$ClassName: \ Class\_05.2bp-46$ 

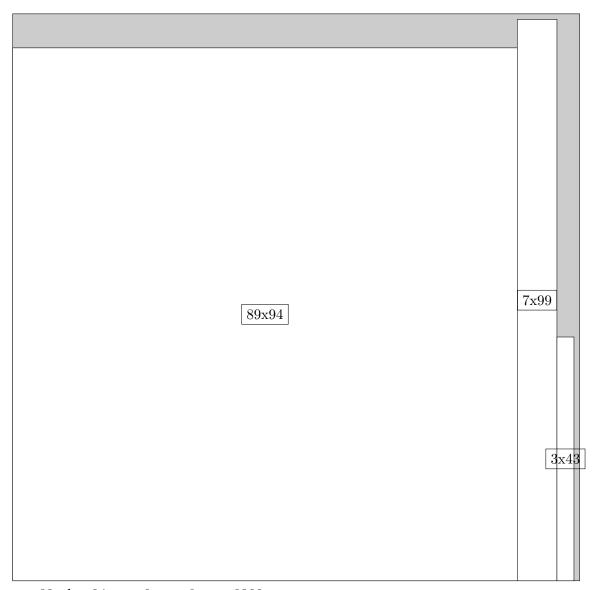
BinSize:  $\underline{100 \times 100}$ ReduceSize:  $\underline{100 \times 100}$ 

TypeNum: <u>99</u>
Num: <u>100</u>
OutS: <u>250000</u>
InS: <u>231135</u>
Rate: <u>0.925</u>
UB: <u>25</u>
LB0: <u>25</u>
LB: <u>25</u>

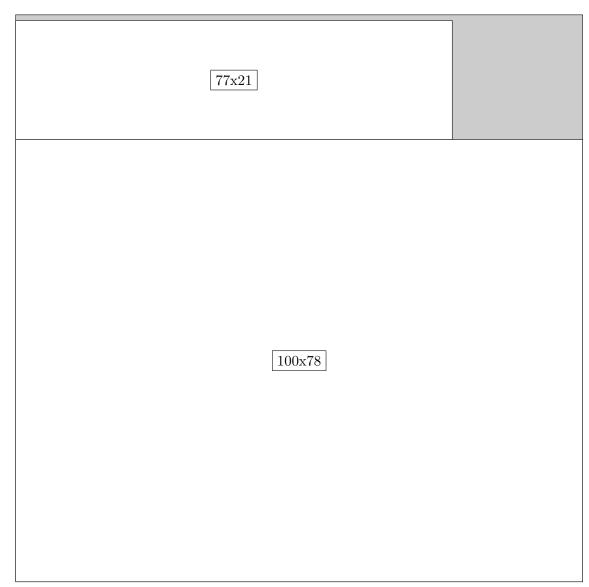
LBWithCut:  $\underline{25}$ NodeCut:  $\underline{0}$ PrimalNode:  $\underline{0}$ ColumnCount:  $\underline{25}$ TotalCutCount:  $\underline{0}$ RootCutCount:  $\underline{0}$ LPSolverCnt:  $\underline{1}$ PricingSolverCnt:  $\underline{0}$ BranchAndBoundNum:  $\underline{1}$ 

isOpt: **true** 

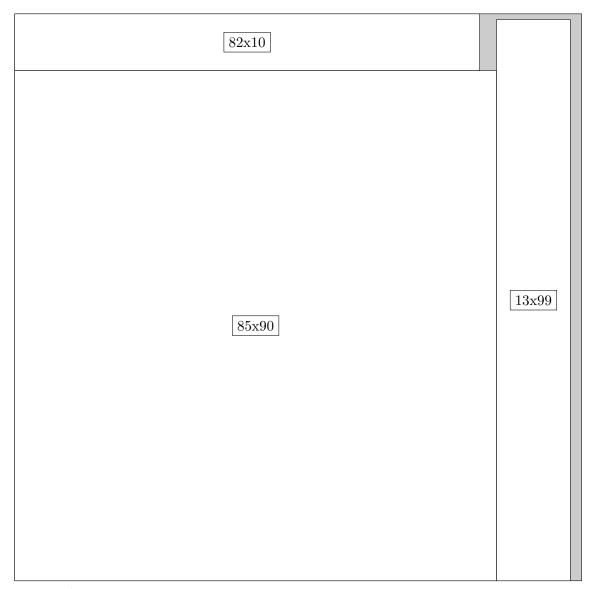
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 0.141 s



 $\begin{array}{l} w = \! 89 \ , \, h = \! 94 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 8366 \\ w = \! 7 \ , \, h = \! 99 \ , \, x = \! 89 \ , \, y = \! 0 \ , \, v = \! 693 \\ w = \! 3 \ , \, h = \! 43 \ , \, x = \! 96 \ , \, y = \! 0 \ , \, v = \! 129 \end{array}$ 

