 \\ w=6 \ , \ h=5 \ , \ x=0 \ , \ y=94 \ , \ v=30 \end{array}$$



w = 62, h = 94, x = 0, y = 0, v = 5828

 $\le =38$  , h =83 , x =62 , y =0 , v =3154

 $\le =38$  , h =1 , x =62 , y =83 , v =38

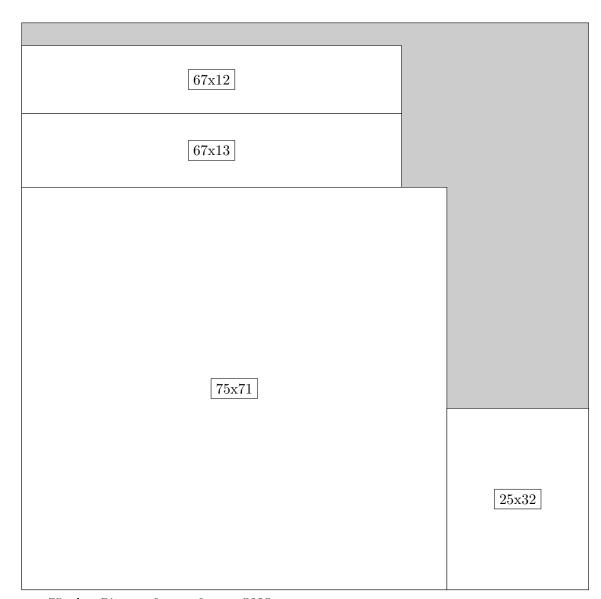


70x40	24x41
$92 \mathrm{x} 59$	

$$w = 92$$
,  $h = 59$ ,  $x = 0$ ,  $y = 0$ ,  $v = 5428$ 

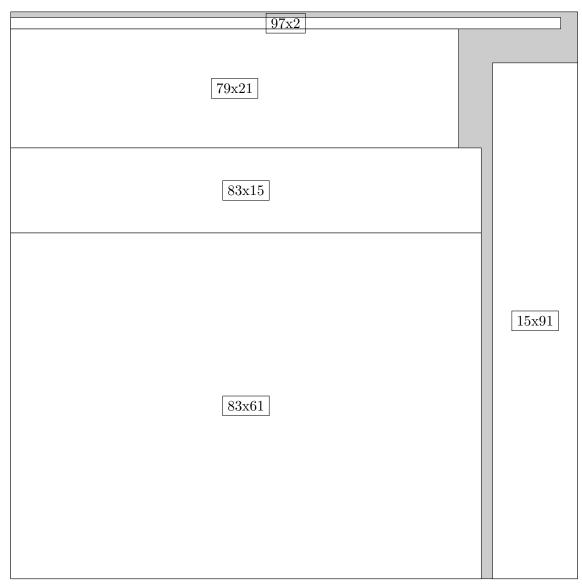
$$\le =70$$
 , h =40 , x =0 , y =59 , v =2800

$$\le =24$$
 , h =41 , x =76 , y =59 , v =984



$$\begin{array}{l} w = \!\!\! 75 \ , \ h = \!\!\! 71 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 5325 \\ w = \!\!\! 67 \ , \ h = \!\!\! 13 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 71 \ , \ v = \!\!\! 871 \\ w = \!\!\! 67 \ , \ h = \!\!\! 12 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 84 \ , \ v = \!\!\! 804 \end{array}$$

