$ClassName: \ Class_05.2bp\text{-}45$

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

TypeNum: <u>100</u> Num: <u>100</u> OutS: <u>340000</u> InS: <u>289969</u> Rate: <u>0.853</u> UB: <u>34</u> LB0: <u>34</u>

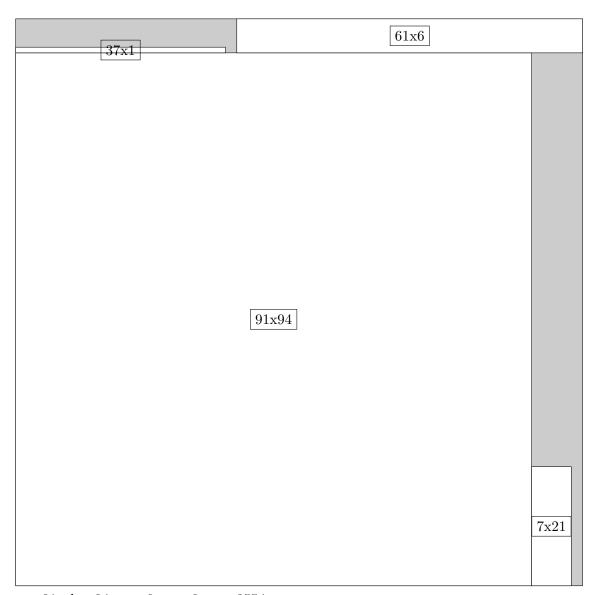
LB: $\underline{34}$ LBWithCut: $\underline{34}$ NodeCut: $\underline{0}$

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

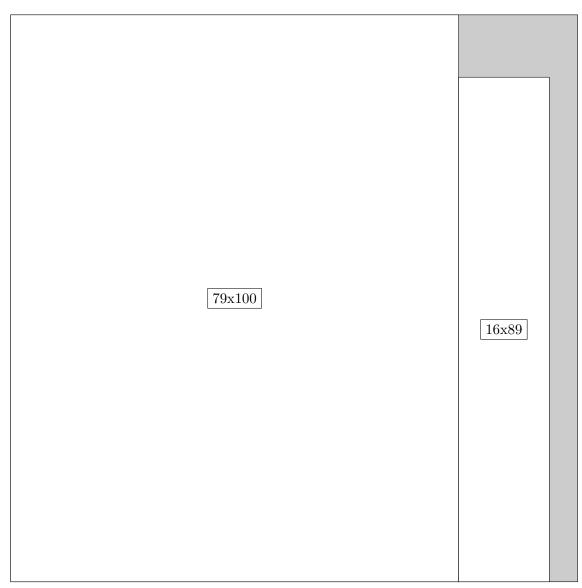
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{34}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

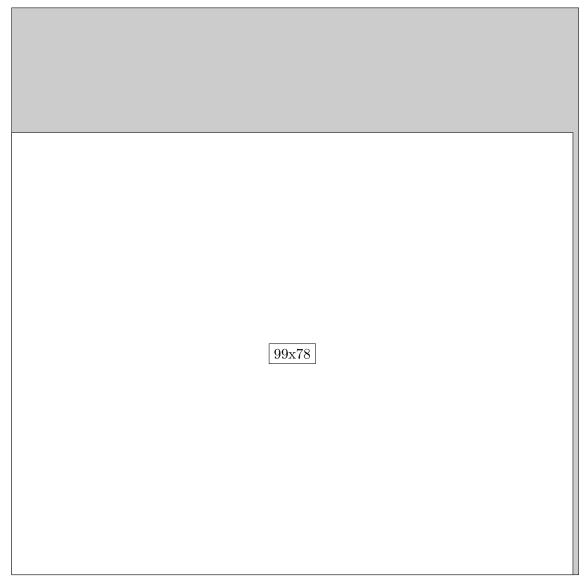
isOpt: **true**

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.560 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.078 \ s} \\ {\rm TotalTime:} \ \underline{0.716 \ s} \end{array}$

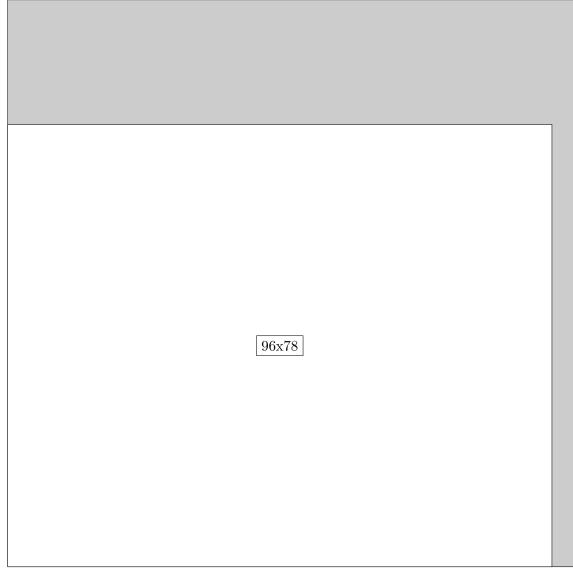


 $\begin{array}{l} w = \! 91 \ , \ h = \! 94 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 8554 \\ w = \! 61 \ , \ h = \! 6 \ , \ x = \! 39 \ , \ y = \! 94 \ , \ v = \! 366 \\ w = \! 7 \ , \ h = \! 21 \ , \ x = \! 91 \ , \ y = \! 0 \ , \ v = \! 147 \\ w = \! 37 \ , \ h = \! 1 \ , \ x = \! 0 \ , \ y = \! 94 \ , \ v = \! 37 \end{array}$