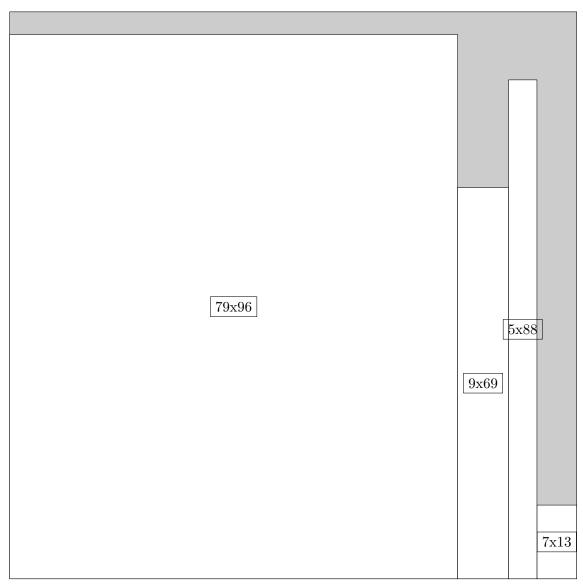


$$\begin{array}{l} w = \! 100 \ , \ h = \! 78 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7800 \\ w = \! 77 \ , \ h = \! 21 \ , \ x = \! 0 \ , \ y = \! 78 \ , \ v = \! 1617 \end{array}$$



$$\begin{array}{l} w = \!\!85 \ , \ h = \!\!90 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!7650 \\ w = \!\!82 \ , \ h = \!\!10 \ , \ x = \!\!0 \ , \ y = \!\!90 \ , \ v = \!\!820 \\ \end{array}$$

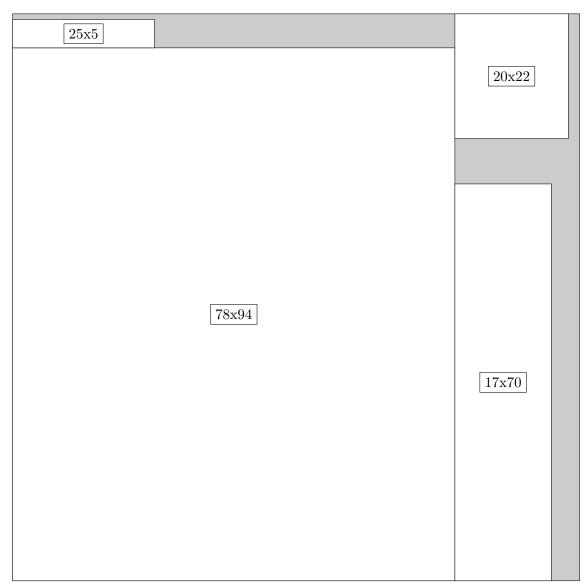
$$w = 13$$
 ,  $h = 99$  ,  $x = 85$  ,  $y = 0$  ,  $v = 1287$ 



 $\begin{array}{l} w = 79 \ , \ h = 96 \ , \ x = 0 \ , \ y = 0 \ , \ v = 7584 \\ w = 7 \ , \ h = 13 \ , \ x = 93 \ , \ y = 0 \ , \ v = 91 \end{array}$ 

