$ClassName: \ Class\_05.2bp\text{-}44$ 

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

TypeNum: 99 Num: 100 OutS: 280000 InS: 254217 Rate: 0.908 UB: 28 LB0: 28 LB: 28

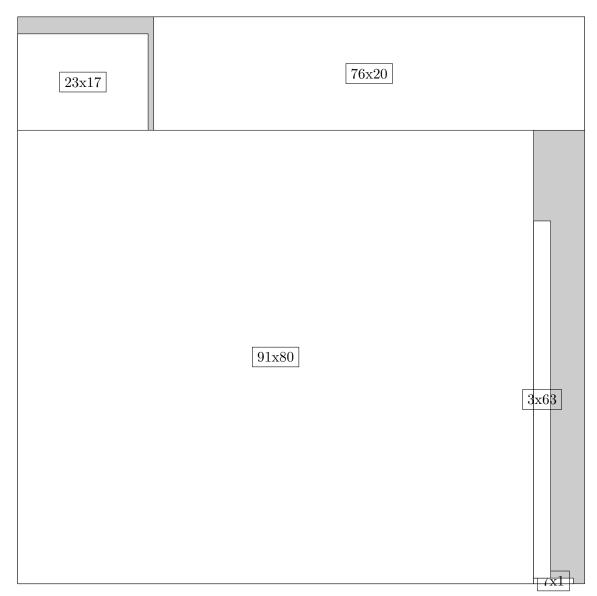
LBWithCut:  $\underline{28}$  NodeCut:  $\underline{0}$ 

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

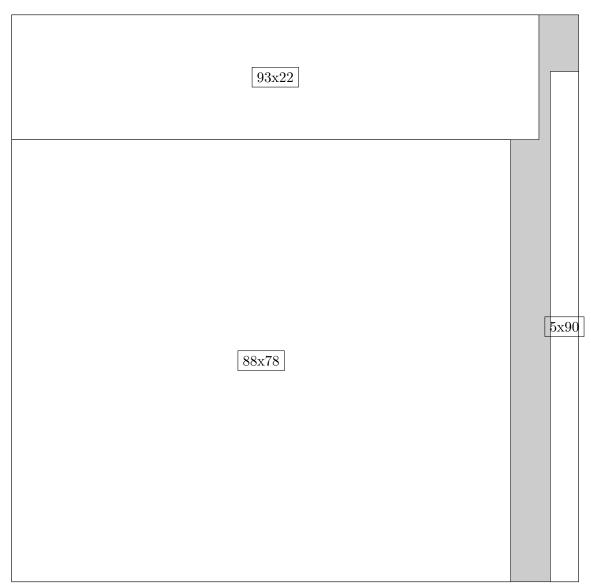
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{28}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

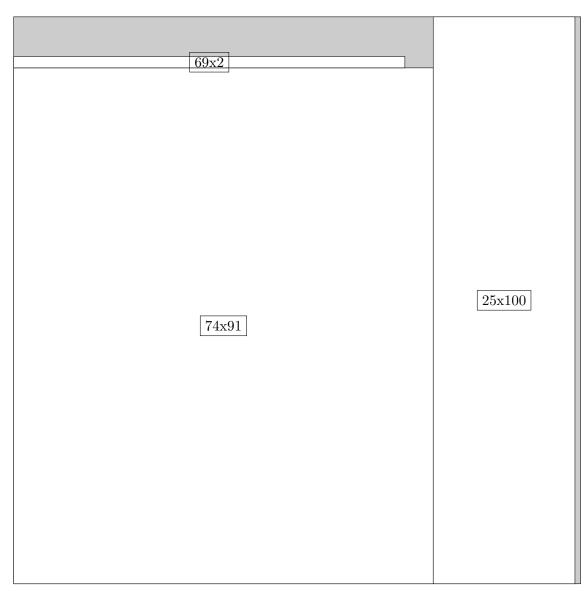
TimeOnInitSolution: 3.930 sTimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 4.070 s



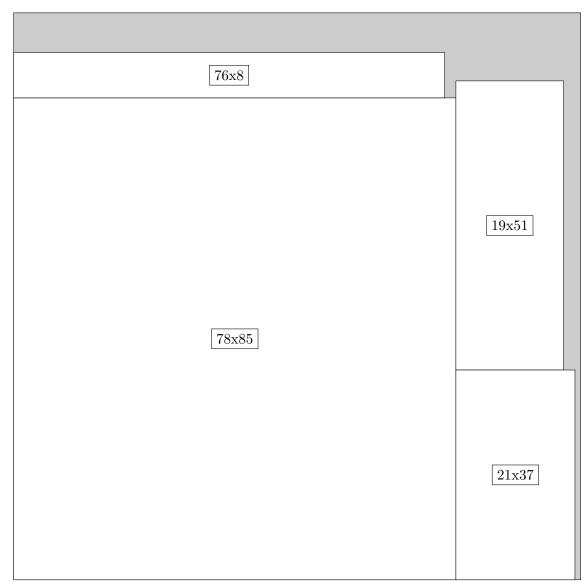
$$\begin{array}{l} w = \! 91 \; , \; h = \! 80 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 7280 \\ w = \! 76 \; , \; h = \! 20 \; , \; x = \! 24 \; , \; y = \! 80 \; , \; v = \! 1520 \\ w = \! 23 \; , \; h = \! 17 \; , \; x = \! 0 \; , \; y = \! 80 \; , \; v = \! 391 \\ w = \! 7 \; , \; h = \! 1 \; , \; x = \! 91 \; , \; y = \! 0 \; , \; v = \! 7 \\ w = \! 3 \; , \; h = \! 63 \; , \; x = \! 91 \; , \; y = \! 1 \; , \; v = \! 189 \end{array}$$