 $\le =25$  , h =32 , x =75 , y =0 , v =800



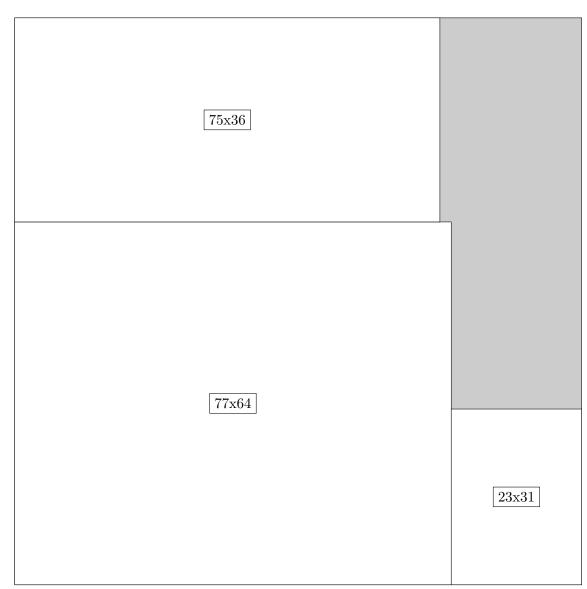
$$w = 79$$
,  $h = 21$ ,  $x = 0$ ,  $y = 76$ ,  $v = 1659$ 

$$\le =15$$
 , h =91 , x =85 , y =0 , v =1365

$$\le =83$$
 ,  $h$  =15 ,  $x$  =0 ,  $y$  =61 ,  $v$  =1245

$$\le =83$$
 ,  $h$  =61 ,  $x$  =0 ,  $y$  =0 ,  $v$  =5063

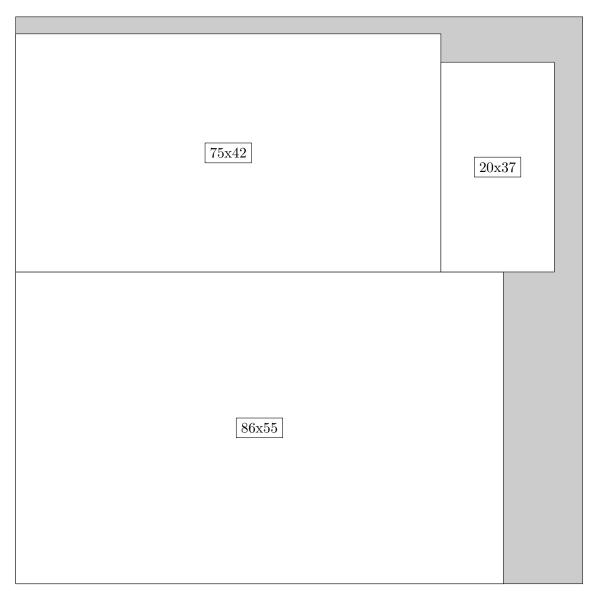
$$w = 97$$
,  $h = 2$ ,  $x = 0$ ,  $y = 97$ ,  $v = 194$ 



$$\le =77$$
 , h =64 , x =0 , y =0 , v =4928

$$\le =75$$
 , h =36 , x =0 , y =64 , v =2700

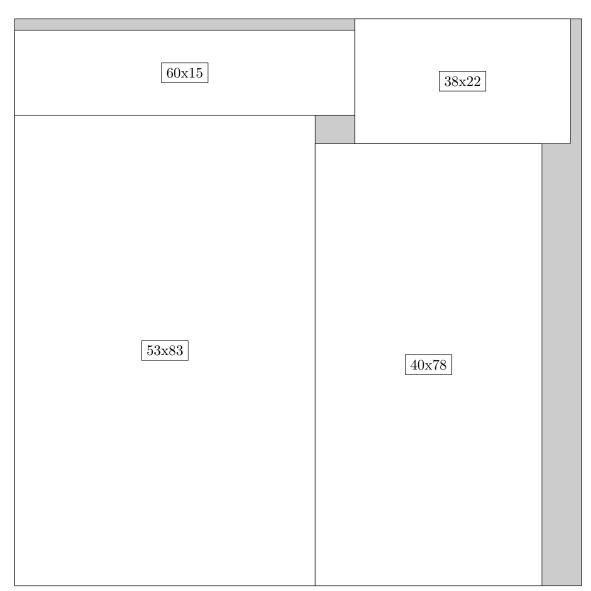
$$\le =23$$
 , h =31 , x =77 , y =0 , v =713