w = 9, h = 69, x = 79, y = 0, v = 621

w = 9, h = 69, x = 79, y = 0, v = 621 w = 5, h = 88, x = 88, y = 0, v = 440

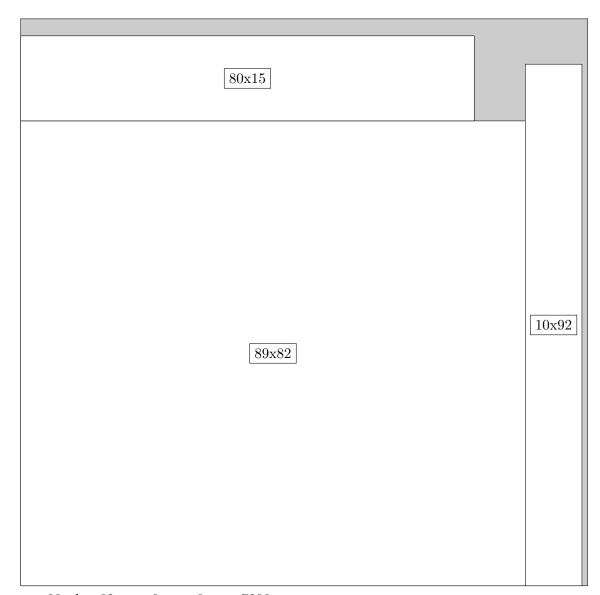


$$\mathbf{w}$$
 =78 , h =94 , x =0 , y =0 , v =7332

$$\le =17$$
 ,  $h=70$  ,  $x=78$  ,  $y=0$  ,  $v=1190$ 

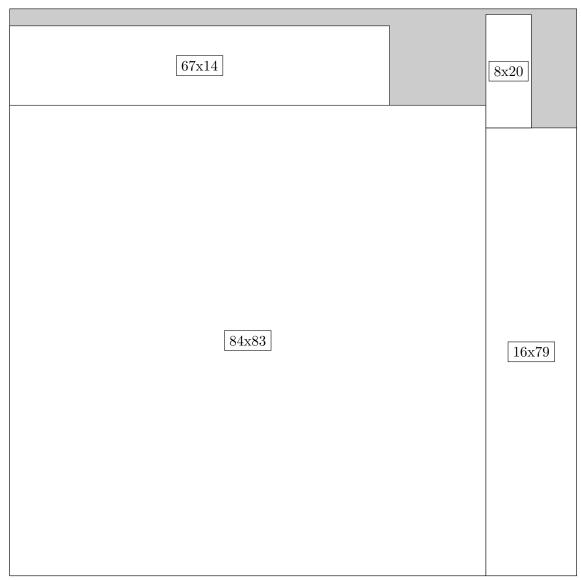
$$\le =20$$
 , h =22 , x =78 , y =78 , v =440

$$\mathbf{w}$$
 =25 , h =5 , x =0 , y =94 , v =125



$$\begin{array}{l} w = \! 89 \ , \ h = \! 82 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7298 \\ w = \! 80 \ , \ h = \! 15 \ , \ x = \! 0 \ , \ y = \! 82 \ , \ v = \! 1200 \end{array}$$

$$w = 30$$
,  $h = 13$ ,  $x = 0$ ,  $y = 62$ ,  $v = 1200$   
 $w = 10$ ,  $h = 92$ ,  $x = 89$ ,  $y = 0$ ,  $v = 920$ 

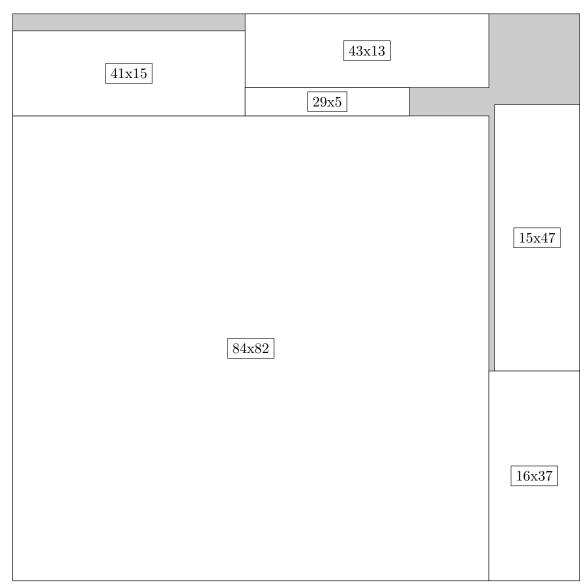


$$\le =84$$
 ,  $h=83$  ,  $x=0$  ,  $y=0$  ,  $v=6972$ 

$$\le =16$$
 ,  $h$  =79 ,  $x$  =84 ,  $y$  =0 ,  $v$  =1264

$$\le =67$$
 , h =14 , x =0 , y =83 , v =938

$$w$$
 =8 , h =20 , x =84 , y =79 , v =160



$$\le =84$$
 ,  $h=82$  ,  $x=0$  ,  $y=0$  ,  $v=6888$ 

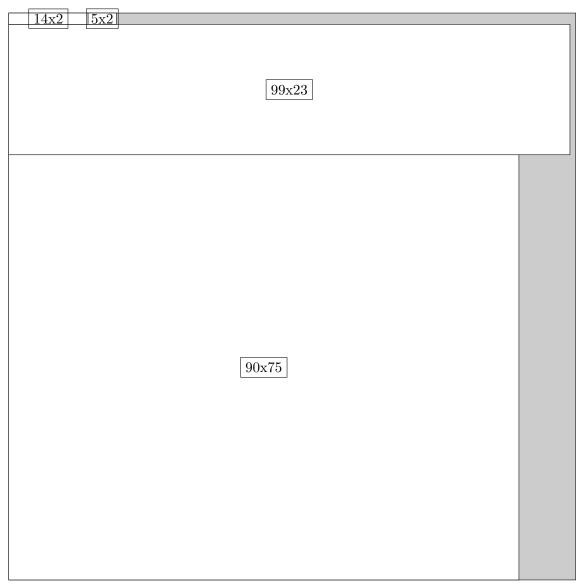
$$\le =43$$
 ,  $h$  =13 ,  $x$  =41 ,  $y$  =87 ,  $v$  =559