$$\begin{array}{l} w = \! 88 \; , \; h = \! 78 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 6864 \\ w = \! 93 \; , \; h = \! 22 \; , \; x = \! 0 \; , \; y = \! 78 \; , \; v = \! 2046 \\ w = \! 5 \; , \; h = \! 90 \; , \; x = \! 95 \; , \; y = \! 0 \; , \; v = \! 450 \end{array}$$



 $\begin{array}{l} w = \!\!\!\! 74 \; , \; h = \!\!\!\! 91 \; , \; x = \!\!\!\! 0 \; , \; y = \!\!\!\! 0 \; , \; v = \!\!\!\! 6734 \\ w = \!\!\!\! 25 \; , \; h = \!\!\!\! 100 \; , \; x = \!\!\!\! 74 \; , \; y = \!\!\!\! 0 \; , \; v = \!\!\!\! 2500 \\ w = \!\!\!\! 69 \; , \; h = \!\!\!\! 2 \; , \; x = \!\!\!\! 0 \; , \; y = \!\!\!\! 91 \; , \; v = \!\!\!\! 138 \end{array}$ 

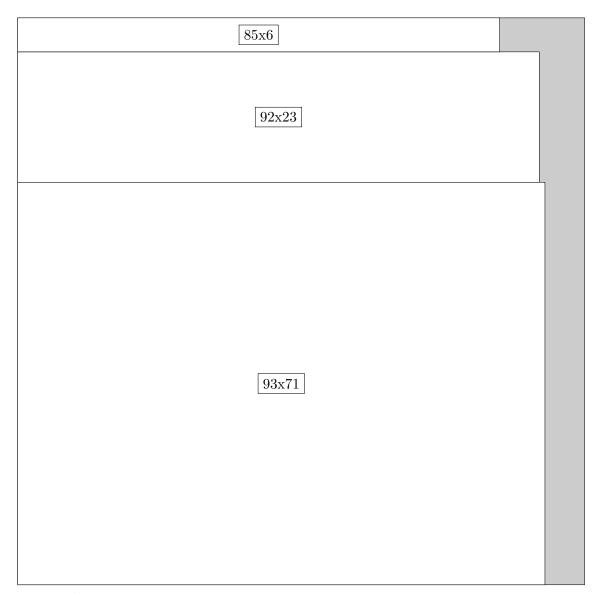


$$w = 78 \; , \; h = 85 \; , \; x = 0 \; , \; y = 0 \; , \; v = 6630 \;$$

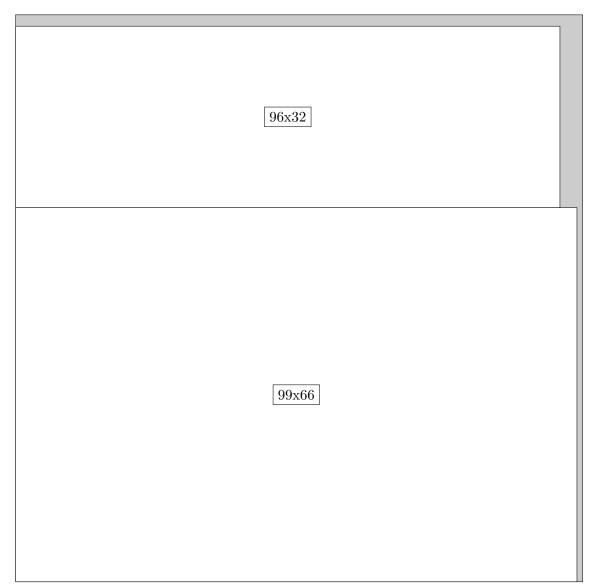
$$w$$
 =19 ,  $h$  =51 ,  $x$  =78 ,  $y$  =37 ,  $v$  =969

$$\le =21$$
 , h =37 , x =78 , y =0 , v =777

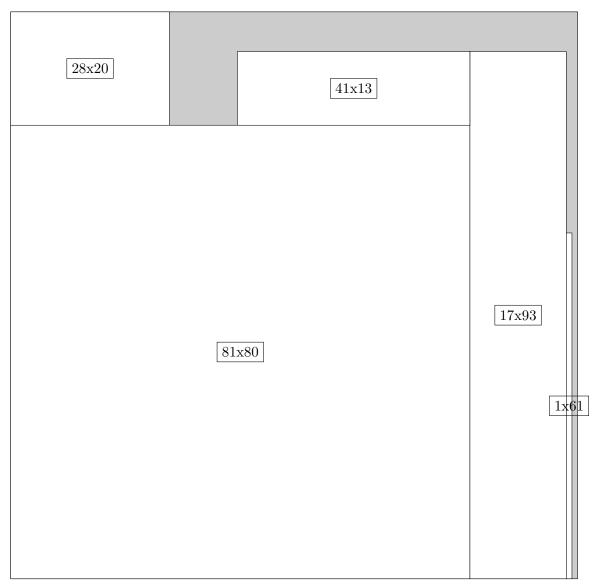
$$w = 76$$
,  $h = 8$ ,  $x = 0$ ,  $y = 85$ ,  $v = 608$ 



