$ClassName: \ Class_07.2bp-45$

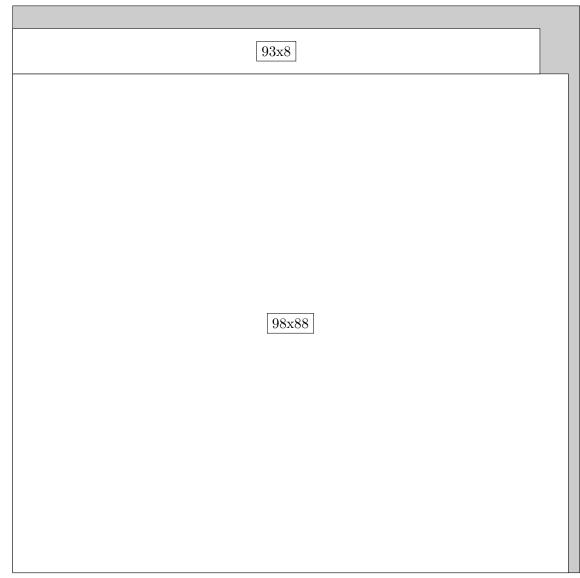
BinSize: $\underline{100 \times 100}$ ReduceSize: $\underline{100 \times 100}$

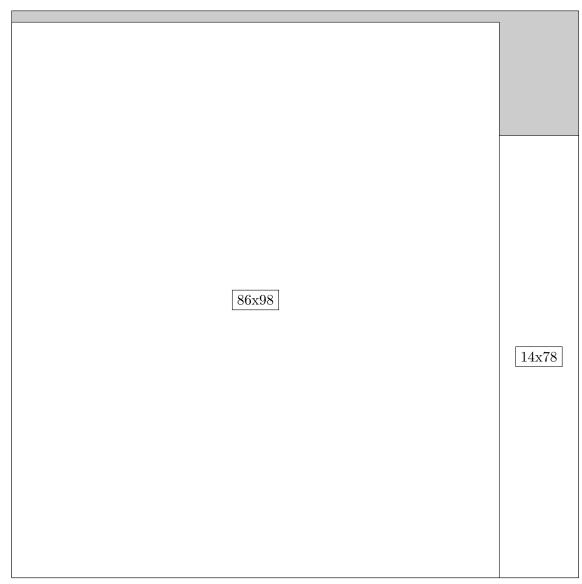
TypeNum: <u>97</u>
Num: <u>100</u>
OutS: <u>280000</u>
InS: <u>247792</u>
Rate: <u>0.885</u>
UB: <u>28</u>
LB0: <u>28</u>
LB: <u>28</u>

LBWithCut: $\underline{\mathbf{28}}$ NodeCut: $\underline{\mathbf{0}}$ 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: $\underline{\mathbf{1}}$

