$ClassName: \ Class_07.2bp-49$

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

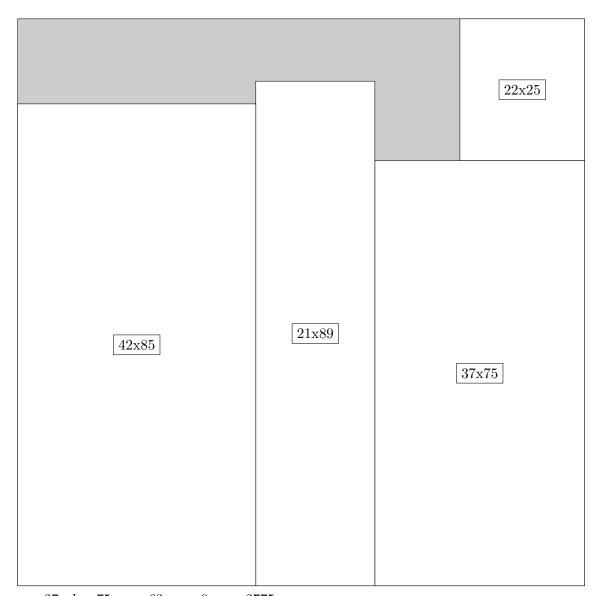
TypeNum: <u>99</u> Num: <u>100</u> OutS: <u>310000</u> InS: <u>272081</u> Rate: <u>0.878</u> UB: <u>31</u>

LB: $\underline{\bf 31}$ LBWithCut: $\underline{\bf 31}$ NodeCount: $\underline{\bf 0}$ PrimalNode: $\underline{\bf 0}$ ColumnCount: $\underline{\bf 31}$ TotalCutCount: $\underline{\bf 0}$ RootCutCount: $\underline{\bf 0}$ LPSolverCnt: $\underline{\bf 1}$ PricingSolverCnt: $\underline{\bf 0}$

isOpt: **true**

 $\begin{array}{ll} \text{TimeOnPrimal: } \underline{0.000 \text{ s}} \\ \text{TimeOnPricing: } \underline{0.000 \text{ s}} \\ \text{TimeOnRmp: } \underline{0.063 \text{ s}} \\ \text{TotalTime: } \underline{0.219 \text{ s}} \end{array}$

Branch And
Bound Num: $\underline{\mathbf{1}}$

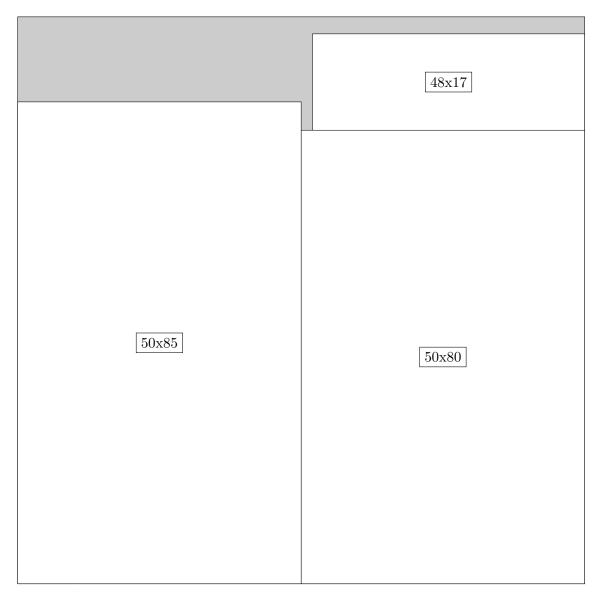


$$\le =37$$
 , h =75 , x =63 , y =0 , v =2775

$$\le =22$$
 , h =25 , x =78 , y =75 , v =550

$$\le =21$$
 , h =89 , x =42 , y =0 , v =1869

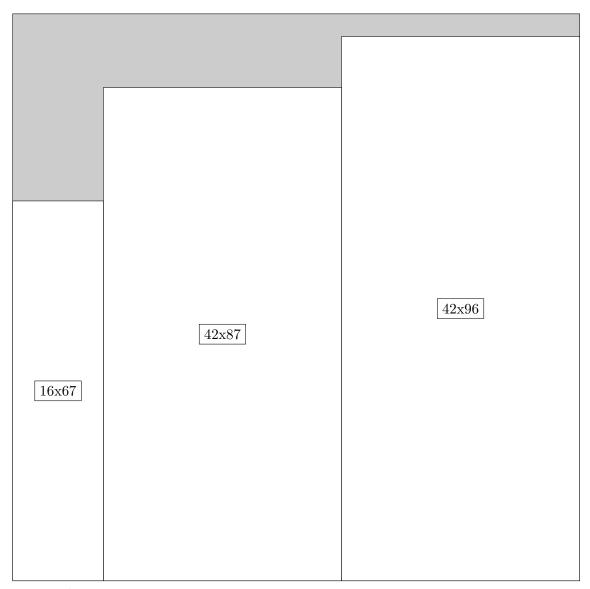
$$\le =42$$
 , h =85 , x =0 , y =0 , v =3570



$$\le =50$$
 , h =80 , x =50 , y =0 , v =4000

$$\le =48$$
 , h =17 , x =52 , y =80 , v =816

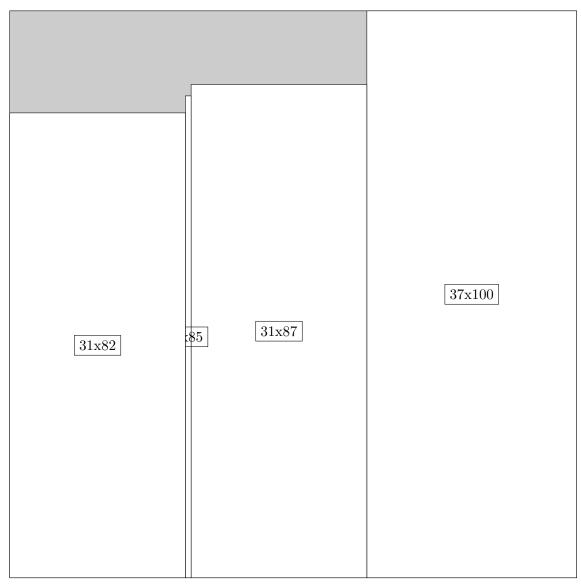
$$\le =50$$
 , h =85 , x =0 , y =0 , v =4250