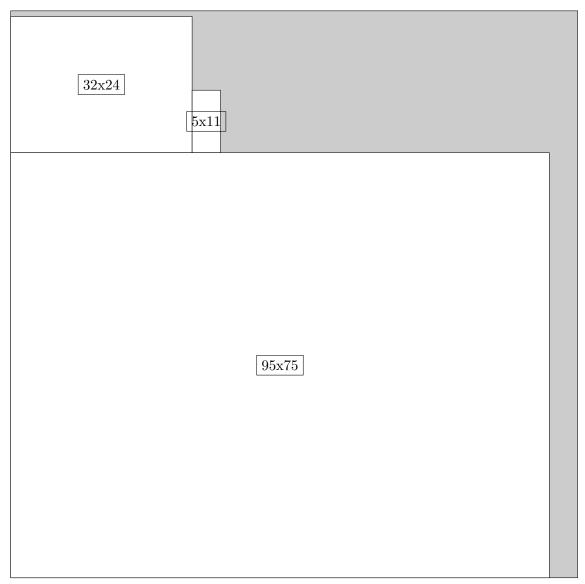




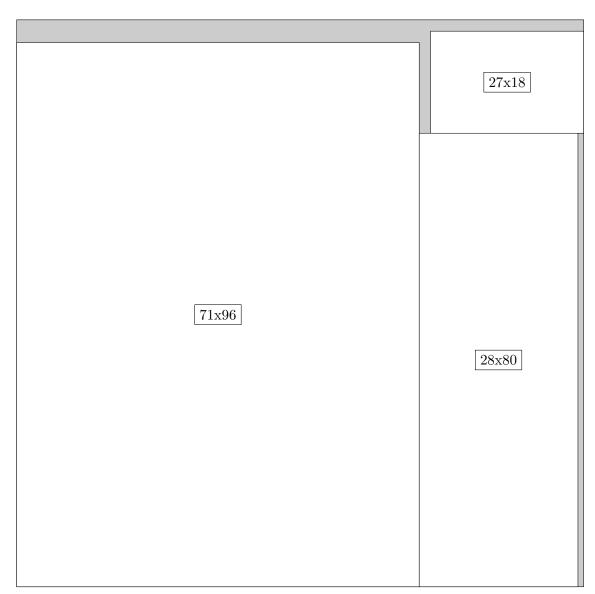
 $\le =99$, h =78 , x =0 , y =0 , v =7722



 $\le =96$, h =78 , x =0 , y =0 , v =7488



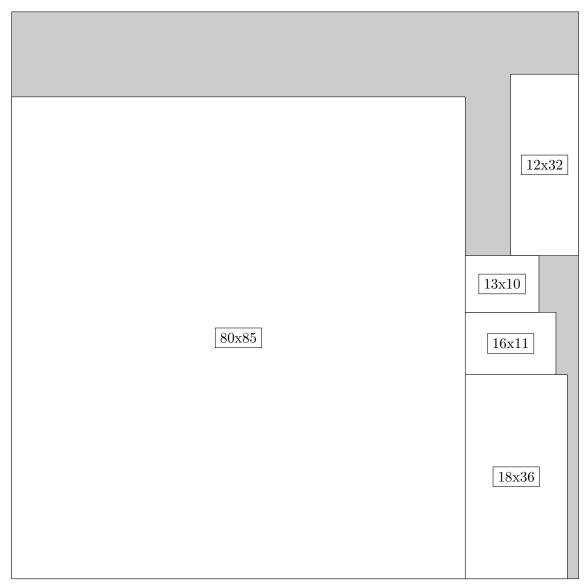
$$\begin{array}{l} w = \! 95 \ , \ h = \! 75 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7125 \\ w = \! 32 \ , \ h = \! 24 \ , \ x = \! 0 \ , \ y = \! 75 \ , \ v = \! 768 \\ w = \! 5 \ , \ h = \! 11 \ , \ x = \! 32 \ , \ y = \! 75 \ , \ v = \! 55 \end{array}$$



$$w = 71$$
, $h = 96$, $x = 0$, $y = 0$, $v = 6816$

$$\le =28$$
 , h =80 , x =71 , y =0 , v =2240

$$\le =27$$
 , h =18 , x =73 , y =80 , v =486



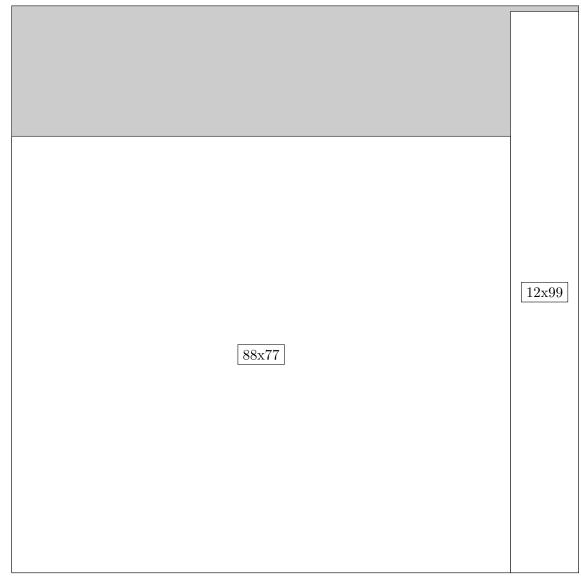
$$w=\!80$$
 , $h=\!85$, $x=\!0$, $y=\!0$, $v=\!6800$