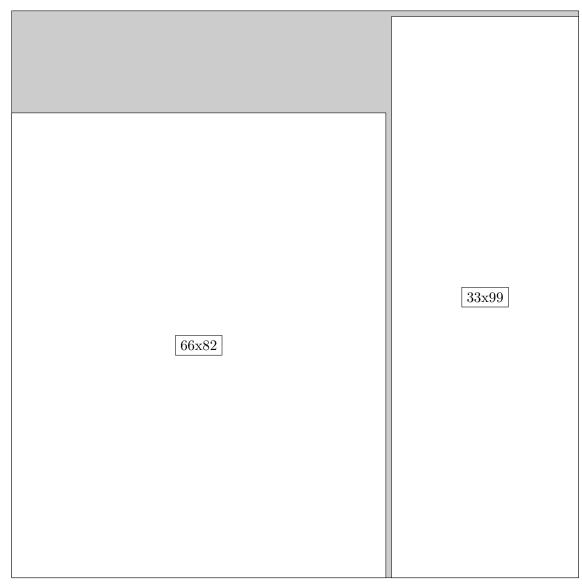
isOpt: **true**

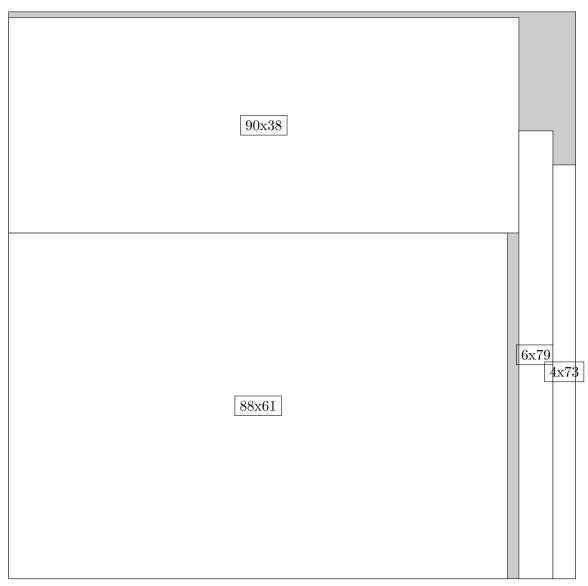
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 0.109 s





$$\begin{array}{c} w = \! 86 \; , \; h = \! 98 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 8428 \\ w = \! 14 \; , \; h = \! 78 \; , \; x = \! 86 \; , \; y = \! 0 \; , \; v = \! 1092 \\ \end{array}$$



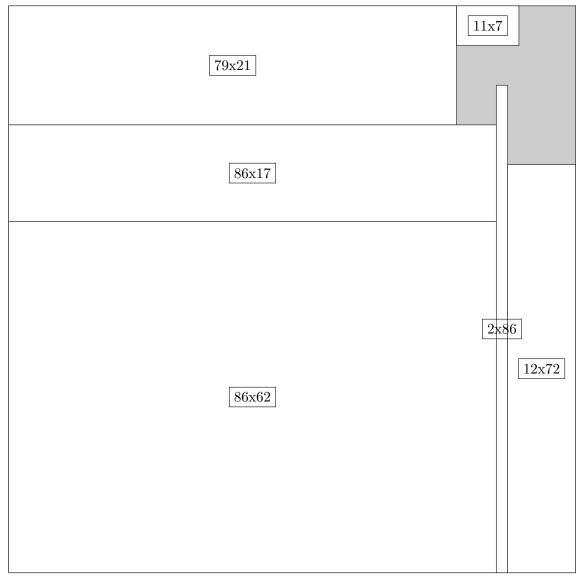


$$w$$
 =88 , h =61 , x =0 , y =0 , v =5368

$$\le =90$$
 , $h=38$, $x=0$, $y=61$, $v=3420$

$$\mathbf{w}$$
 =6 , h =79 , x =90 , y =0 , v =474

$$\mathbf{w}$$
 =4 , h =73 , x =96 , y =0 , v =292



$$w = 86$$
, $h = 62$, $x = 0$, $y = 0$, $v = 5332$

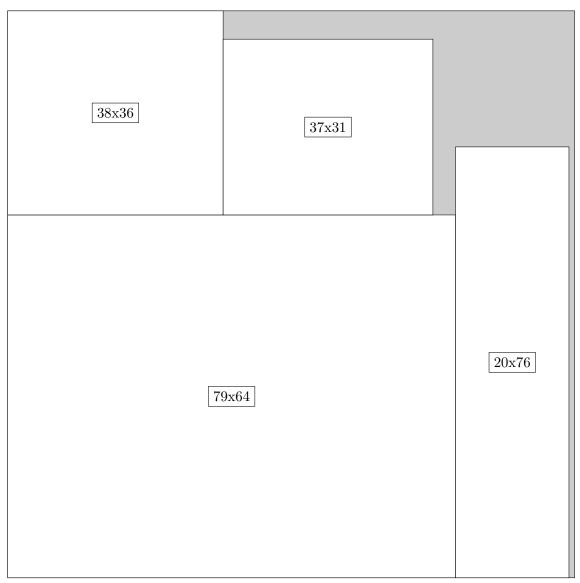
$$\le =79$$
 , h =21 , x =0 , y =79 , v =1659