$$\le =86$$
 ,  $h=55$  ,  $x=0$  ,  $y=0$  ,  $v=4730$ 

$$\le =75$$
 , h =42 , x =0 , y =55 , v =3150

$$\le =20$$
 , h =37 , x =75 , y =55 , v =740

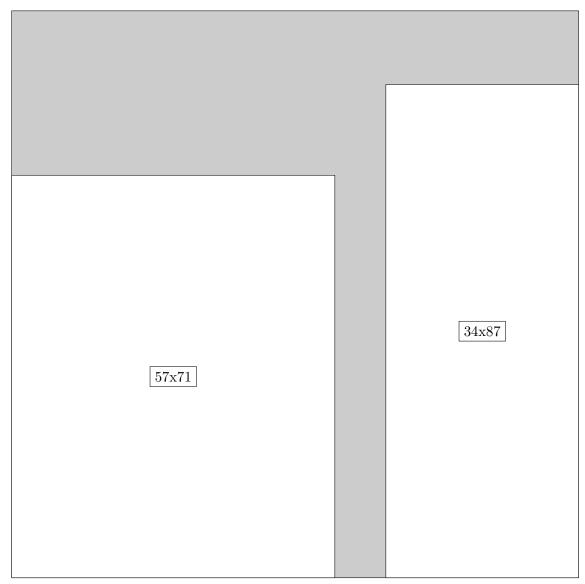


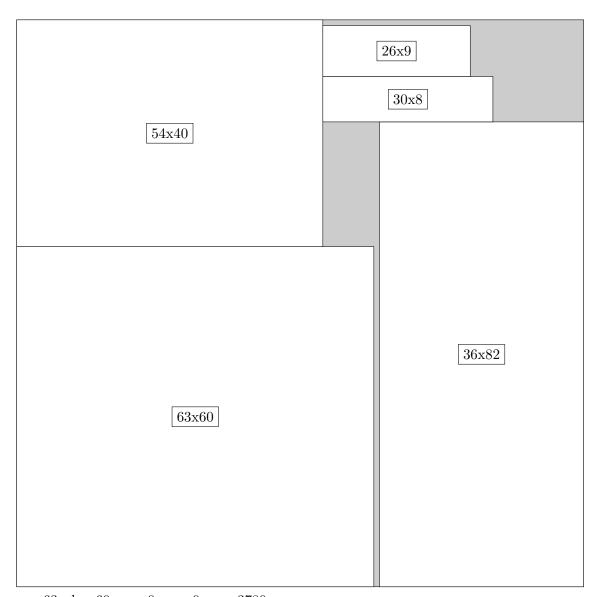
$$\le =53$$
 , h =83 , x =0 , y =0 , v =4399

$$\le =40$$
 ,  $h=78$  ,  $x=53$  ,  $y=0$  ,  $v=3120$ 

$$\le =60$$
 , h =15 , x =0 , y =83 , v =900

$$\le =38$$
 , h =22 , x =60 , y =78 , v =836





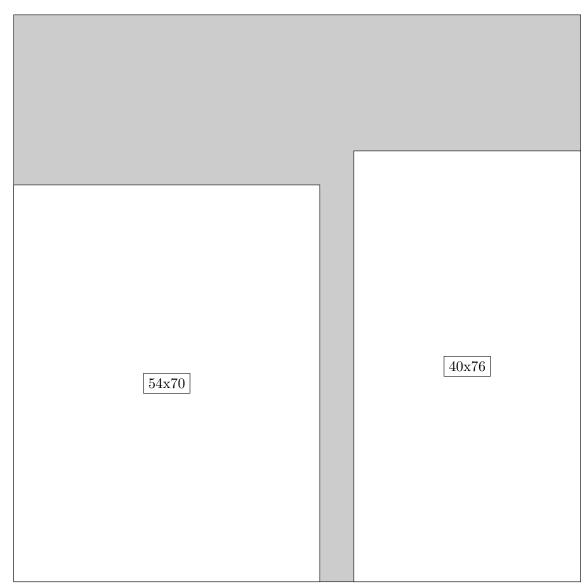
$$\le =63$$
 , h =60 , x =0 , y =0 , v =3780