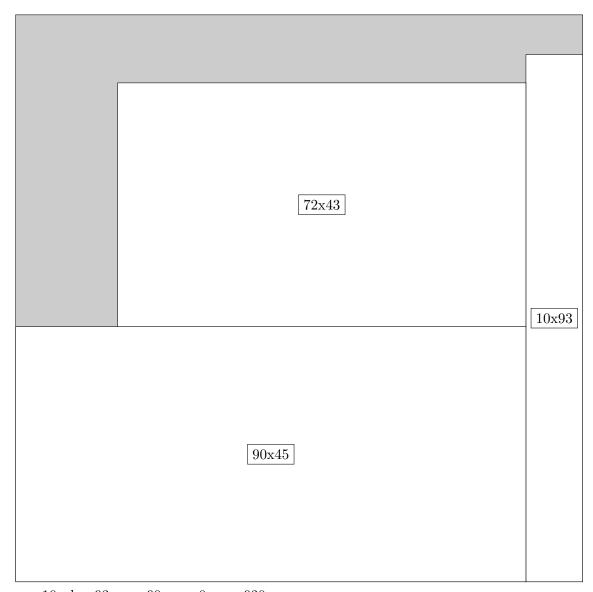
$$\le =42$$
 , h =96 , x =58 , y =0 , v =4032

$$\le =42$$
 , $h=87$, $x=16$, $y=0$, $v=3654$

$$\mathbf{w}$$
 =16 , h =67 , x =0 , y =0 , v =1072



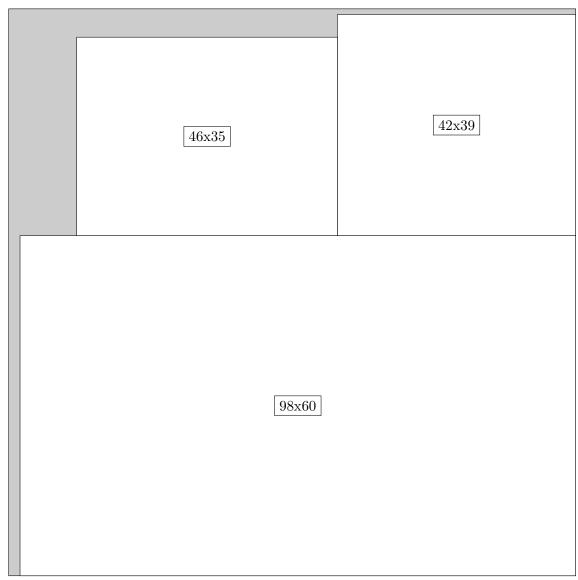
 $\begin{array}{l} w = & 37 \;,\; h = & 100 \;,\; x = & 63 \;,\; y = & 0 \;,\; v = & 3700 \\ w = & 31 \;,\; h = & 87 \;,\; x = & 32 \;,\; y = & 0 \;,\; v = & 2697 \\ w = & 1 \;,\; h = & 85 \;,\; x = & 31 \;,\; y = & 0 \;,\; v = & 85 \\ w = & 31 \;,\; h = & 82 \;,\; x = & 0 \;,\; y = & 0 \;,\; v = & 2542 \end{array}$



$$\le =10$$
 , h =93 , x =90 , y =0 , v =930

$$\le =90$$
 , h =45 , x =0 , y =0 , v =4050

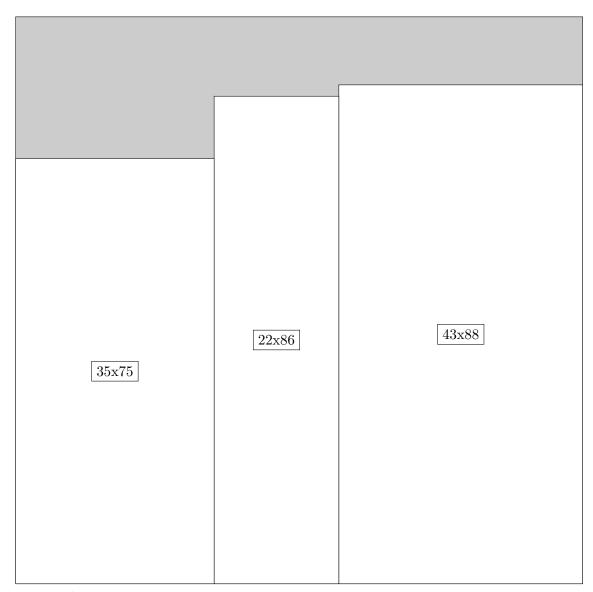
$$\le =72$$
 , h =43 , x =18 , y =45 , v =3096