$$\begin{array}{l} w = \! 93 \ , \ h = \! 71 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6603 \\ w = \! 92 \ , \ h = \! 23 \ , \ x = \! 0 \ , \ y = \! 71 \ , \ v = \! 2116 \\ w = \! 85 \ , \ h = \! 6 \ , \ x = \! 0 \ , \ y = \! 94 \ , \ v = \! 510 \end{array}$$



$$\begin{array}{c} w = 99 \ , \ h = 66 \ , \ x = 0 \ , \ y = 0 \ , \ v = 6534 \\ w = 96 \ , \ h = 32 \ , \ x = 0 \ , \ y = 66 \ , \ v = 3072 \\ \end{array}$$



$$w = 81$$
,  $h = 80$ ,  $x = 0$ ,  $y = 0$ ,  $v = 6480$ 

$$w$$
 =17 ,  $h$  =93 ,  $x$  =81 ,  $y$  =0 ,  $v$  =1581

$$\le =28$$
 , h =20 , x =0 , y =80 , v =  
560

$$\le =41$$
 ,  $h=13$  ,  $x=40$  ,  $y=80$  ,  $v=533$ 

$$w = 1$$
,  $h = 61$ ,  $x = 98$ ,  $y = 0$ ,  $v = 61$ 

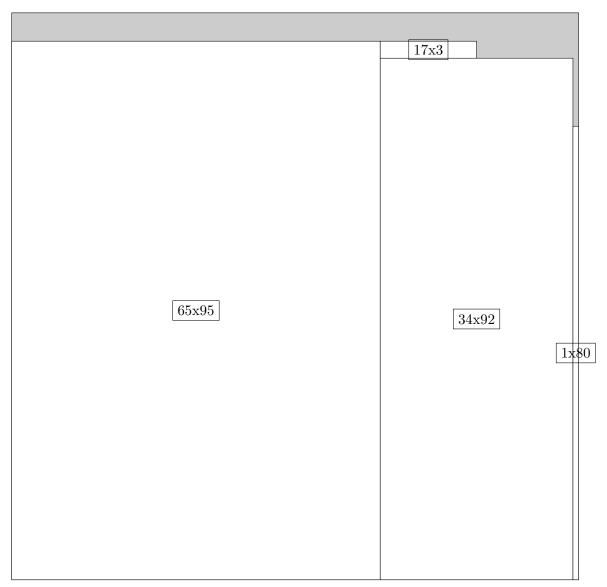
27x13		48x19	
	77x81		20x73

$$\le =77$$
 , h =81 , x =0 , y =0 , v =6237

$$\le =20$$
 ,  $h$  =73 ,  $x$  =77 ,  $y$  =0 ,  $v$  =1460

$$\le =48$$
 ,  $h$  =19 ,  $x$  =52 ,  $y$  =81 ,  $v$  =912

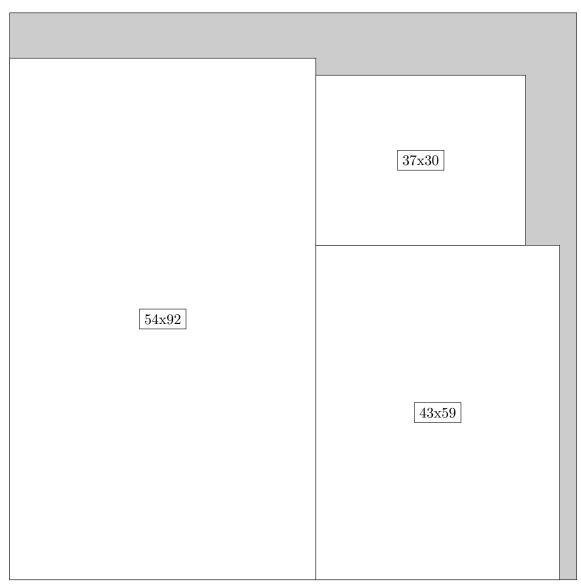
$$\le =27$$
 , h =13 , x =0 , y =81 , v =351



 $\begin{array}{l} w = \!65 \ , \ h = \!95 \ , \ x = \!0 \ , \ y = \!0 \ , \ v = \!6175 \\ w = \!34 \ , \ h = \!92 \ , \ x = \!65 \ , \ y = \!0 \ , \ v = \!3128 \\ w = \!1 \ , \ h = \!80 \ , \ x = \!99 \ , \ y = \!0 \ , \ v = \!80 \\ w = \!17 \ , \ h = \!3 \ , \ x = \!65 \ , \ y = \!92 \ , \ v = \!51 \end{array}$ 