$$\le =86$$
 , h =17 , x =0 , y =62 , v =1462

$$\mathbf{w}$$
 =12 , h =72 , x =88 , y =0 , v =864

$$\mathbf{w}$$
 =2 , h =86 , x =86 , y =0 , v =172

$$w=\!11$$
 , $h=\!7$, $x=\!79$, $y=\!93$, $v=\!77$

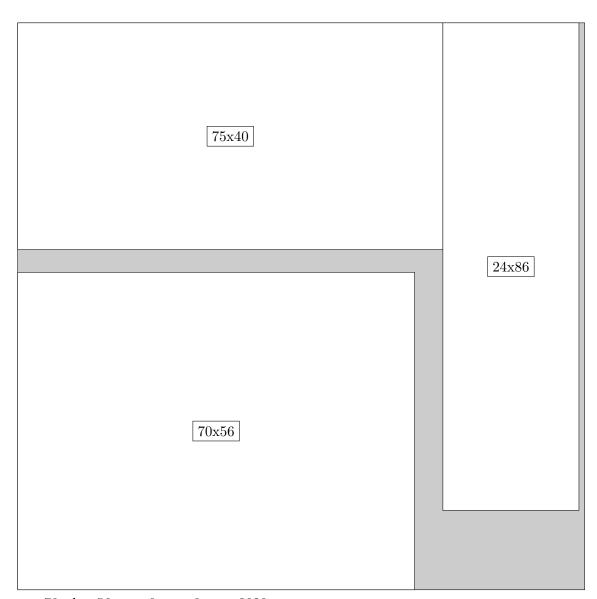


$$\le -79$$
 , h =64 , x =0 , y =0 , v =5056

$$\le =20$$
 , h =76 , x =79 , y =0 , v =1520

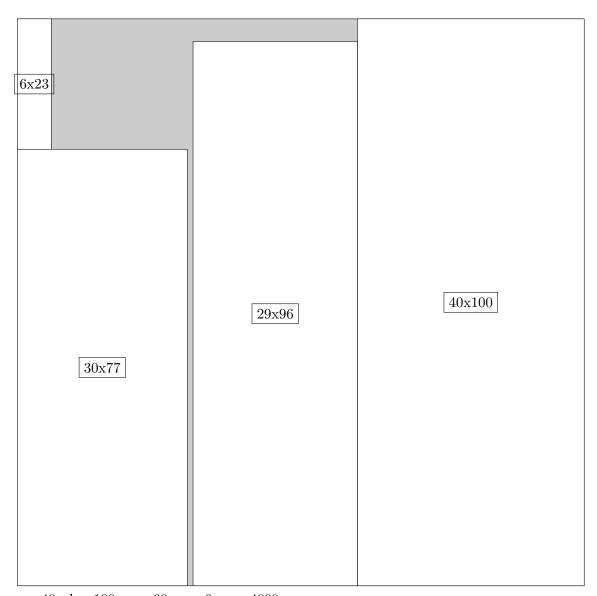
$$\le =38$$
 , h =36 , x =0 , y =64 , v =1368

$$w$$
 =37 , h =31 , x =38 , y =64 , v =1147



$$\le =70$$
 , h =
56 , x =0 , y =
0 , v =
3920

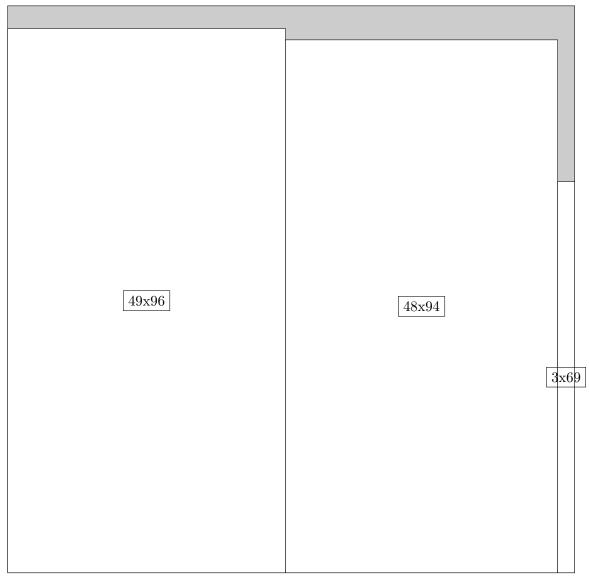
$$\le =24$$
 , h =86 , x =75 , y =14 , v =2064