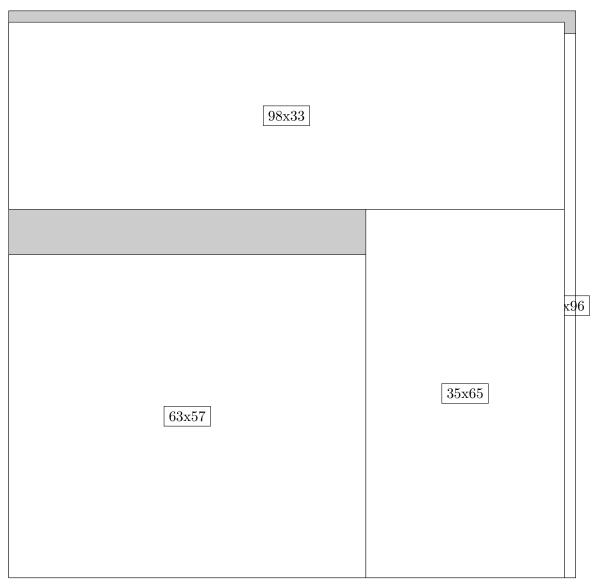
$$\le =36$$
 , h =82 , x =64 , y =0 , v =2952

$$\le =54$$
 , h =40 , x =0 , y =60 , v =2160

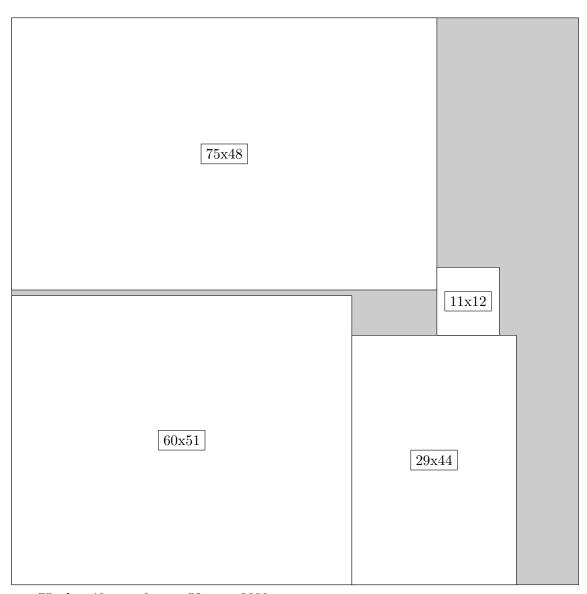
$$\le =30$$
 , h =8 , x =54 , y =82 , v =240

$$w = 26$$
,  $h = 9$ ,  $x = 54$ ,  $y = 90$ ,  $v = 234$ 





$$\begin{array}{l} w = \!63 \; , \; h = \!57 \; , \; x = \!0 \; , \; y = \!0 \; , \; v = \!3591 \\ w = \!2 \; , \; h = \!96 \; , \; x = \!98 \; , \; y = \!0 \; , \; v = \!192 \\ w = \!35 \; , \; h = \!65 \; , \; x = \!63 \; , \; y = \!0 \; , \; v = \!2275 \\ w = \!98 \; , \; h = \!33 \; , \; x = \!0 \; , \; y = \!65 \; , \; v = \!3234 \end{array}$$