	44x10	
100x5		
70x85	29x83	

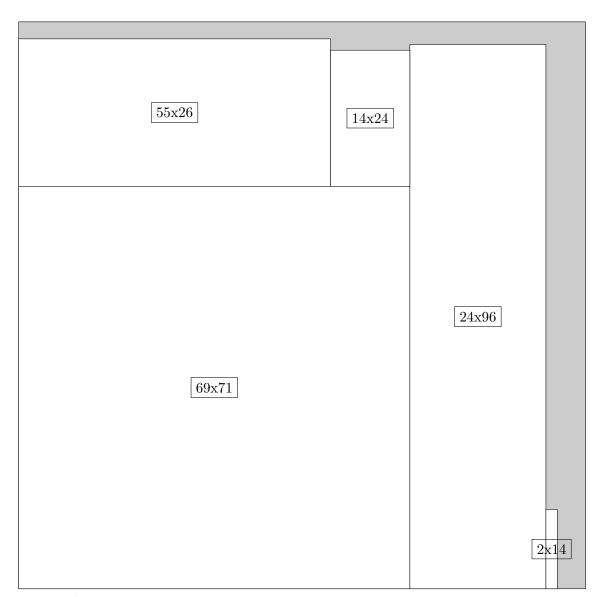
$$\begin{array}{l} w = \! 70 \ , \ h = \! 85 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5950 \\ w = \! 29 \ , \ h = \! 83 \ , \ x = \! 70 \ , \ y = \! 0 \ , \ v = \! 2407 \\ w = \! 100 \ , \ h = \! 5 \ , \ x = \! 0 \ , \ y = \! 85 \ , \ v = \! 500 \\ w = \! 44 \ , \ h = \! 10 \ , \ x = \! 56 \ , \ y = \! 90 \ , \ v = \! 440 \end{array}$$



$$\le 54$$
 , h =92 , x =0 , y =0 , v =4968

$$\le =43$$
 , h =59 , x =54 , y =0 , v =2537

$$\le =37$$
 , h =30 , x =54 , y =59 , v =1110



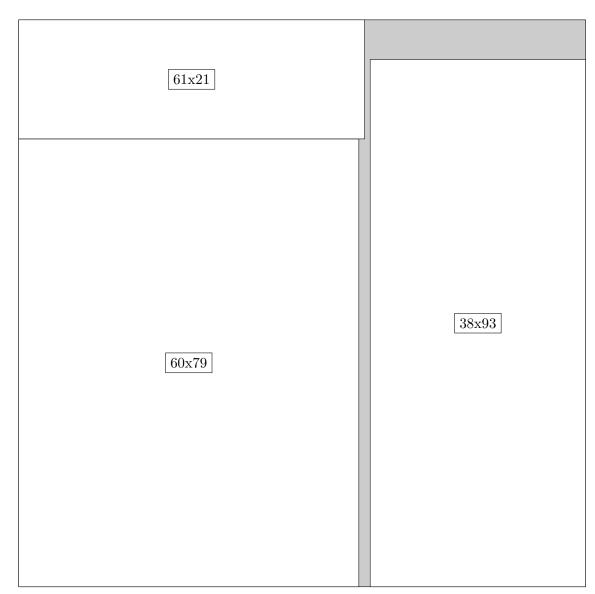
$$\le =69$$
 , h =71 , x =0 , y =0 , v =4899

$$w = \! 24 \;, \; h = \! 96 \;, \; x = \! 69 \;, \; y = \! 0 \;, \; v = \! 2304 \;$$

$$\le =55$$
 , h =26 , x =0 , y =71 , v =1430

$$w$$
 =14 , h =24 , x =55 , y =71 , v =336

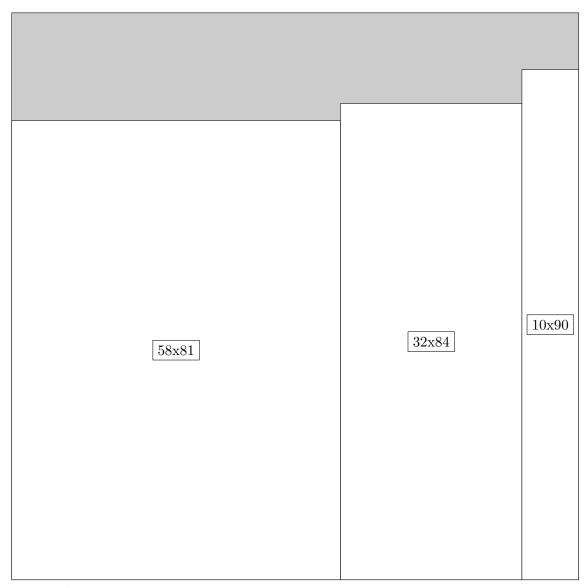
$$\mathbf{w}$$
 =2 , h =14 , x =93 , y =0 , v =28