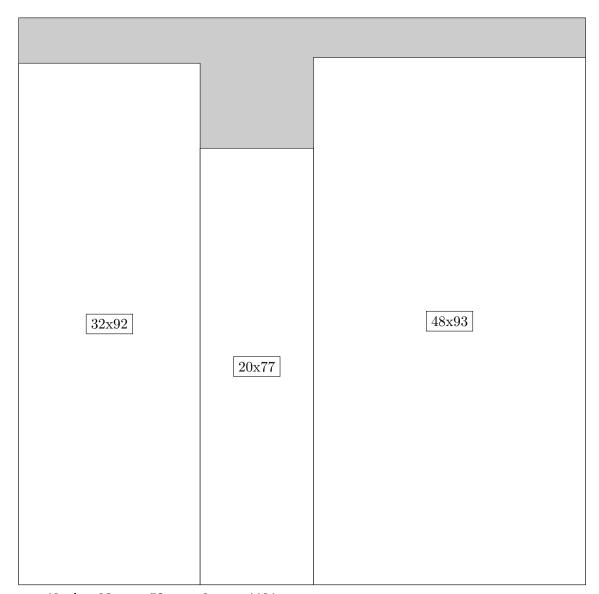
 $\begin{array}{l} w = \! 40 \ , \ h = \! 100 \ , \ x = \! 60 \ , \ y = \! 0 \ , \ v = \! 4000 \\ w = \! 29 \ , \ h = \! 96 \ , \ x = \! 31 \ , \ y = \! 0 \ , \ v = \! 2784 \\ \end{array}$

 $\le =30$, h =77 , x =0 , y =0 , v =2310

 \mathbf{w} =6 , h =23 , x =0 , y =77 , v =138

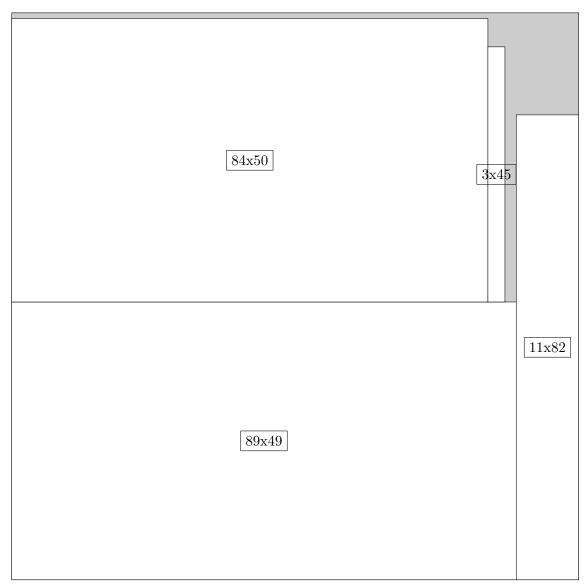


 $\begin{array}{l} w = \! 49 \ , \ h = \! 96 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4704 \\ w = \! 48 \ , \ h = \! 94 \ , \ x = \! 49 \ , \ y = \! 0 \ , \ v = \! 4512 \\ w = \! 3 \ , \ h = \! 69 \ , \ x = \! 97 \ , \ y = \! 0 \ , \ v = \! 207 \end{array}$



$$\begin{array}{l} w = \! 48 \ , \ h = \! 93 \ , \ x = \! 52 \ , \ y = \! 0 \ , \ v = \! 4464 \\ w = \! 32 \ , \ h = \! 92 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2944 \end{array}$$

$$w = 20$$
 , $h = 77$, $x = 32$, $y = 0$, $v = 1540$

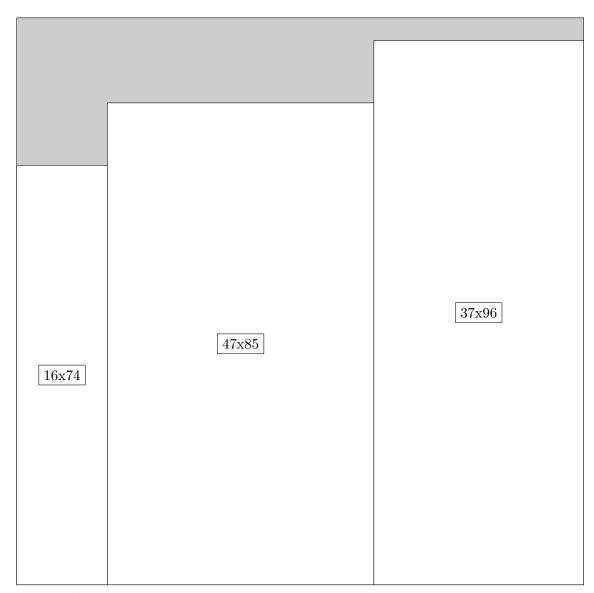


$$w = \! 89 \; , \; h = \! 49 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 4361$$