$$\le =41$$
 ,  $h=15$  ,  $x=0$  ,  $y=82$  ,  $v=615$ 

$$\le =15$$
 , h =47 , x =85 , y =37 , v =705

$$\le =16$$
 , h =37 , x =84 , y =0 , v =592

$$w$$
 =29 ,  $h$  =5 ,  $x$  =41 ,  $y$  =82 ,  $v$  =145



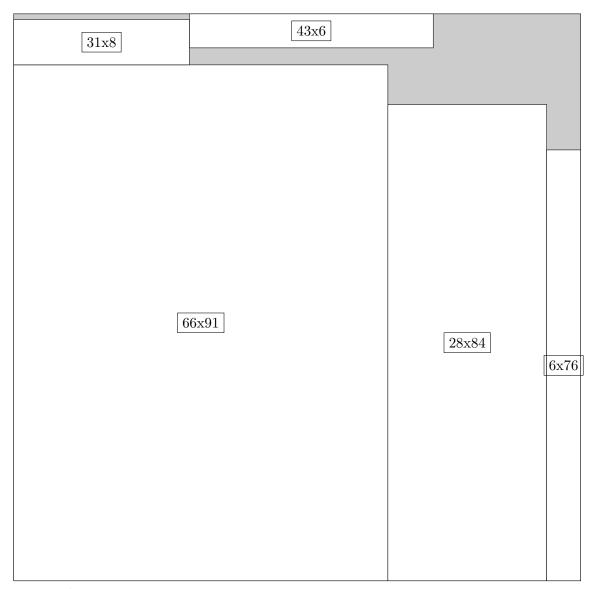
$$\begin{array}{l} w = & 90 \ , \ h = & 75 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 6750 \\ w = & 99 \ , \ h = & 23 \ , \ x = & 0 \ , \ y = & 75 \ , \ v = & 2277 \\ w = & 14 \ , \ h = & 2 \ , \ x = & 0 \ , \ y = & 98 \ , \ v = & 28 \\ w = & 5 \ , \ h = & 2 \ , \ x = & 14 \ , \ y = & 98 \ , \ v = & 10 \end{array}$$

2x10 73x24	25x34
	00x66

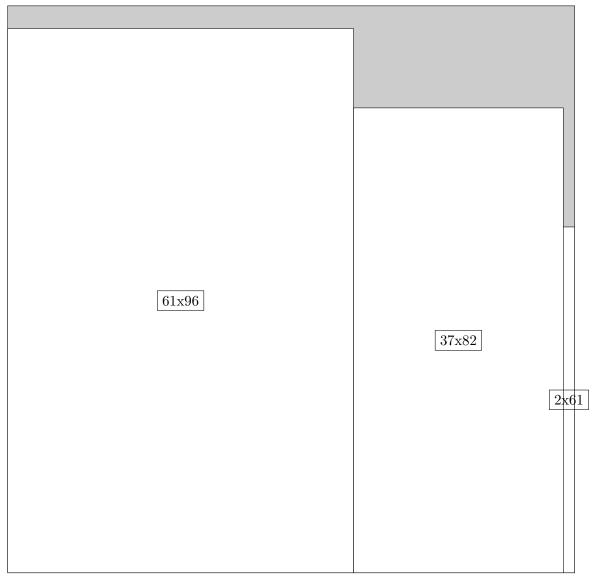
$$\begin{array}{l} w = \! 100 \ , \ h = \! 66 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6600 \\ w = \! 73 \ , \ h = \! 24 \ , \ x = \! 0 \ , \ y = \! 66 \ , \ v = \! 1752 \\ w = \! 25 \ , \ h = \! 34 \ , \ x = \! 73 \ , \ y = \! 66 \ , \ v = \! 850 \\ w = \! 2 \ , \ h = \! 10 \ , \ x = \! 0 \ , \ y = \! 90 \ , \ v = \! 20 \end{array}$$