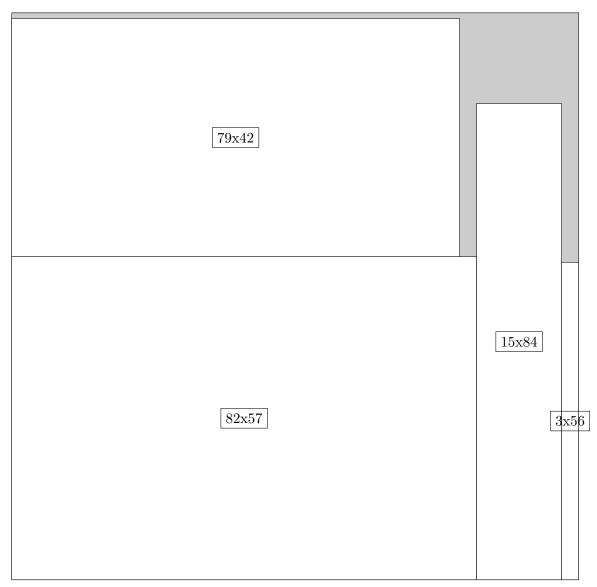
$$w = 60$$
,  $h = 79$ ,  $x = 0$ ,  $y = 0$ ,  $v = 4740$ 

$$\le =38$$
 , h =93 , x =62 , y =0 , v =3534

$$\le =61$$
 ,  $h$  =21 ,  $x$  =0 ,  $y$  =79 ,  $v$  =1281



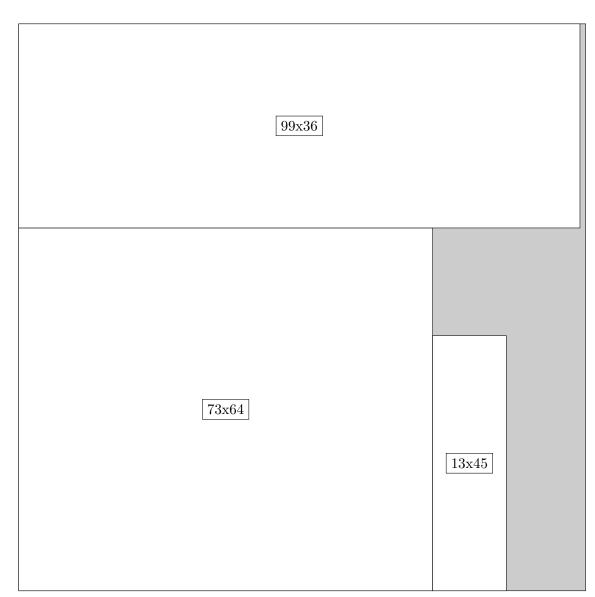
$$\begin{array}{l} w = \!\!58 \ , \ h = \!\!81 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!4698 \\ w = \!\!32 \ , \ h = \!\!84 \ , \ x = \!\!58 \ , \ y = \!\!0 \ , \ v = \!\!2688 \\ w = \!\!10 \ , \ h = \!\!90 \ , \ x = \!\!90 \ , \ y = \!\!0 \ , \ v = \!\!900 \end{array}$$



 $\begin{array}{l} w = \!\!82 \ , \ h = \!\!57 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!4674 \\ w = \!\!79 \ , \ h = \!\!42 \ , \ x = \!\!0 \ , \ y = \!\!57 \ , \ v = \!\!3318 \end{array}$ 

 $\le =15$  , h =84 , x =82 , y =0 , v =1260

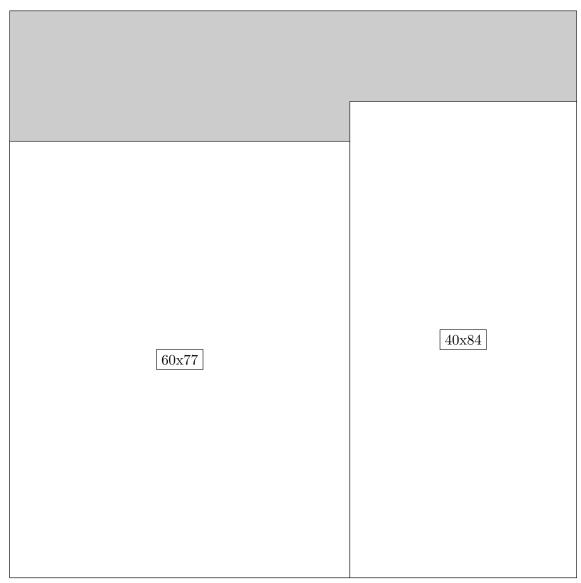
 $\le 3$  , h = 56 , x = 97 , y = 0 , v = 168