$$\le =98$$
 , h =60 , x =2 , y =0 , v =5880

$$\le =42$$
 , h =39 , x =58 , y =60 , v =1638

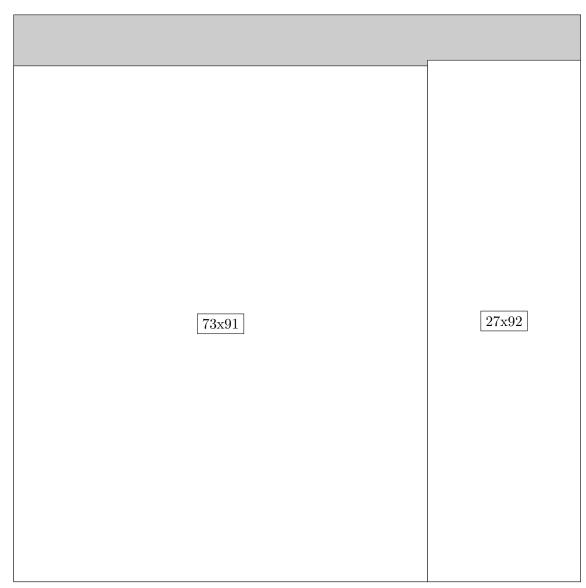
$$\le =46$$
 , h =35 , x =12 , y =60 , v =1610



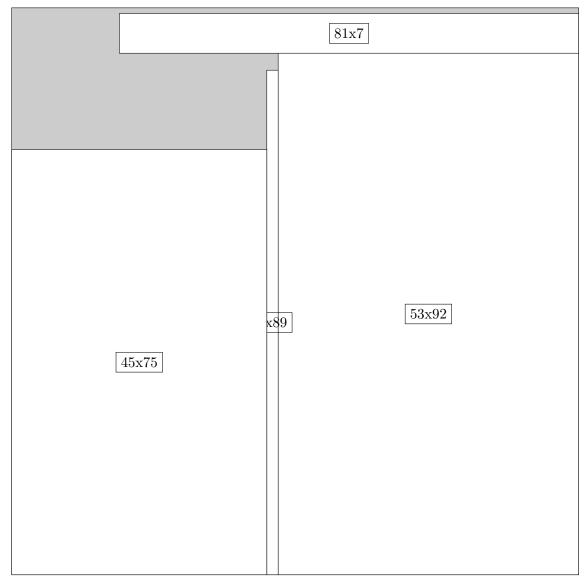
$$\le =43$$
 , h =88 , x =57 , y =0 , v =3784

$$\le =22$$
 , h =86 , x =35 , y =0 , v =1892

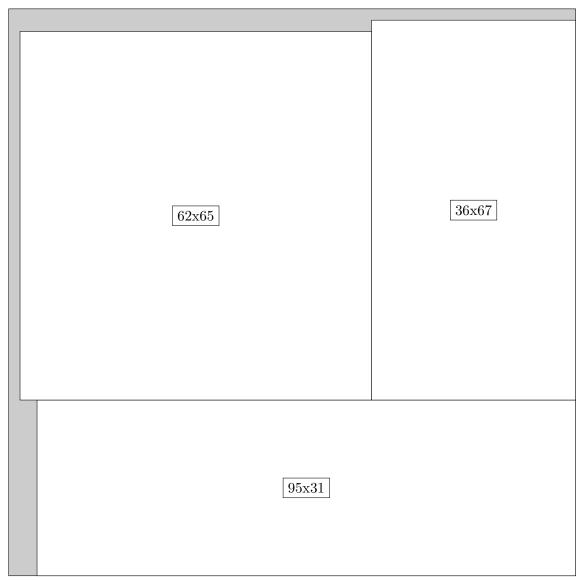
$$\le =35$$
 , h =75 , x =0 , y =0 , v =2625



$$\begin{array}{l} w = 27 \ , \ h = 92 \ , \ x = 73 \ , \ y = 0 \ , \ v = 2484 \\ w = 73 \ , \ h = 91 \ , \ x = 0 \ , \ y = 0 \ , \ v = 6643 \end{array}$$



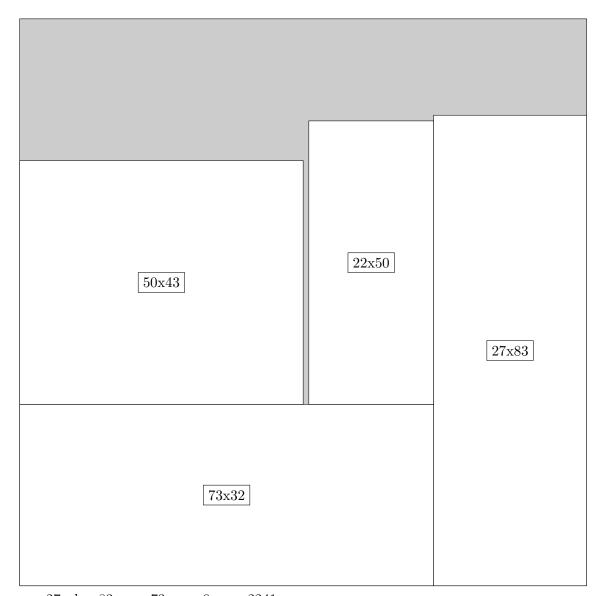
 $\begin{array}{l} w = \!\! 53 \ , \ h = \!\! 92 \ , \ x = \!\! 47 \ , \ y = \!\! 0 \ , \ v = \!\! 4876 \\ w = \!\! 2 \ , \ h = \!\! 89 \ , \ x = \!\! 45 \ , \ y = \!\! 0 \ , \ v = \!\! 178 \\ w = \!\! 45 \ , \ h = \!\! 75 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3375 \\ w = \!\! 81 \ , \ h = \!\! 7 \ , \ x = \!\! 19 \ , \ y = \!\! 92 \ , \ v = \!\! 567 \end{array}$