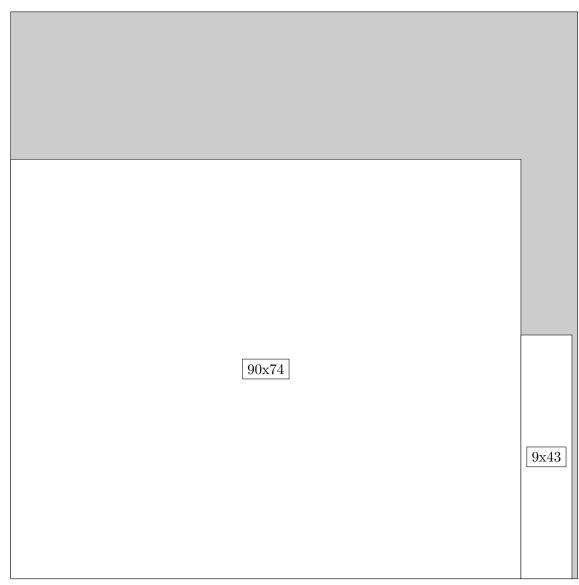
$$\le =18$$
 , $h=36$, $x=\!80$, $y=\!0$, $v=\!648$

$$\le =12$$
 , h =32 , x =88 , y =57 , v =384

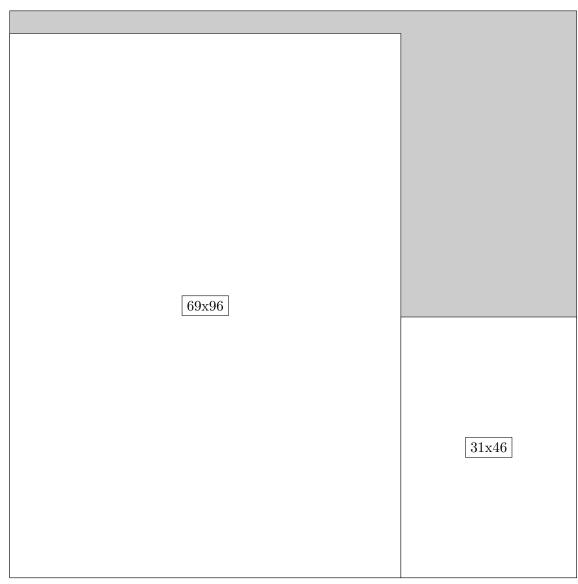
$$\le =16$$
 , $h=11$, $x=80$, $y=36$, $v=176$

$$\le =13$$
 , h =10 , x =80 , y =47 , v =130

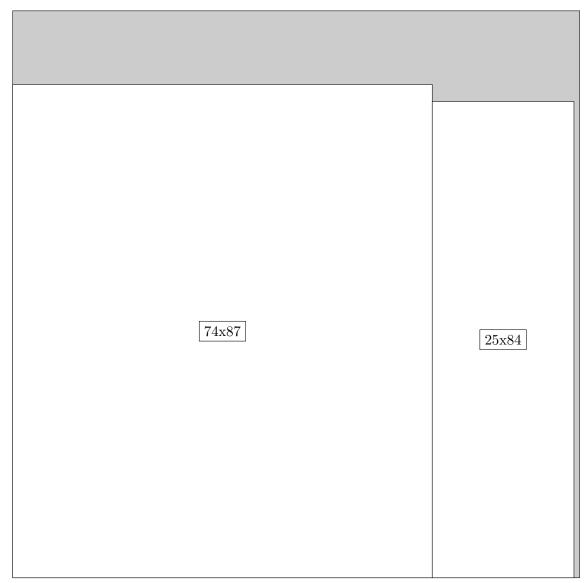


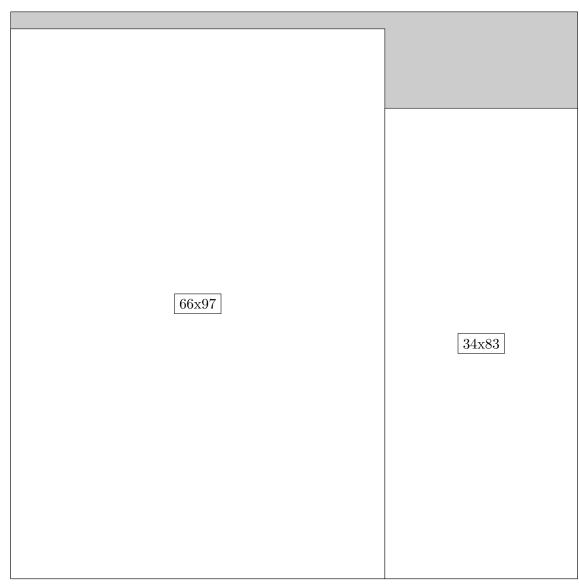


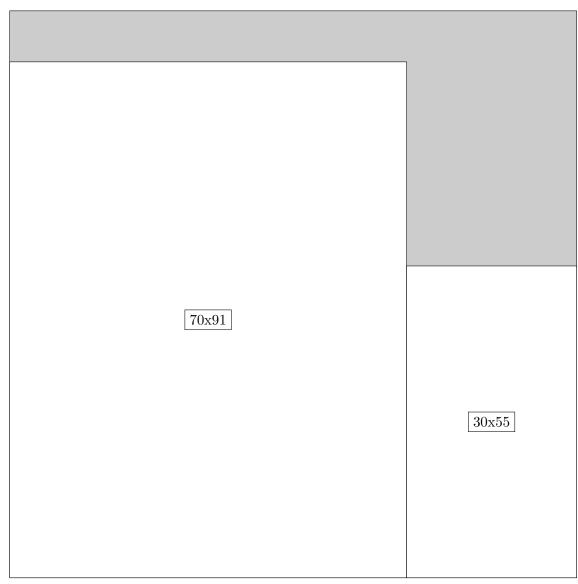
w =90, h =74, x =0, y =0, v =6660 w =9, h =43, x =90, y =0, v =387