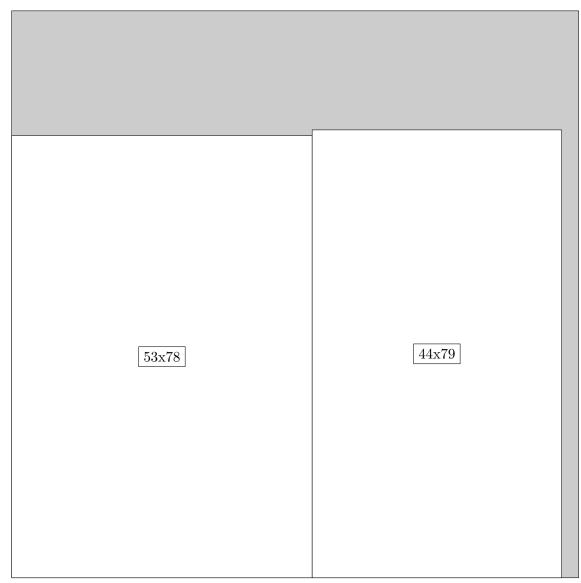


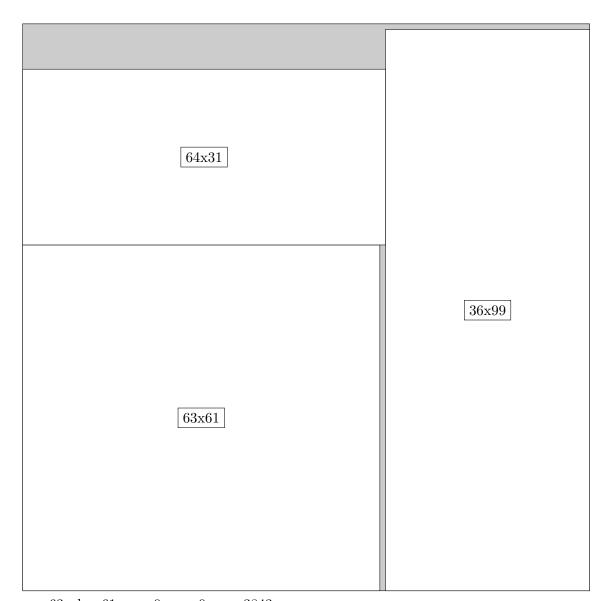
$$w = 73$$
,  $h = 64$ ,  $x = 0$ ,  $y = 0$ ,  $v = 4672$ 

$$\le =99$$
 , h =36 , x =0 , y =64 , v =3564

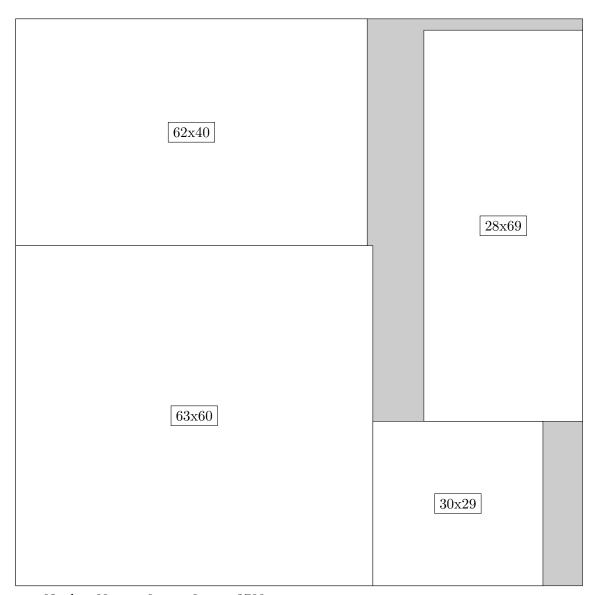
$$\le =13$$
 , h =45 , x =73 , y =0 , v =585







$$\begin{array}{l} w = \!\! 36 \ , \ h = \!\! 99 \ , \ x = \!\! 64 \ , \ y = \!\! 0 \ , \ v = \!\! 3564 \\ w = \!\! 64 \ , \ h = \!\! 31 \ , \ x = \!\! 0 \ , \ y = \!\! 61 \ , \ v = \!\! 1984 \end{array}$$