$$\le =95$$
 , h =31 , x =5 , y =0 , v =2945

$$\le =36$$
 , h =67 , x =64 , y =31 , v =2412

$$\le =62$$
 , h =65 , x =2 , y =31 , v =4030

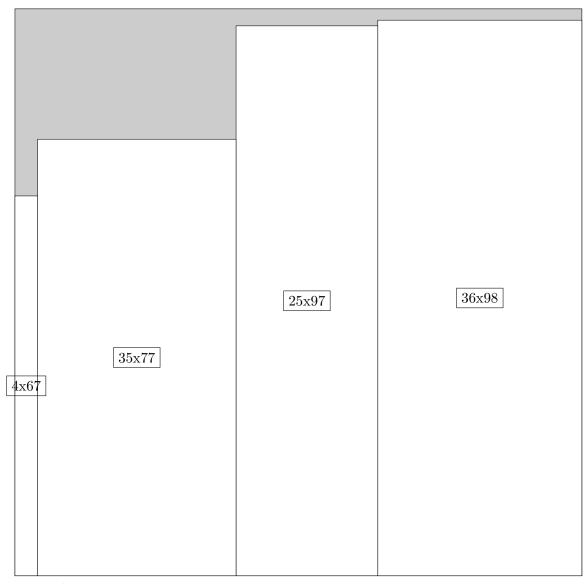


$$\le =27$$
 , h =83 , x =73 , y =0 , v =2241

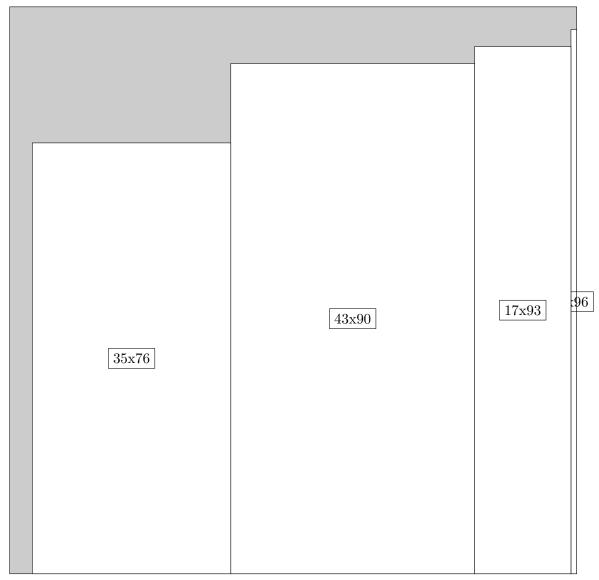
$$\le -73$$
 , h =32 , x =0 , y =0 , v =2336

$$\le =22$$
 , h =50 , x =51 , y =32 , v =1100

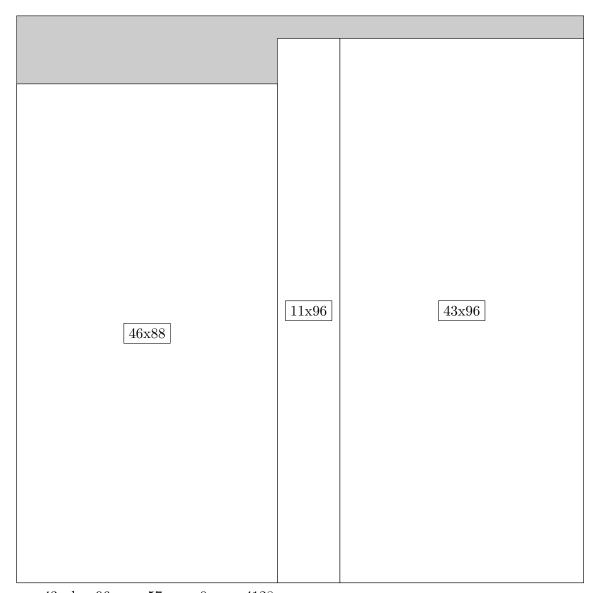
$$\le =50$$
 , h =43 , x =0 , y =32 , v =2150



 $\begin{array}{l} w = & 36 \ , \ h = & 98 \ , \ x = & 64 \ , \ y = & 0 \ , \ v = & 3528 \\ w = & 25 \ , \ h = & 97 \ , \ x = & 39 \ , \ y = & 0 \ , \ v = & 2425 \\ w = & 35 \ , \ h = & 77 \ , \ x = & 4 \ , \ y = & 0 \ , \ v = & 2695 \\ w = & 4 \ , \ h = & 67 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 268 \end{array}$



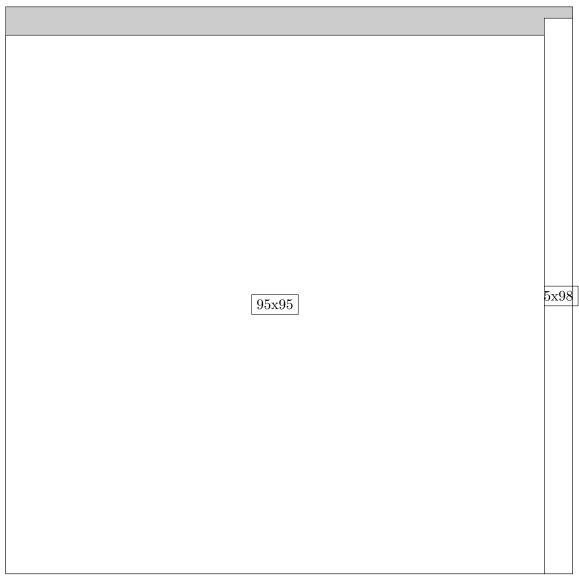
 $\begin{array}{l} w=1\ ,\ h=96\ ,\ x=99\ ,\ y=0\ ,\ v=96\\ w=17\ ,\ h=93\ ,\ x=82\ ,\ y=0\ ,\ v=1581\\ w=43\ ,\ h=90\ ,\ x=39\ ,\ y=0\ ,\ v=3870\\ w=35\ ,\ h=76\ ,\ x=4\ ,\ y=0\ ,\ v=2660 \end{array}$