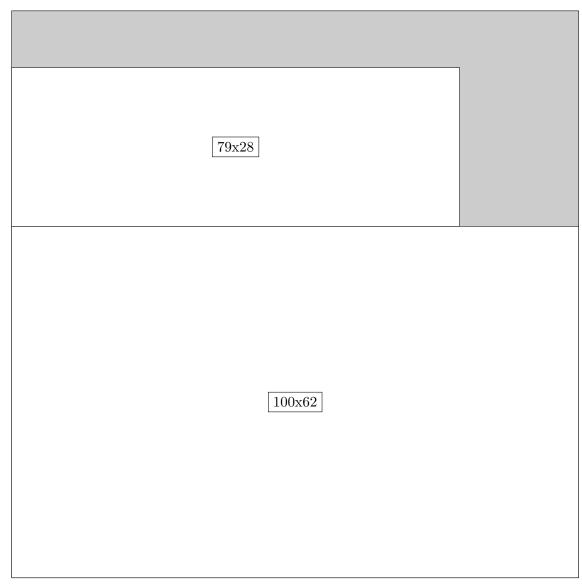


$$\begin{array}{c} w = 69 \; , \; h = 96 \; , \; x = 0 \; , \; y = 0 \; , \; v = 6624 \\ w = 31 \; , \; h = 46 \; , \; x = 69 \; , \; y = 0 \; , \; v = 1426 \\ \end{array}$$









$$\begin{array}{c} w = \! 100 \; , \; h = \! 62 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 6200 \\ w = \! 79 \; , \; h = \! 28 \; , \; x = \! 0 \; , \; y = \! 62 \; , \; v = \! 2212 \end{array}$$

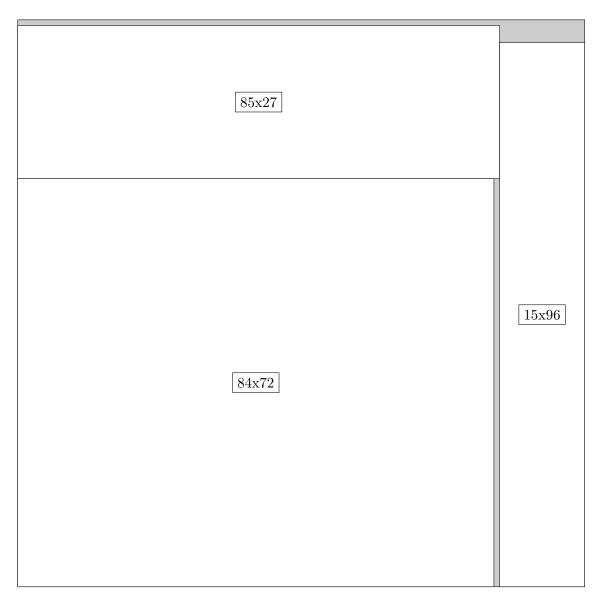
39x5	59x12	
70x88		21x88

$$\le =70$$
 , h =88 , x =0 , y =0 , v =6160

$$\le =21$$
 , h =88 , x =70 , y =0 , v =1848

$$\le =59$$
 , h =12 , x =41 , y =88 , v =708

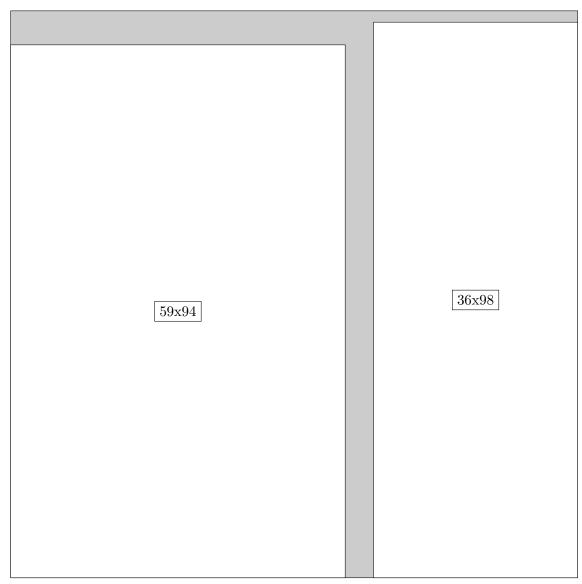
$$\le =39$$
 , h =5 , x =0 , y =88 , v =195