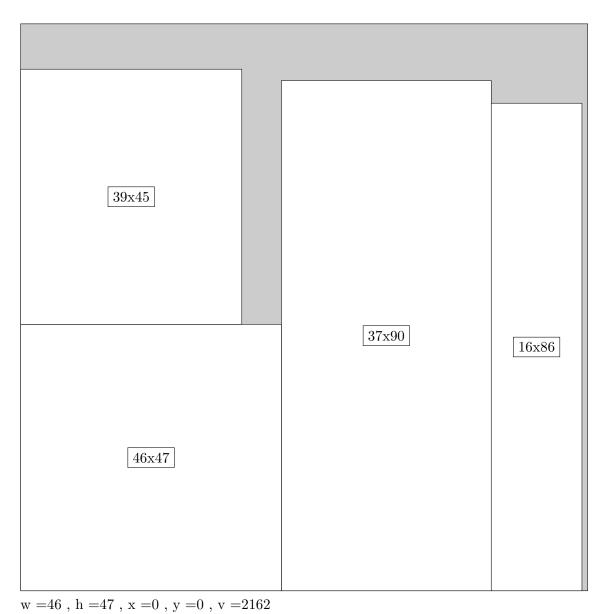
$$\le =84$$
 , h =50 , x =0 , y =49 , v =4200

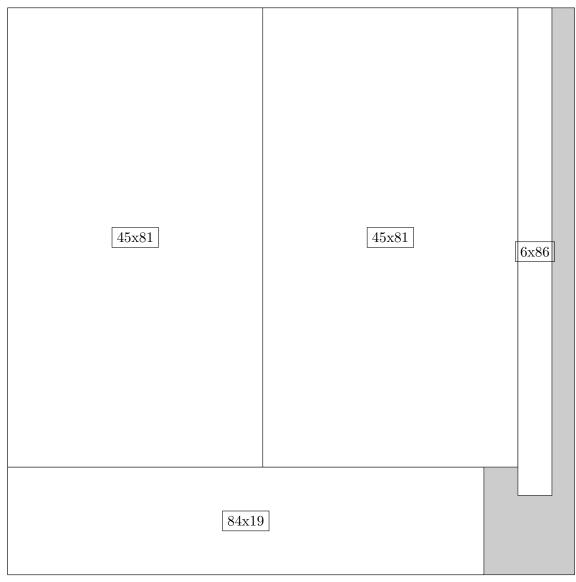
$$\le =11$$
 , h =82 , x =89 , y =0 , v =902

$$w$$
 =3 , h =45 , x =84 , y =49 , v =135

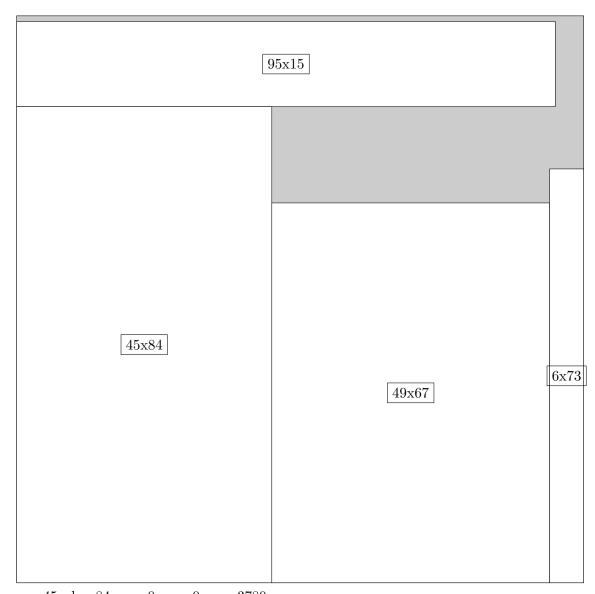


$$\begin{array}{l} w = \! 16 \ , \ h = \! 74 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1184 \\ w = \! 47 \ , \ h = \! 85 \ , \ x = \! 16 \ , \ y = \! 0 \ , \ v = \! 3995 \\ w = \! 37 \ , \ h = \! 96 \ , \ x = \! 63 \ , \ y = \! 0 \ , \ v = \! 3552 \end{array}$$