 $\le =43$, h =96 , x =57 , y =0 , v =4128

 $\le =11$, h =96 , x =46 , y =0 , v =1056

 $\le =46$, h =88 , x =0 , y =0 , v =4048

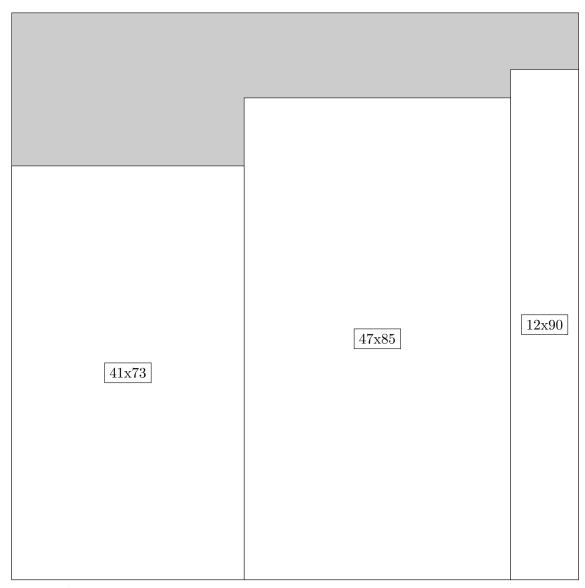


	04.05	49.05
33x94	24x95	$\boxed{43\mathrm{x}95}$

 $\le =43$, h=95 , x=57 , y=0 , v=4085

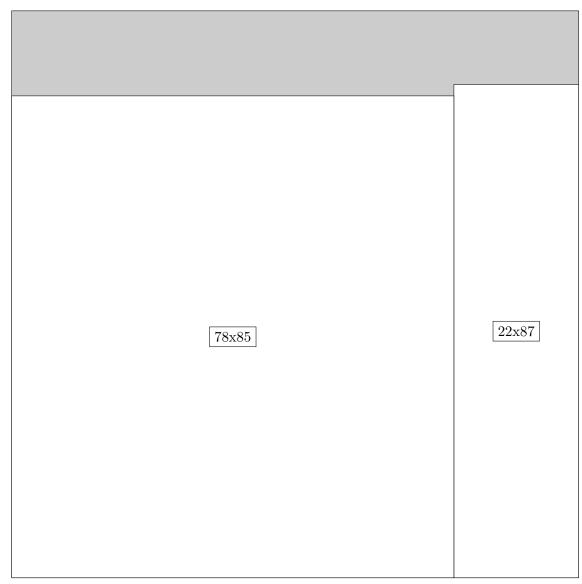
 $\le =24$, h =95 , x =33 , y =0 , v =2280

 $\le =33$, h =94 , x =0 , y =0 , v =3102

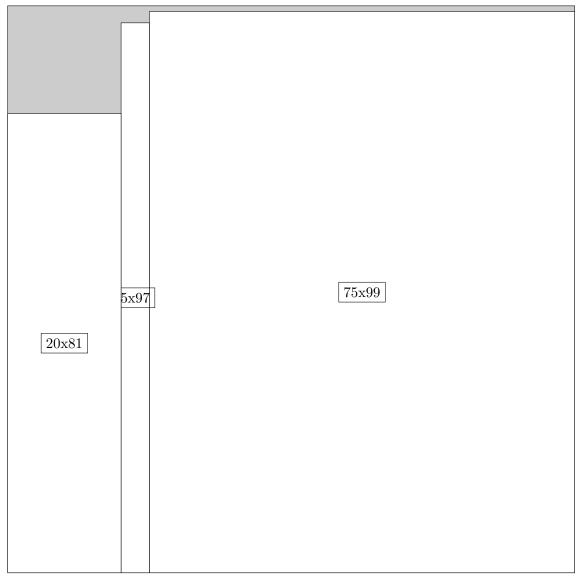


$$\begin{array}{l} w = & 12 \ , \ h = & 90 \ , \ x = & 88 \ , \ y = & 0 \ , \ v = & 1080 \\ w = & 47 \ , \ h = & 85 \ , \ x = & 41 \ , \ y = & 0 \ , \ v = & 3995 \end{array}$$

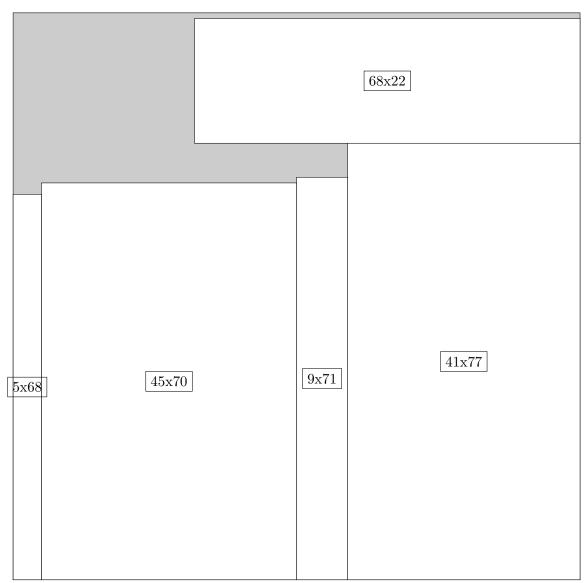
$$w = 41$$
 , $h = 73$, $x = 0$, $y = 0$, $v = 2993$