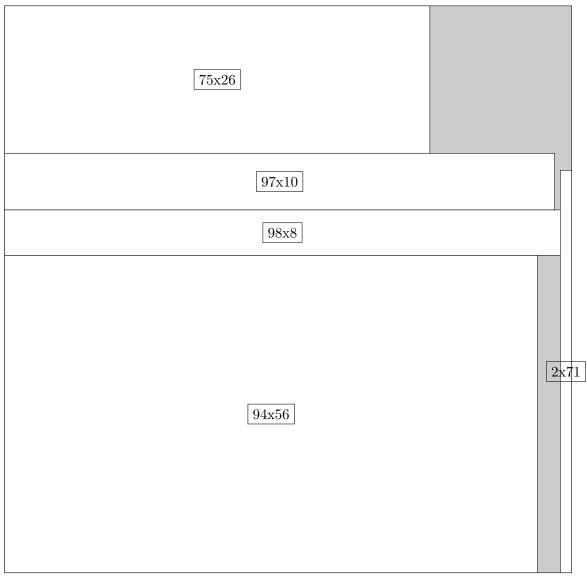
$$w = 84$$
, $h = 72$, $x = 0$, $y = 0$, $v = 6048$

$$\le =85$$
 , h =27 , x =0 , y =72 , v =2295

$$\le =15$$
 , $h=96$, $x=85$, $y=0$, $v=1440$



w = 59, h = 94, x = 0, y = 0, v = 5546 w = 36, h = 98, x = 64, y = 0, v = 3528



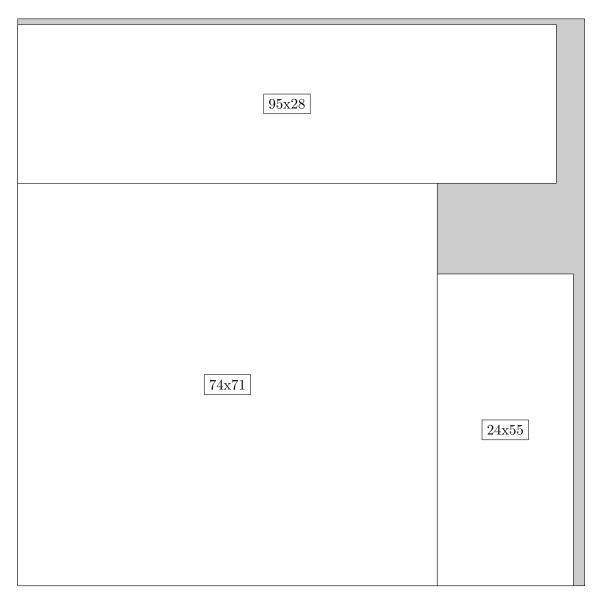
$$\le =94$$
 , h =
56 , x =0 , y =
0 , v =
5264

$$\le =75$$
 , h =26 , x =0 , y =74 , v =1950

$$w = 97 \ , \ h = 10 \ , \ x = 0 \ , \ y = 64 \ , \ v = 970$$

$$\le =98$$
 , h =8 , x =0 , y =
56 , v =
784

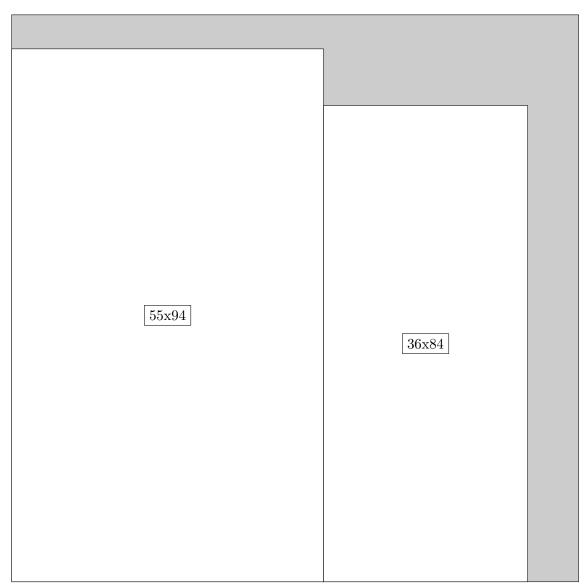
$$w = 2$$
, $h = 71$, $x = 98$, $y = 0$, $v = 142$



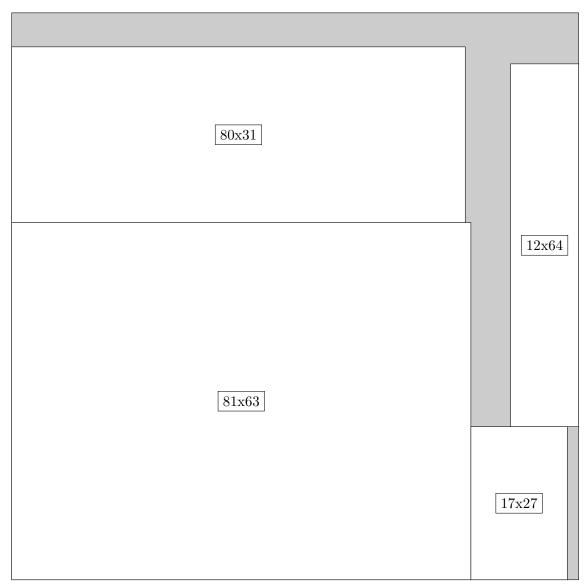
$$w = 74$$
, $h = 71$, $x = 0$, $y = 0$, $v = 5254$