57x35		41x35
	100x62	

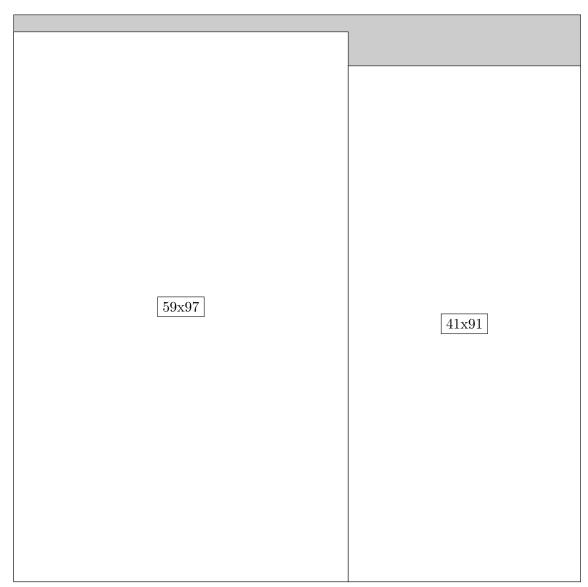
$$\begin{array}{l} w = \! 100 \ , \ h = \! 62 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6200 \\ w = \! 57 \ , \ h = \! 35 \ , \ x = \! 0 \ , \ y = \! 62 \ , \ v = \! 1995 \\ w = \! 41 \ , \ h = \! 35 \ , \ x = \! 57 \ , \ y = \! 62 \ , \ v = \! 1435 \end{array}$$



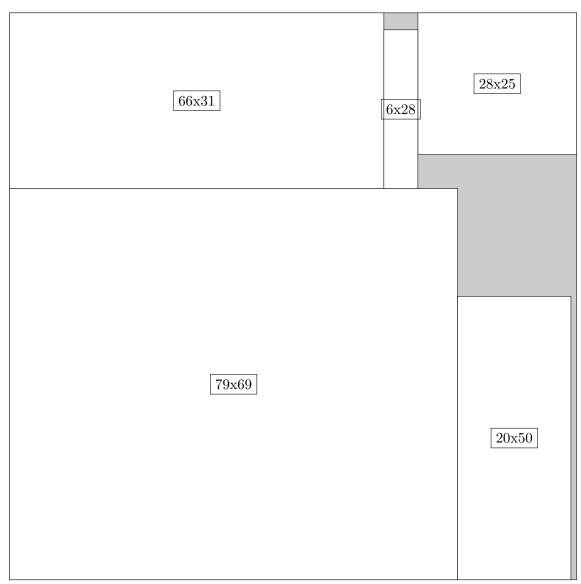
 $\begin{array}{l} w=66 \ , \ h=91 \ , \ x=0 \ , \ y=0 \ , \ v=6006 \\ w=28 \ , \ h=84 \ , \ x=66 \ , \ y=0 \ , \ v=2352 \\ w=6 \ , \ h=76 \ , \ x=94 \ , \ y=0 \ , \ v=456 \\ w=43 \ , \ h=6 \ , \ x=31 \ , \ y=94 \ , \ v=258 \\ w=31 \ , \ h=8 \ , \ x=0 \ , \ y=91 \ , \ v=248 \end{array}$ 



 $\begin{array}{l} w = \!\!61 \;,\; h = \!\!96 \;,\; x = \!\!0 \;,\; y = \!\!0 \;,\; v = \!\!5856 \\ w = \!\!37 \;,\; h = \!\!82 \;,\; x = \!\!61 \;,\; y = \!\!0 \;,\; v = \!\!3034 \\ w = \!\!2 \;,\; h = \!\!61 \;,\; x = \!\!98 \;,\; y = \!\!0 \;,\; v = \!\!122 \end{array}$ 



 $\begin{array}{c} w = 59 \; , \; h = 97 \; , \; x = 0 \; , \; y = 0 \; , \; v = 5723 \\ w = 41 \; , \; h = 91 \; , \; x = 59 \; , \; y = 0 \; , \; v = 3731 \\ \end{array}$ 



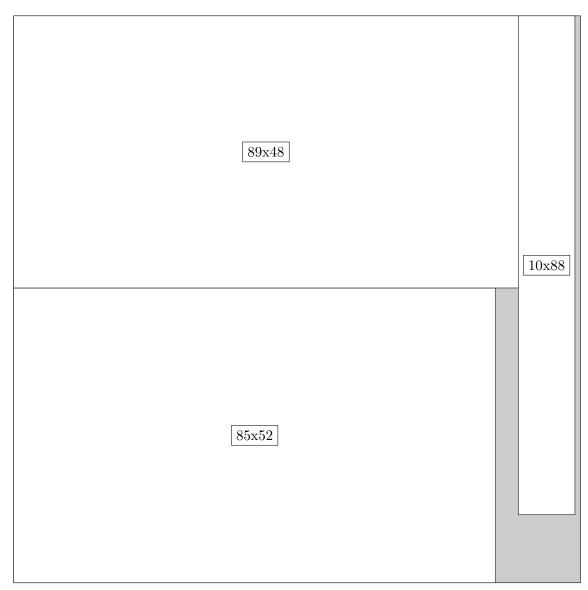
$$\mathbf{w}$$
 =79 ,  $\mathbf{h}$  =69 ,  $\mathbf{x}$  =0 ,  $\mathbf{y}$  =0 ,  $\mathbf{v}$  =5451