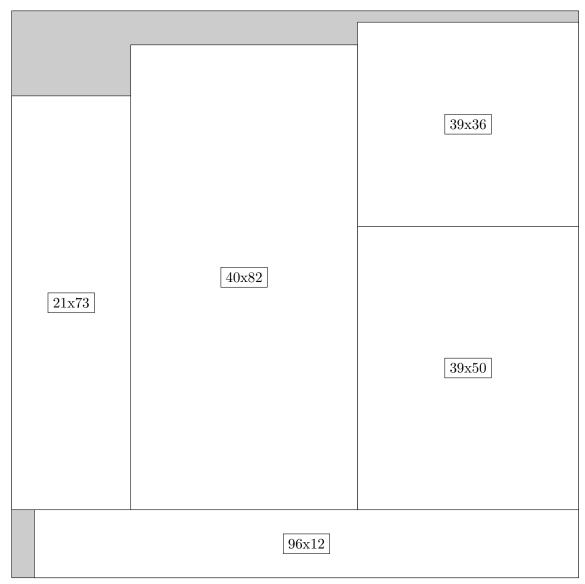
$$\begin{array}{l} w = \! 22 \ , \ h = \! 87 \ , \ x = \! 78 \ , \ y = \! 0 \ , \ v = \! 1914 \\ w = \! 78 \ , \ h = \! 85 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6630 \end{array}$$



 $\begin{array}{l} w = \! 75 \ , \ h = \! 99 \ , \ x = \! 25 \ , \ y = \! 0 \ , \ v = \! 7425 \\ w = \! 5 \ , \ h = \! 97 \ , \ x = \! 20 \ , \ y = \! 0 \ , \ v = \! 485 \\ w = \! 20 \ , \ h = \! 81 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1620 \end{array}$



 $\begin{array}{l} w = \! 41 \; , \; h = \! 77 \; , \; x = \! 59 \; , \; y = \! 0 \; , \; v = \! 3157 \\ w = \! 9 \; , \; h = \! 71 \; , \; x = \! 50 \; , \; y = \! 0 \; , \; v = \! 639 \\ w = \! 45 \; , \; h = \! 70 \; , \; x = \! 5 \; , \; y = \! 0 \; , \; v = \! 3150 \\ w = \! 5 \; , \; h = \! 68 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 340 \\ w = \! 68 \; , \; h = \! 22 \; , \; x = \! 32 \; , \; y = \! 77 \; , \; v = \! 1496 \end{array}$



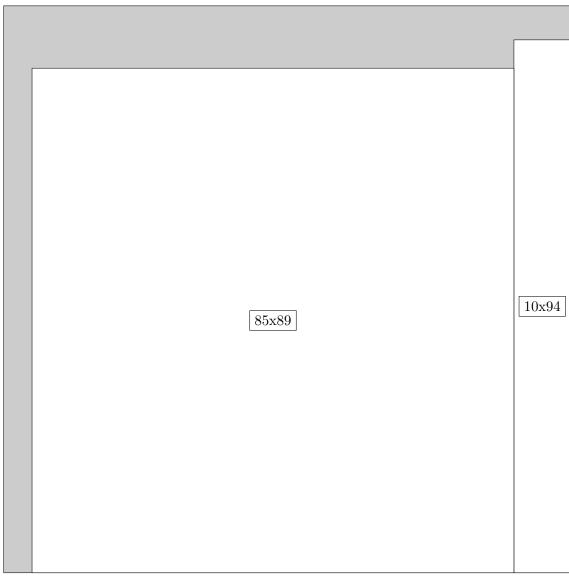
$$w=\!96$$
 , $h=\!12$, $x=\!4$, $y=\!0$, $v=\!1152$

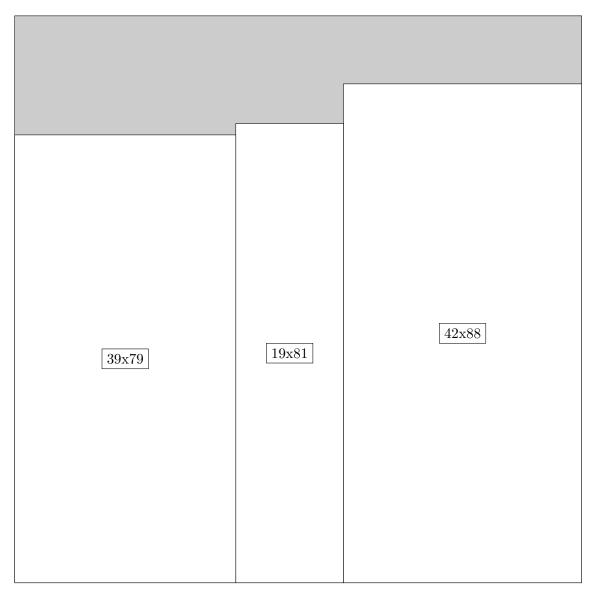
$$\le =39$$
 , h =50 , x =61 , y =12 , v =1950