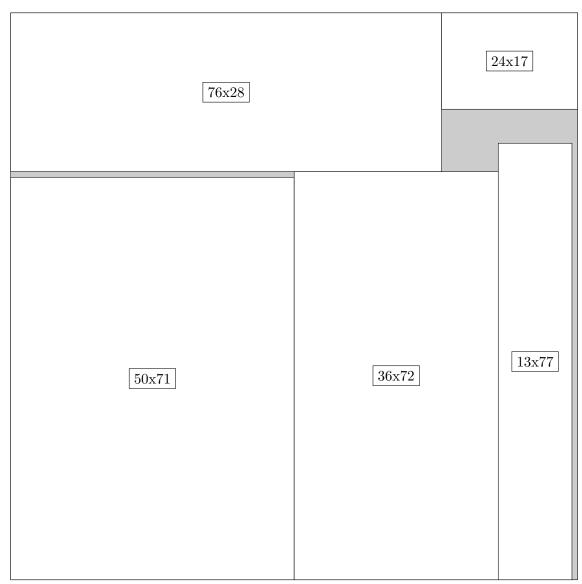




 $\begin{array}{l} w = \! 84 \ , \ h = \! 19 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1596 \\ w = \! 45 \ , \ h = \! 81 \ , \ x = \! 0 \ , \ y = \! 19 \ , \ v = \! 3645 \\ w = \! 45 \ , \ h = \! 81 \ , \ x = \! 45 \ , \ y = \! 19 \ , \ v = \! 3645 \\ w = \! 6 \ , \ h = \! 86 \ , \ x = \! 90 \ , \ y = \! 14 \ , \ v = \! 516 \end{array}$



$$\begin{array}{l} w = \!\! 45 \ , \ h = \!\! 84 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3780 \\ w = \!\! 49 \ , \ h = \!\! 67 \ , \ x = \!\! 45 \ , \ y = \!\! 0 \ , \ v = \!\! 3283 \\ w = \!\! 95 \ , \ h = \!\! 15 \ , \ x = \!\! 0 \ , \ y = \!\! 84 \ , \ v = \!\! 1425 \\ w = \!\! 6 \ , \ h = \!\! 73 \ , \ x = \!\! 94 \ , \ y = \!\! 0 \ , \ v = \!\! 438 \end{array}$$



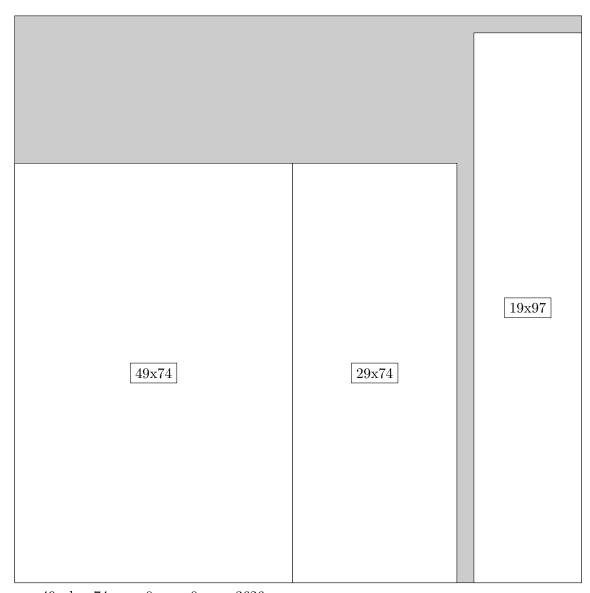
$$\mathbf{w}$$
 =50 , h =71 , x =0 , y =0 , v =3550