$$\le =95$$
 , h =28 , x =0 , y =71 , v =2660

$$\le =24$$
 , h =
55 , x =
74 , y =
0 , v =
1320



w = 55, h = 94, x = 0, y = 0, v = 5170 w = 36, h = 84, x = 55, y = 0, v = 3024

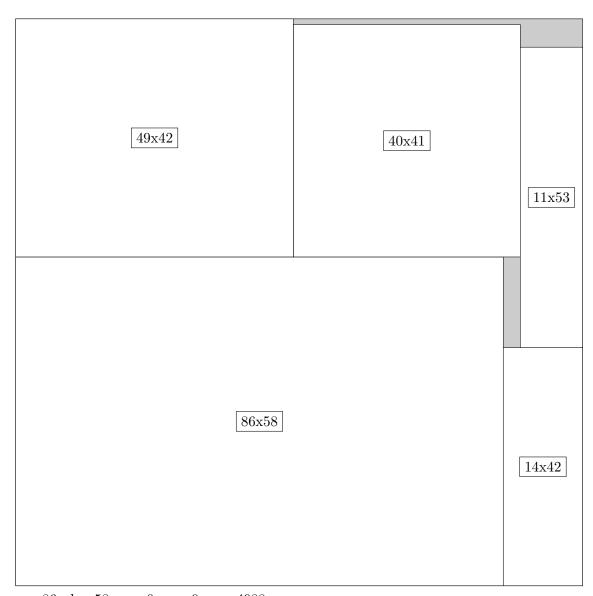


$$w = 81$$
 , $h = 63$, $x = 0$, $y = 0$, $v = 5103$

$$\le =80$$
 , h =31 , x =0 , y =63 , v =2480

$$\le =12$$
 , $h=64$, $x=88$, $y=27$, $v=768$

$$\le =17$$
 , h =27 , x =81 , y =0 , v =459



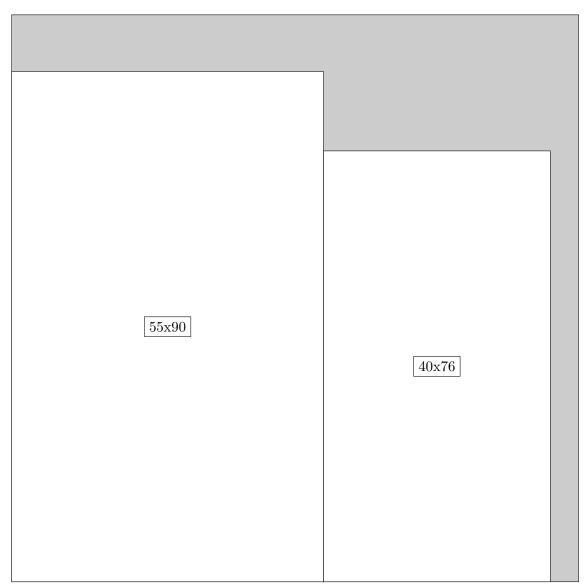
$$\le =86$$
 , $h=58$, $x=0$, $y=0$, $v=4988$

$$\le =49$$
 , h =42 , x =0 , y =58 , v =2058

$$\le =40$$
 , $h=\!41$, $x=\!49$, $y=\!58$, $v=\!1640$

$$\mathbf{w}$$
 =14 , h =42 , x =86 , y =0 , v =588

$$w$$
 =11 , h =53 , x =89 , y =42 , v =583





$$\le =83$$
 , h =
56 , x =0 , y =
0 , v =
4648

$$\le -73$$
 , h =31 , x =0 , y =59 , v =2263

$$\le =16$$
 , $h=72$, $x=84$, $y=0$, $v=1152$

$$\le =80$$
 , h =3 , x =0 , y =
56 , v =
240

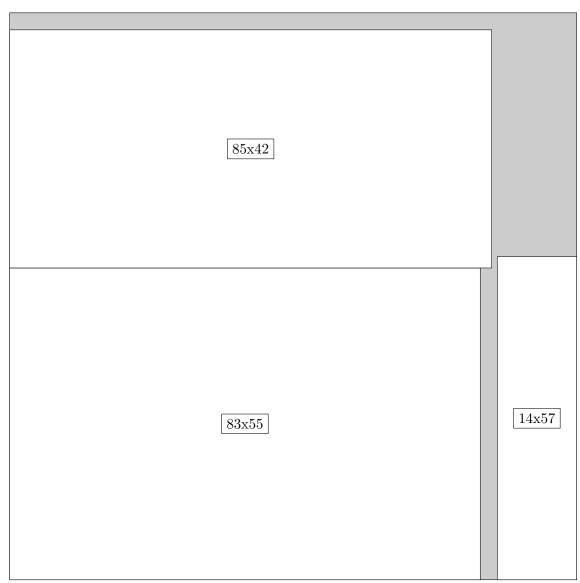


$$\mathbf{w}$$
 =66 , h =70 , x =0 , y =0 , v =4620

$$\le =33$$
 , h =65 , x =66 , y =0 , v =2145

$$\le =64$$
 , h =29 , x =0 , y =70 , v =1856

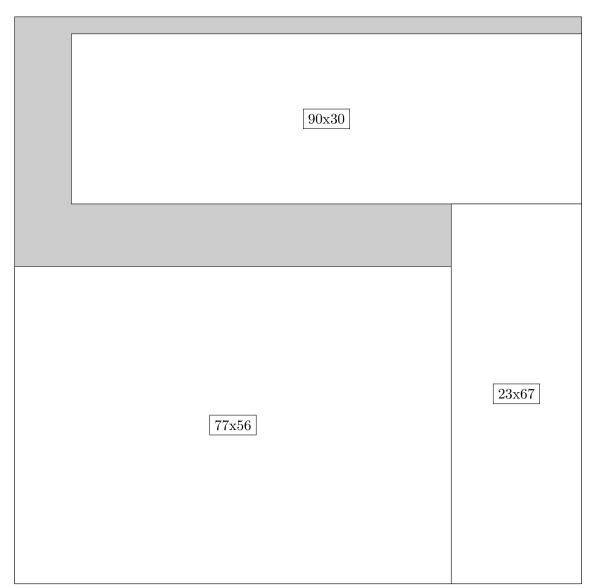
$$\le =33$$
 , h =31 , x =67 , y =65 , v =1023