$$\le =39$$
 , h =36 , x =61 , y =62 , v =1404

$$\le =40$$
 , h =82 , x =21 , y =12 , v =3280

$$\le =21$$
 , h =73 , x =0 , y =12 , v =1533

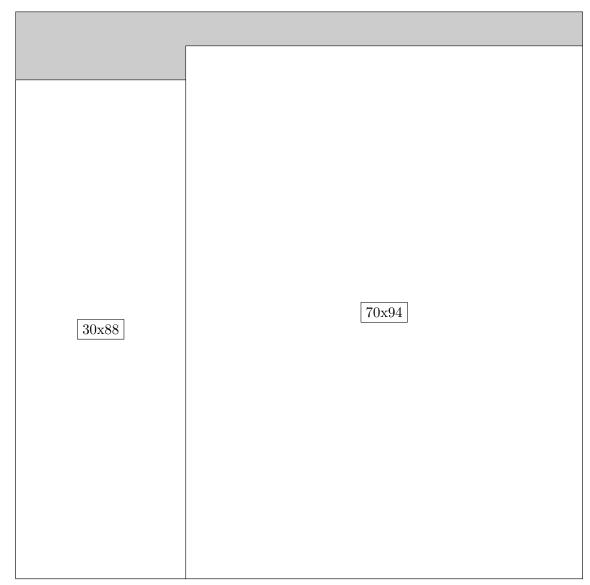


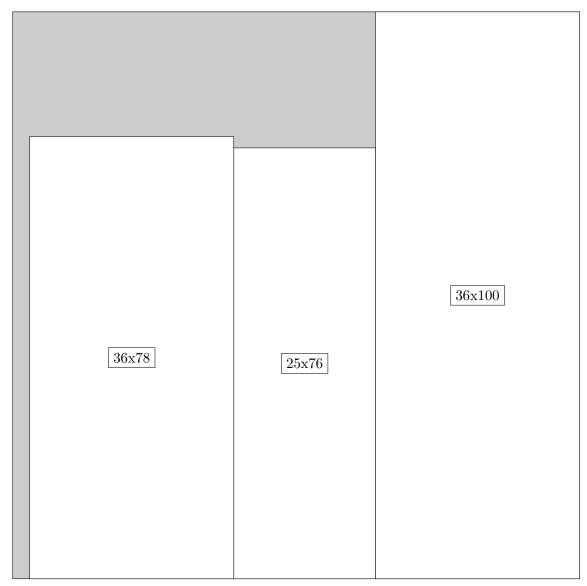


w = 42, h = 88, x = 58, y = 0, v = 3696

 $\le =19$, h =81 , x =39 , y =0 , v =1539

 $\le =39$, h =79 , x =0 , y =0 , v =3081

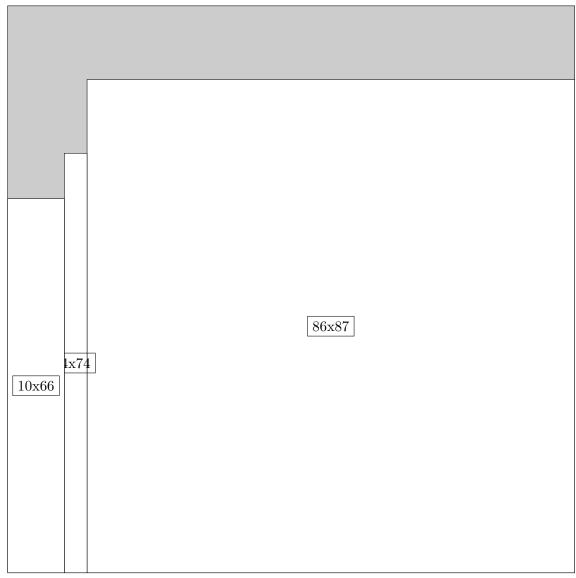




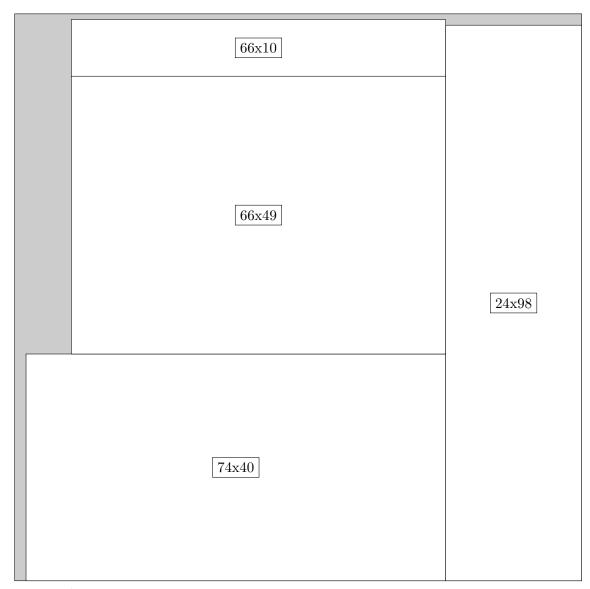
w = 36, h = 100, x = 64, y = 0, v = 3600

 $\le =25$, h =76 , x =39 , y =0 , v =1900

 $\le =36$, h =78 , x =3 , y =0 , v =2808



 $\begin{array}{l} w = \! 86 \ , \ h = \! 87 \ , \ x = \! 14 \ , \ y = \! 0 \ , \ v = \! 7482 \\ w = \! 4 \ , \ h = \! 74 \ , \ x = \! 10 \ , \ y = \! 0 \ , \ v = \! 296 \\ w = \! 10 \ , \ h = \! 66 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 660 \end{array}$