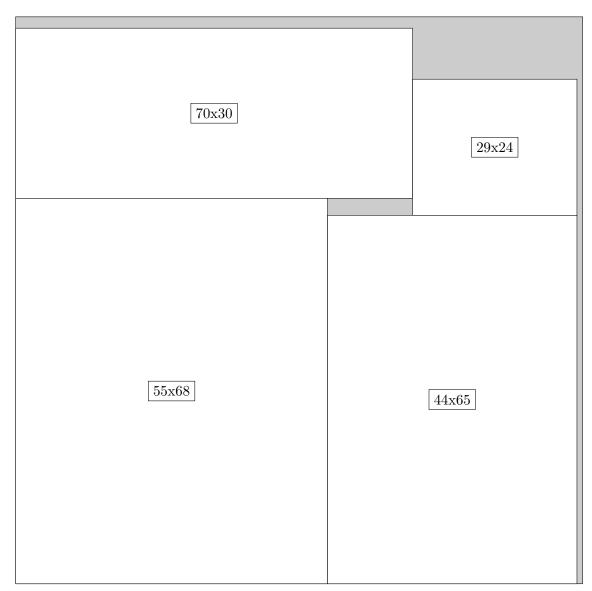


$$\le =63$$
 ,  $h=60$  ,  $x=0$  ,  $y=0$  ,  $v=3780$ 

$$\le =62$$
 , h =40 , x =0 , y =60 , v =2480

$$\le =28$$
 , h =69 , x =72 , y =29 , v =1932

$$\le =30$$
 , h =29 , x =63 , y =0 , v =870

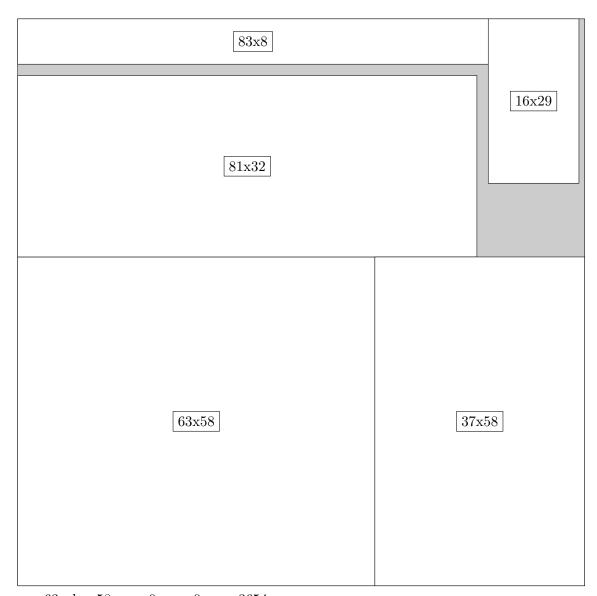


$$\mathbf{w}$$
 =55 , h =68 , x =0 , y =0 , v =3740

$$\le =44$$
 ,  $h=\!65$  ,  $x=\!55$  ,  $y=\!0$  ,  $v=\!2860$ 

$$\le =70$$
 , h =30 , x =0 , y =68 , v =2100

$$\le =29$$
 , h =24 , x =70 , y =65 , v =696



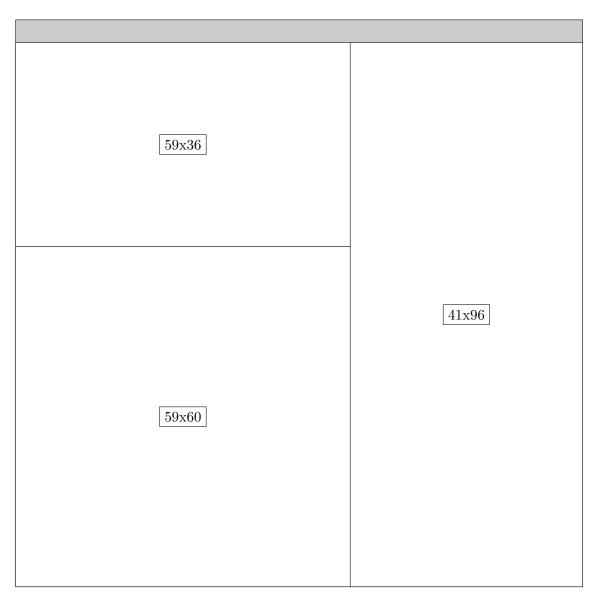
$$\le =63$$
 , h =58 , x =0 , y =0 , v =3654

$$\le =81$$
 ,  $h=32$  ,  $x=0$  ,  $y=58$  ,  $v=2592$ 

$$\le =37$$
 , h =58 , x =63 , y =0 , v =2146

$$\le =83$$
 , h =8 , x =0 , y =92 , v =664

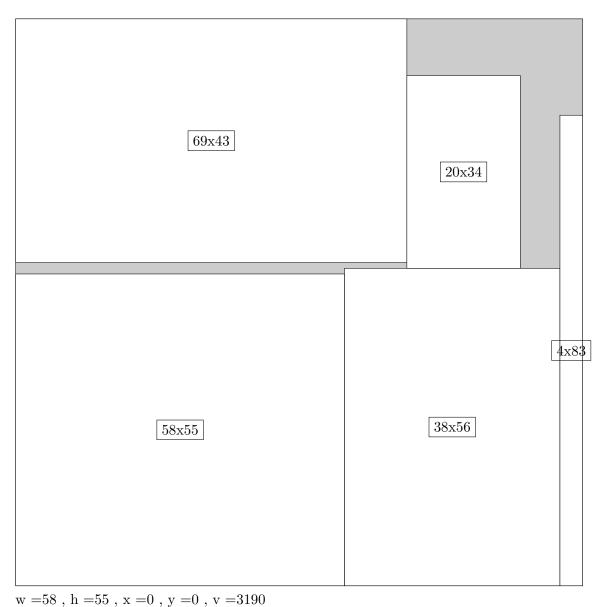
$$\mathbf{w}$$
 =16 , h =29 , x =83 , y =71 , v =464



$$\mathbf{w}$$
 =41 , h =96 , x =59 , y =0 , v =3936

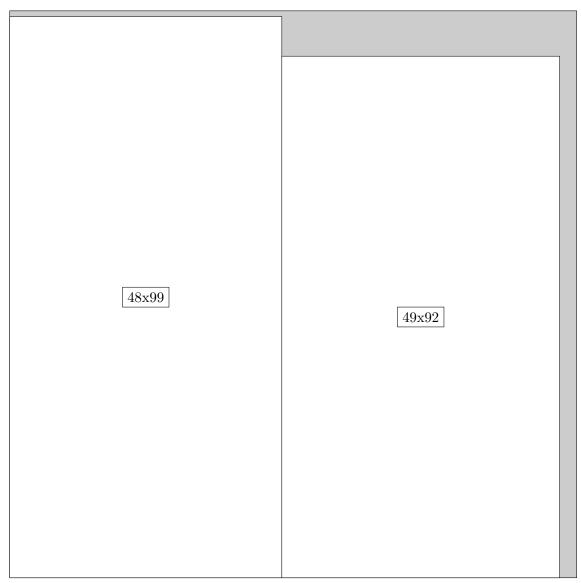
$$\le =59$$
 , h =60 , x =0 , y =0 , v =3540