$$\le =83$$
 , h =55 , x =0 , y =0 , v =4565

$$\le =85$$
 , h =42 , x =0 , y =55 , v =3570

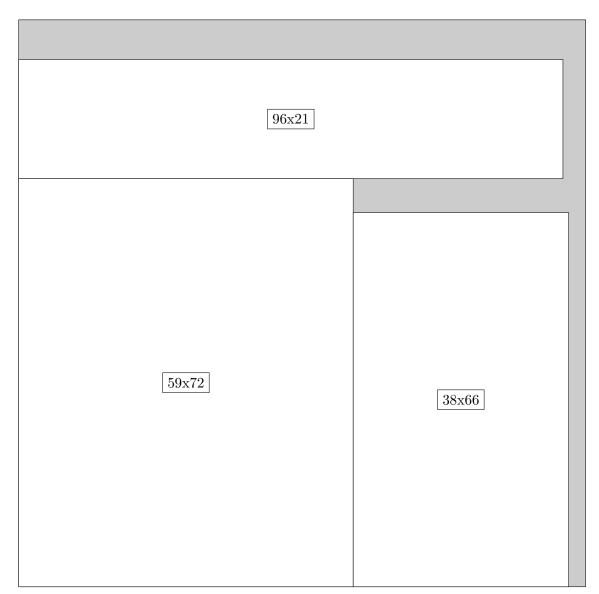
$$\le =14$$
 , h =57 , x =86 , y =0 , v =798



$$\le =77$$
 , h =
56 , x =
0 , y =
0 , v =
4312

$$\le =90$$
 , h =30 , x =10 , y =67 , v =2700

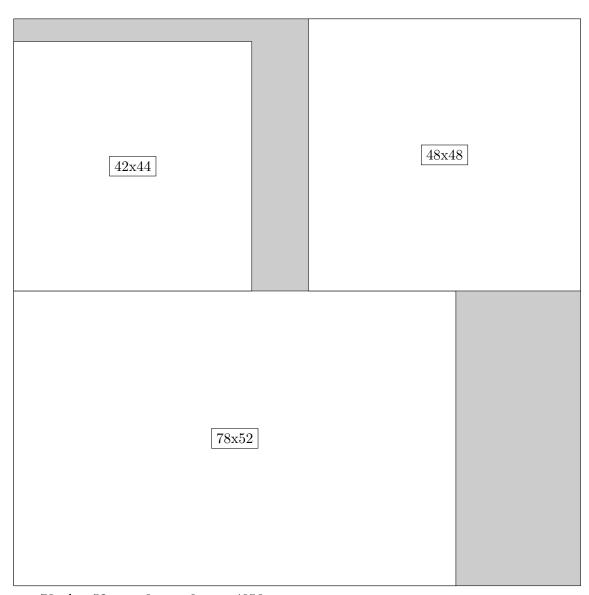
$$\le =23$$
 , h =67 , x =77 , y =0 , v =1541



$$\mathbf{w}$$
 =59 , h =72 , x =0 , y =0 , v =4248

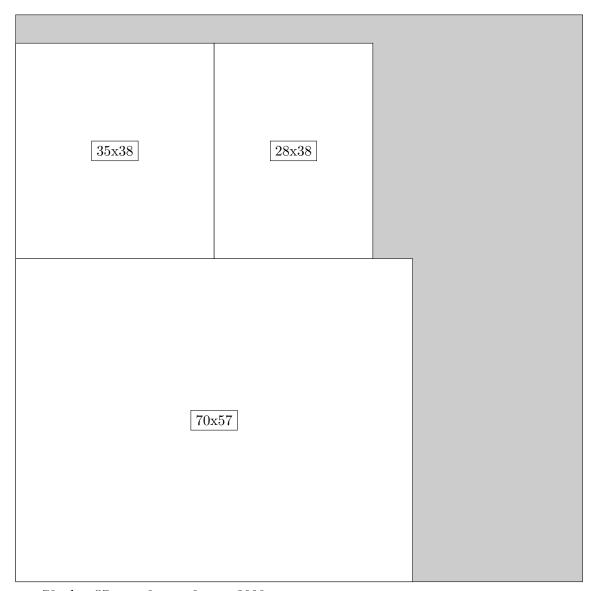
$$\le =38$$
 , h =66 , x =59 , y =0 , v =2508

$$\le =96$$
 , h =21 , x =0 , y =72 , v =2016



$$w=\!78$$
 , $h=\!52$, $x=\!0$, $y=\!0$, $v=\!4056$ $w=\!48$, $h=\!48$, $x=\!52$, $y=\!52$, $v=\!2304$