$$\le =66$$
 , h =31 , x =0 , y =69 , v =2046

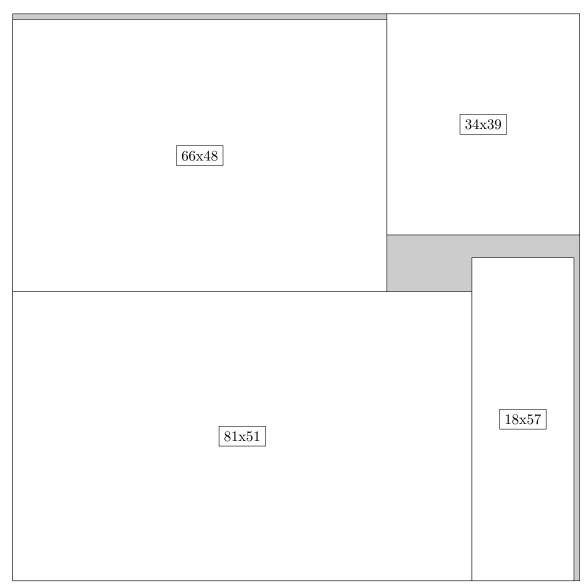
$$\le =20$$
 ,  $h=\!50$  ,  $x=\!79$  ,  $y=\!0$  ,  $v=\!1000$ 

$$\le =28$$
 , h =25 , x =72 , y =75 , v =700

$$w = 6$$
,  $h = 28$ ,  $x = 66$ ,  $y = 69$ ,  $v = 168$ 



$$\begin{array}{l} w = \! 85 \ , \ h = \! 52 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4420 \\ w = \! 89 \ , \ h = \! 48 \ , \ x = \! 0 \ , \ y = \! 52 \ , \ v = \! 4272 \\ w = \! 10 \ , \ h = \! 88 \ , \ x = \! 89 \ , \ y = \! 12 \ , \ v = \! 880 \end{array}$$

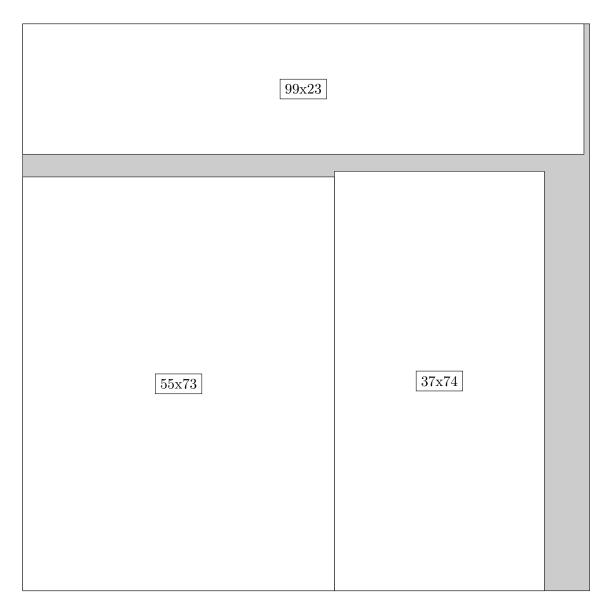


$$\le =81$$
 ,  $h$  =51 ,  $x$  =0 ,  $y$  =0 ,  $v$  =4131

$$\le =66$$
 , h =48 , x =0 , y =51 , v =3168

$$\le =34$$
 , h =39 , x =66 , y =61 , v =1326

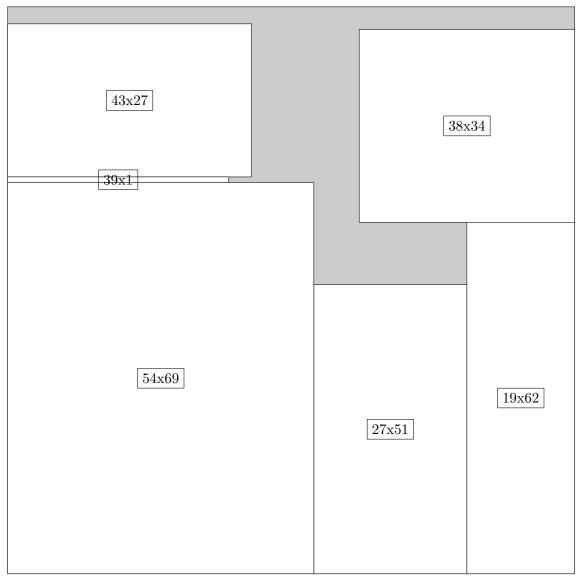
$$\le =18$$
 ,  $h$  =57 ,  $x$  =81 ,  $y$  =0 ,  $v$  =1026