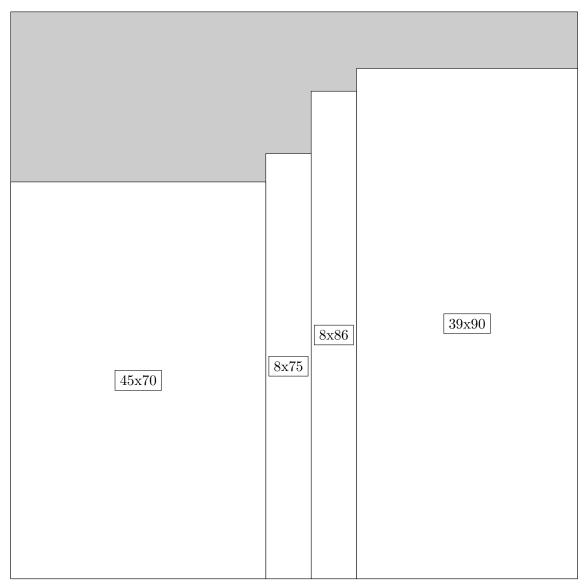


$$\le =24$$
 , h =98 , x =76 , y =0 , v =2352

$$\le =74$$
 , h =40 , x =2 , y =0 , v =2960

$$\le =66$$
 , h =49 , x =10 , y =40 , v =3234

$$\le =66$$
 , $h=\!10$, $x=\!10$, $y=\!89$, $v=\!660$

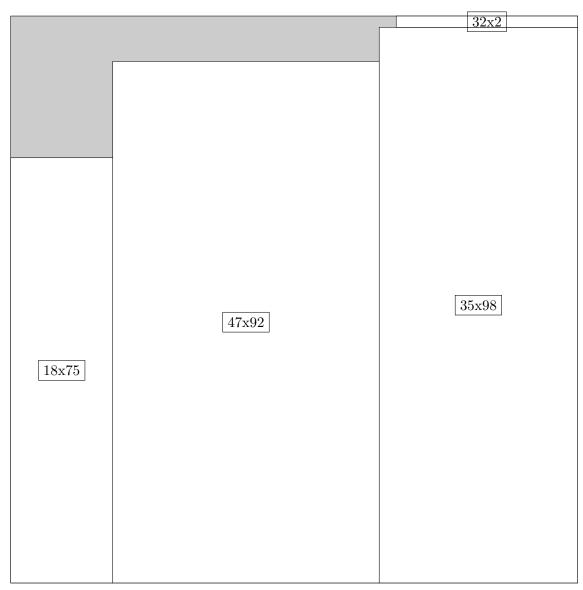


w = 39 , h = 90 , x = 61 , y = 0 , v = 3510

w = 8, h = 86, x = 53, y = 0, v = 688

 $\le =8$, h =75 , x =45 , y =0 , v =600

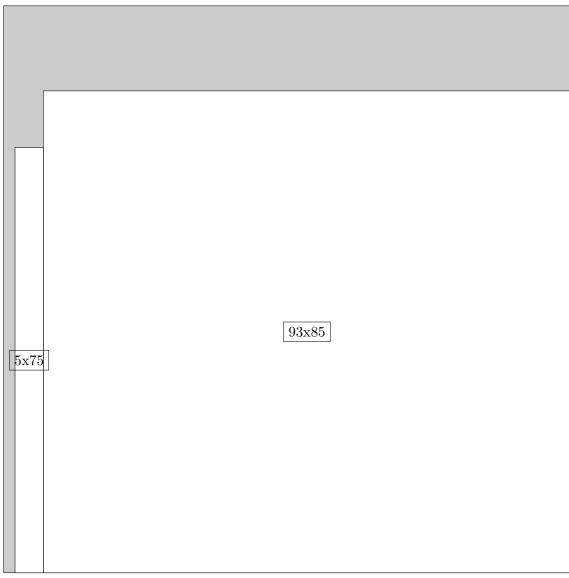
 \mathbf{w} =45 , h =70 , x =0 , y =0 , v =3150



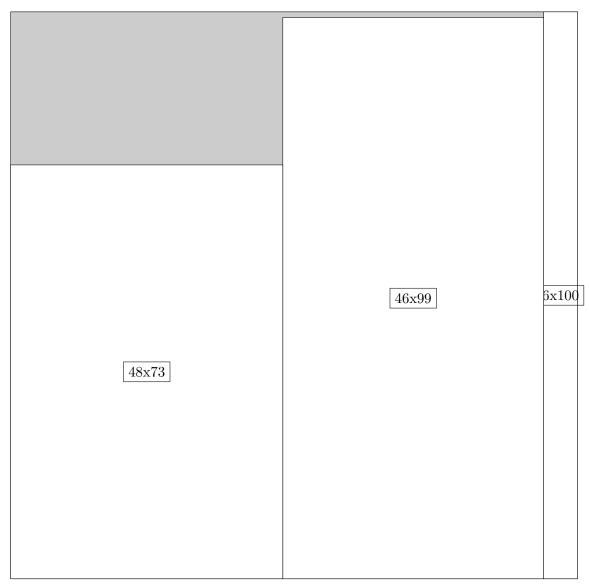
 $\le =35$, h =98 , x =65 , y =0 , v =3430 ≤ 32 , h = 2 , x = 68 , y = 98 , v = 64

 \mathbf{w} =47 , h =92 , x =18 , y =0 , v =4324

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



$$\begin{array}{l} w = \! 93 \ , \, h = \! 85 \ , \, x = \! 7 \ , \, y = \! 0 \ , \, v = \! 7905 \\ w = \! 5 \ , \, h = \! 75 \ , \, x = \! 2 \ , \, y = \! 0 \ , \, v = \! 375 \end{array}$$



$$\begin{array}{l} w=6 \ , \ h=100 \ , \ x=94 \ , \ y=0 \ , \ v=600 \\ w=46 \ , \ h=99 \ , \ x=48 \ , \ y=0 \ , \ v=4554 \\ w=48 \ , \ h=73 \ , \ x=0 \ , \ y=0 \ , \ v=3504 \end{array}$$