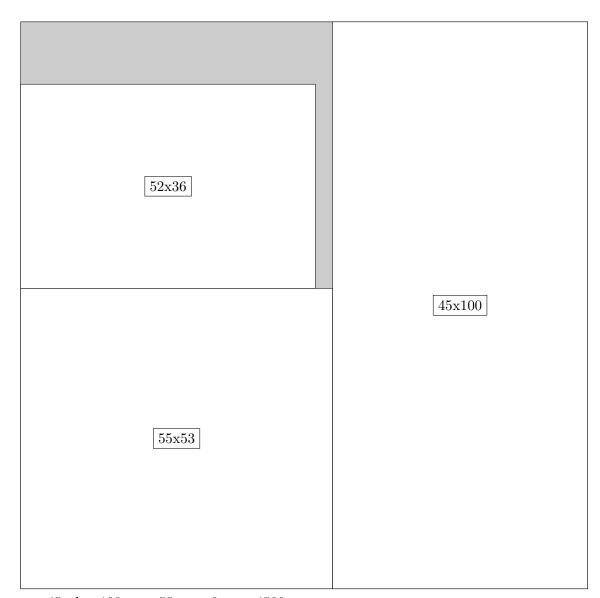


$$\le =75$$
 , h =48 , x =0 , y =52 , v =3600

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

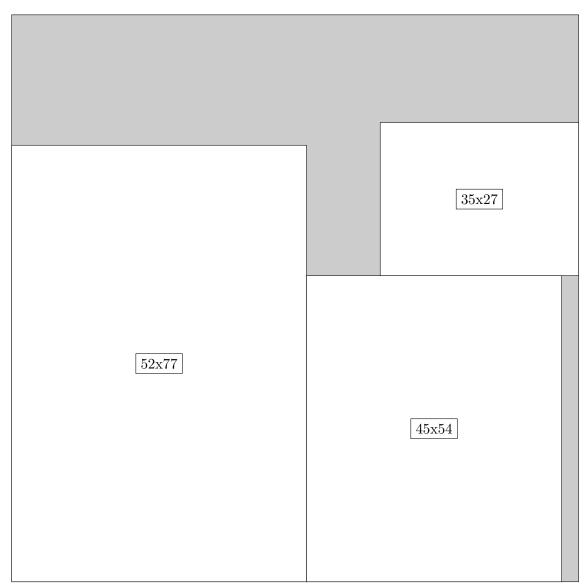
$$\le =29$$
 , h =44 , x =60 , y =0 , v =1276

$$\mathbf{w}$$
 =11 , h =12 , x =75 , y =44 , v =132



$$\begin{array}{l} w = \! 45 \ , \ h = \! 100 \ , \ x = \! 55 \ , \ y = \! 0 \ , \ v = \! 4500 \\ w = \! 55 \ , \ h = \! 53 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2915 \end{array}$$

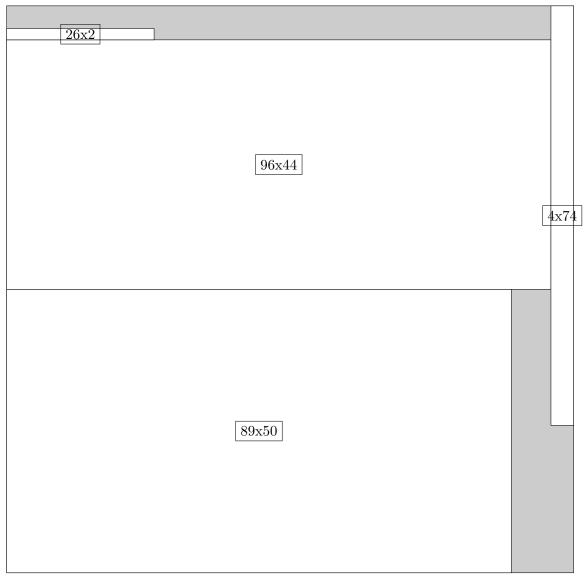
$$w = 52$$
,  $h = 36$ ,  $x = 0$ ,  $y = 53$ ,  $v = 1872$ 