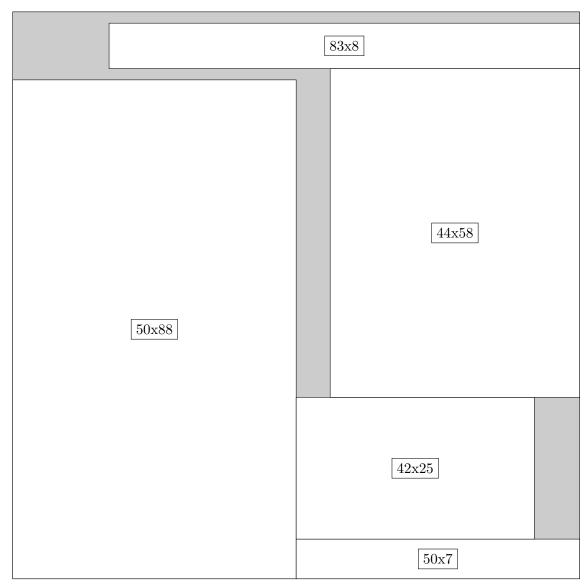
$$\le =59$$
 , h =36 , x =0 , y =60 , v =2124



$$\le =20$$
 , h =34 , x =69 , y =  
56 , v =680

$$w = 4$$
,  $h = 83$ ,  $x = 96$ ,  $y = 0$ ,  $v = 332$ 





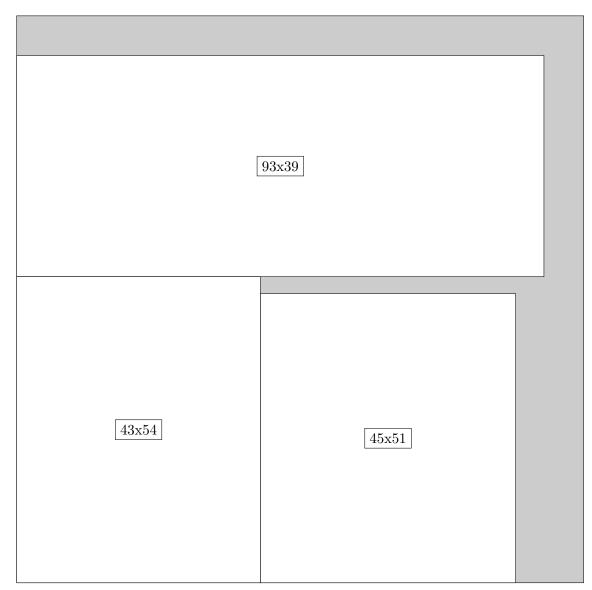
$$w = 50$$
,  $h = 88$ ,  $x = 0$ ,  $y = 0$ ,  $v = 4400$ 

$$\le =50$$
 , h =7 , x =50 , y =0 , v =350

$$\le =42$$
 , h =25 , x =50 , y =7 , v =1050

$$\le =44$$
 , h =58 , x =56 , y =32 , v =2552

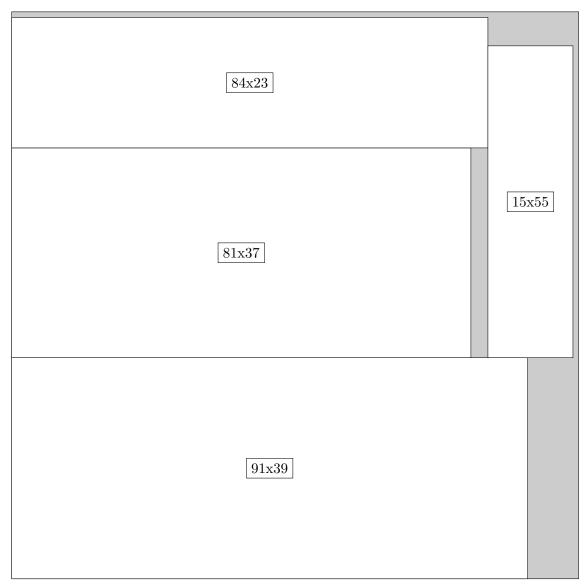
$$\le =83$$
 , h =8 , x =17 , y =90 , v =664



$$w = 93$$
,  $h = 39$ ,  $x = 0$ ,  $y = 54$ ,  $v = 3627$ 

$$\le =43$$
 , h =54 , x =0 , y =0 , v =2322

$$\le =45$$
 , h =51 , x =43 , y =0 , v =2295



$$\le =91$$
 , h =39 , x =0 , y =0 , v =3549

$$\le =81$$
 , h =37 , x =0 , y =39 , v =2997

$$\le =84$$
 , h =23 , x =0 , y =76 , v =1932

$$\le =15$$
 ,  $h=55$  ,  $x=84$  ,  $y=39$  ,  $v=825$