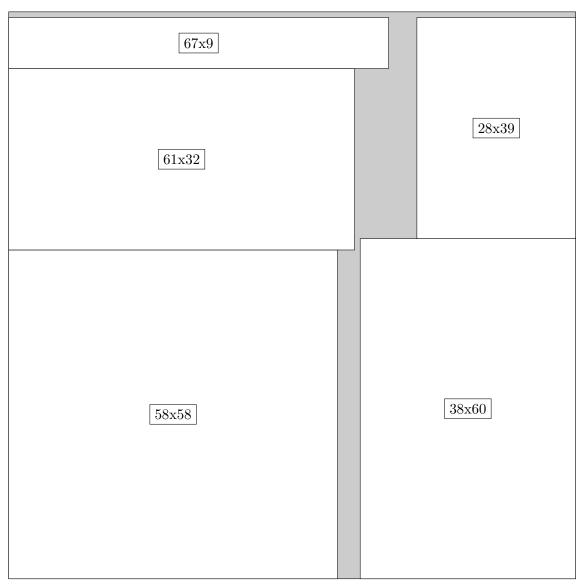
$$\le =42$$
 , $h=44$, $x=0$, $y=52$, $v=1848$



$$\le =70$$
 , h =57 , x =0 , y =0 , v =3990

$$\le =35$$
 , h =38 , x =0 , y =57 , v =1330

$$\le =28$$
 , h =38 , x =35 , y =57 , v =1064



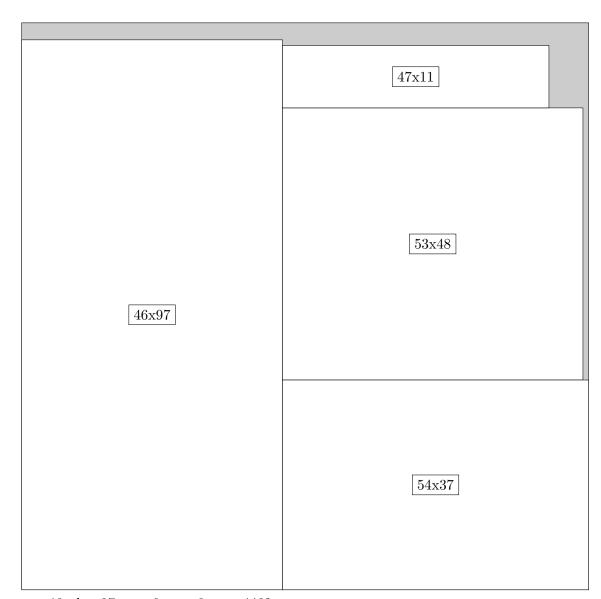
$$w=\!58$$
 , $h=\!58$, $x=\!0$, $y=\!0$, $v=\!3364$

$$\le =38$$
 , h =60 , x =62 , y =0 , v =2280

$$\le =61$$
 , h $=32$, x $=0$, y $=58$, v $=1952$

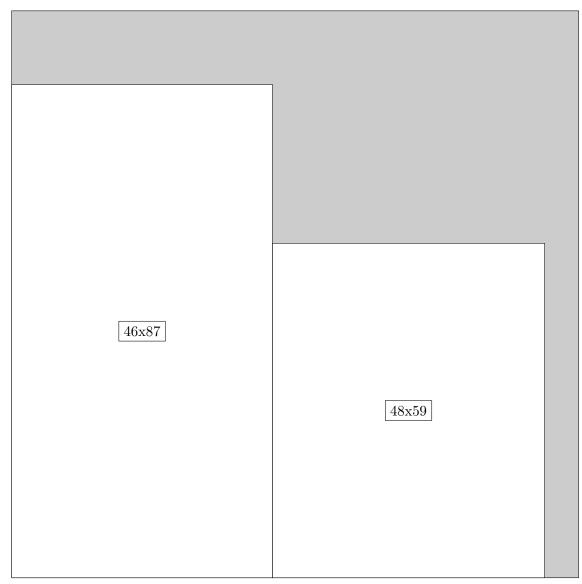
$$\le =28$$
 , h =39 , x =72 , y =60 , v =1092

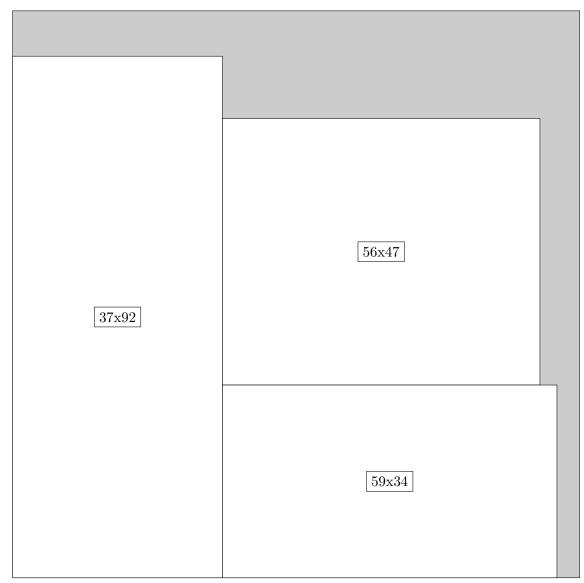
$$w = 67$$
, $h = 9$, $x = 0$, $y = 90$, $v = 603$



$$\le =54$$
 , h =37 , x =46 , y =0 , v =1998

$$w$$
 =47 , h =11 , x =46 , y =85 , v =517





$$\le =37$$
 , h =92 , x =0 , y =0 , v =3404

$$\le =56$$
 , h =47 , x =37 , y =34 , v =2632

$$\mathbf{w}$$
 =59 , h =34 , x =37 , y =0 , v =2006