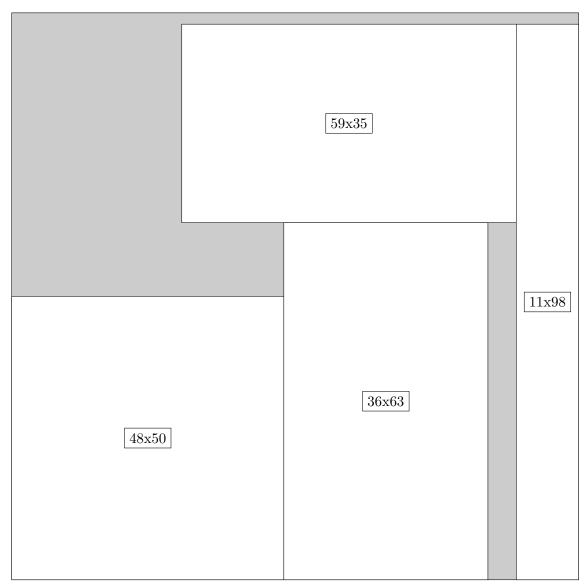
$$\le -52$$
 , h =77 , x =0 , y =0 , v =4004

$$\le =45$$
 ,  $h=\!54$  ,  $x=\!52$  ,  $y=\!0$  ,  $v=\!2430$ 

$$\le =35$$
 , h =27 , x =65 , y =54 , v =945



$$\begin{array}{l} w = \! 89 \ , \ h = \! 50 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4450 \\ w = \! 96 \ , \ h = \! 44 \ , \ x = \! 0 \ , \ y = \! 50 \ , \ v = \! 4224 \\ w = \! 4 \ , \ h = \! 74 \ , \ x = \! 96 \ , \ y = \! 26 \ , \ v = \! 296 \\ w = \! 26 \ , \ h = \! 2 \ , \ x = \! 0 \ , \ y = \! 94 \ , \ v = \! 52 \end{array}$$

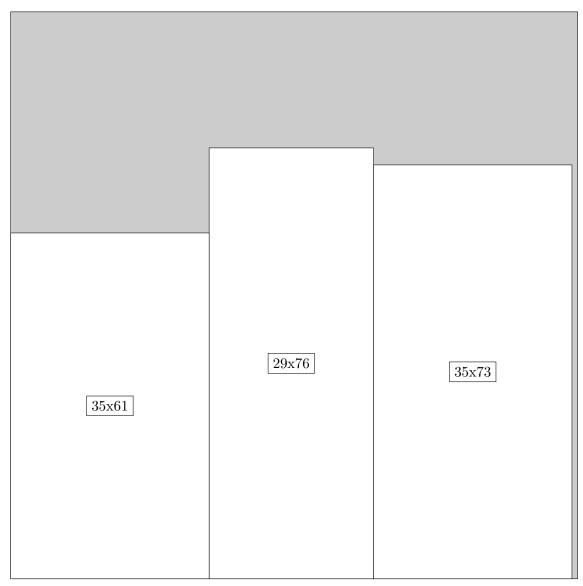


$$\mathbf{w}$$
 =48 , h =50 , x =0 , y =0 , v =2400

$$\le =36$$
 ,  $h$  =63 ,  $x$  =48 ,  $y$  =0 ,  $v$  =2268

$$\le =59$$
 , h =35 , x =30 , y =63 , v =2065

$$w=\!11$$
 ,  $h=\!98$  ,  $x=\!89$  ,  $y=\!0$  ,  $v=\!1078$ 



$$w = 35$$
,  $h = 73$ ,  $x = 64$ ,  $y = 0$ ,  $v = 2555$ 

$$\le =29$$
 ,  $h$  =76 ,  $x$  =35 ,  $y$  =0 ,  $v$  =2204

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