$$\mathbf{w}$$
 =55 , h =73 , x =0 , y =0 , v =4015

$$\le =37$$
 , h =74 , x =55 , y =0 , v =2738

$$\le =99$$
 , h =23 , x =0 , y =77 , v =2277



$$w = 27$$
,  $h = 51$ ,  $x = 54$ ,  $y = 0$ ,  $v = 1377$ 

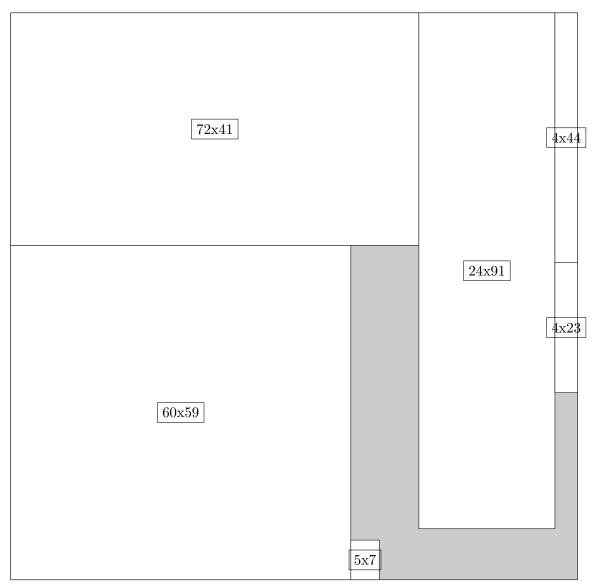
$$\le 38$$
 , h =34 , x =62 , y =62 , v =1292

$$\mathbf{w}$$
 =19 , h =62 , x =81 , y =0 , v =1178

$$\mathbf{w}$$
 =43 , h =27 , x =0 , y =70 , v =1161

$$\le 54$$
 , h =69 , x =0 , y =0 , v =3726

$$\mathbf{w}=\!39$$
 ,  $\mathbf{h}=\!1$  ,  $\mathbf{x}=\!0$  ,  $\mathbf{y}=\!69$  ,  $\mathbf{v}=\!39$ 



$$\begin{array}{l} w=60 \ , \ h=59 \ , \ x=0 \ , \ y=0 \ , \ v=3540 \\ w=72 \ , \ h=41 \ , \ x=0 \ , \ y=59 \ , \ v=2952 \\ w=24 \ , \ h=91 \ , \ x=72 \ , \ y=9 \ , \ v=2184 \\ w=4 \ , \ h=44 \ , \ x=96 \ , \ y=56 \ , \ v=176 \\ w=4 \ , \ h=23 \ , \ x=96 \ , \ y=33 \ , \ v=92 \\ w=5 \ , \ h=7 \ , \ x=60 \ , \ y=0 \ , \ v=35 \end{array}$$



$$\mathbf{w}$$
 =56 , h =59 , x =0 , y =0 , v =3304

$$\le =37$$
 ,  $h$  =50 ,  $x$  =56 ,  $y$  =0 ,  $v$  =1850

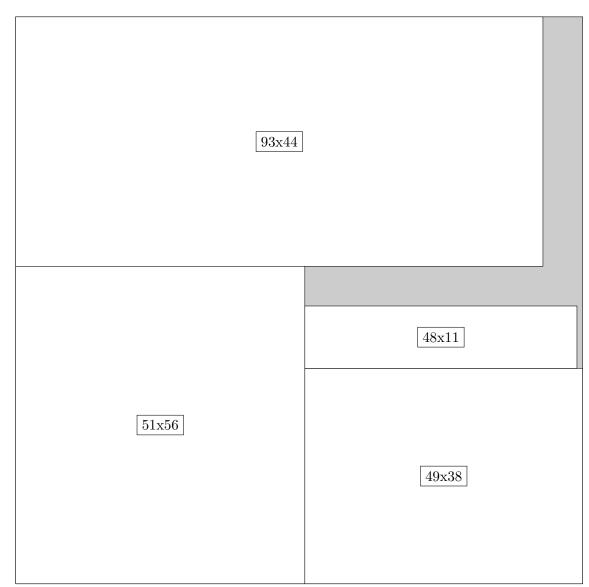
$$\le =38$$
 , h =40 , x =0 , y =59 , v =1520

$$\le =26$$
 ,  $h=\!50$  ,  $x=\!66$  ,  $y=\!50$  ,  $v=\!1300$ 

$$\le =15$$
 , h =38 , x =38 , y =59 , v =570

$$\mathbf{w}$$
 =6 , h =90 , x =93 , y =0 , v =540

$$w = 13$$
,  $h = 33$ ,  $x = 53$ ,  $y = 59$ ,  $v = 429$ 

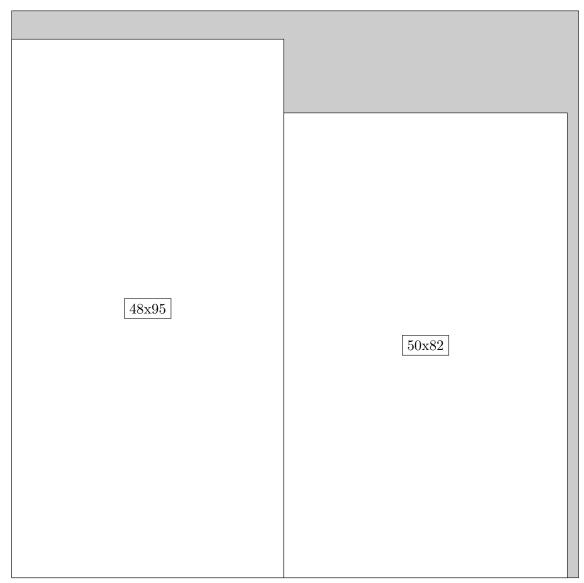


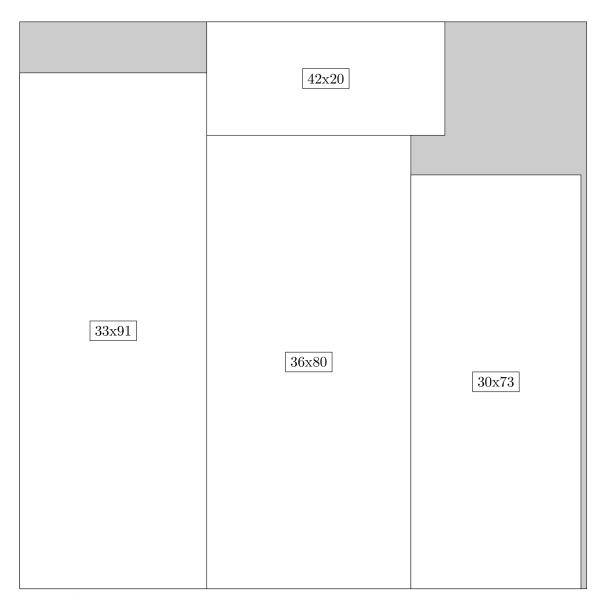
$$\le =93$$
 , h =44 , x =0 , y =  
56 , v =4092

$$\le =51$$
 ,  $h=56$  ,  $x=0$  ,  $y=0$  ,  $v=2856$ 

$$\le =49$$
 , h =38 , x =51 , y =0 , v =1862

$$\mathbf{w}$$
 =48 , h =11 , x =51 , y =38 , v =528



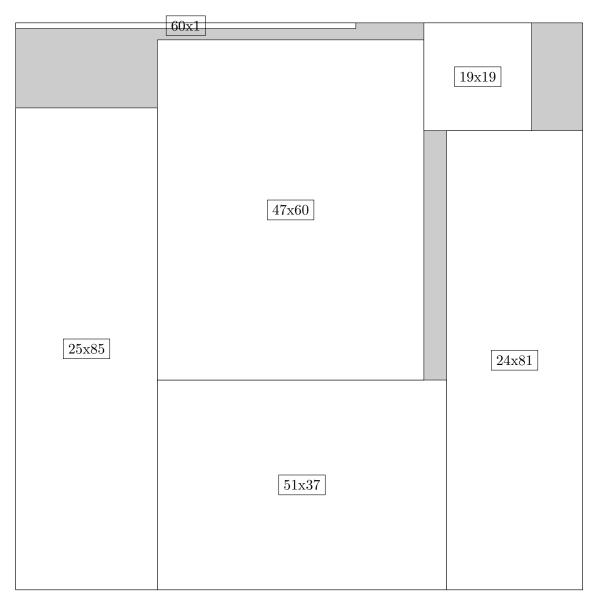


$$\le =33$$
 ,  $\le =91$  ,  $\ge =0$  ,  $\ge =0$  ,  $\ge =3003$ 

$$\le =36$$
 ,  $h=\!80$  ,  $x=\!33$  ,  $y=\!0$  ,  $v=\!2880$ 

$$\le =30$$
 , h =73 , x =69 , y =0 , v =2190

$$\le =42$$
 , h =20 , x =33 , y =80 , v =840



$$w$$
 =24 , h =81 , x =76 , y =0 , v =1944

$$\le =51$$
 , h =37 , x =25 , y =0 , v =1887

$$\le =47$$
 , h =60 , x =25 , y =37 , v =2820

$$w$$
 =19 ,  $h$  =19 ,  $x$  =72 ,  $y$  =81 ,  $v$  =361

$$\mathbf{w}$$
 =60 , h =1 , x =0 , y =99 , v =60