$$\le =36$$
 , h =72 , x =50 , y =0 , v =2592

$$\mathbf{w}$$
 =76 , h =28 , x =0 , y =72 , v =2128

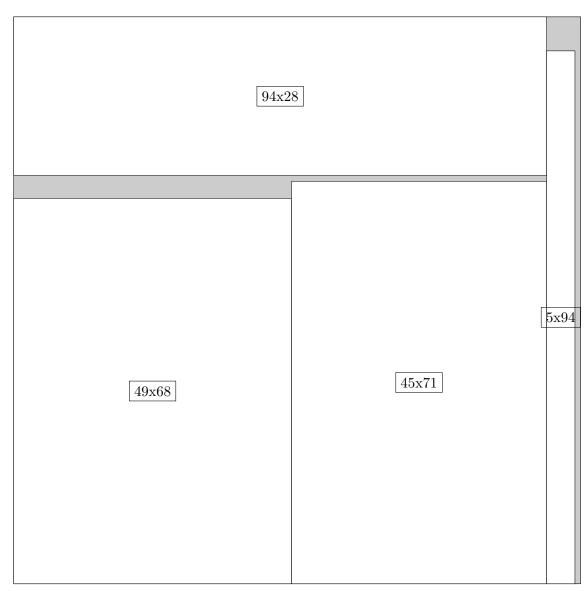
$$\mathbf{w}$$
 =13 , h =77 , x =86 , y =0 , v =1001

$$w$$
 =24 , h =17 , x =76 , y =83 , v =408

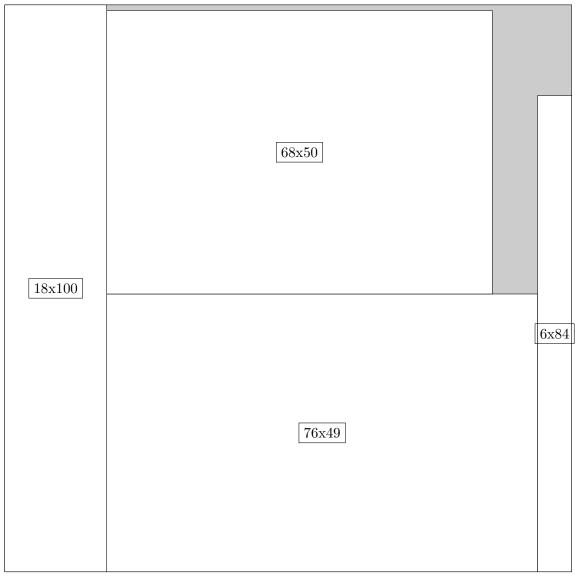


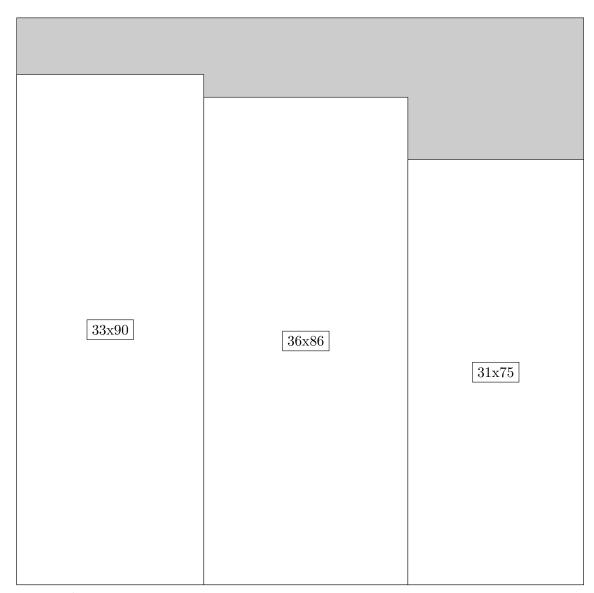
$$\le =29$$
 , h =74 , x =49 , y =0 , v =2146

$$\mathbf{w}$$
 =19 , h =97 , x =81 , y =0 , v =1843



$$\begin{array}{l} w = \!\! 49 \ , \ h = \!\! 68 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3332 \\ w = \!\! 45 \ , \ h = \!\! 71 \ , \ x = \!\! 49 \ , \ y = \!\! 0 \ , \ v = \!\! 3195 \\ w = \!\! 94 \ , \ h = \!\! 28 \ , \ x = \!\! 0 \ , \ y = \!\! 72 \ , \ v = \!\! 2632 \\ w = \!\! 5 \ , \ h = \!\! 94 \ , \ x = \!\! 94 \ , \ y = \!\! 0 \ , \ v = \!\! 470 \end{array}$$

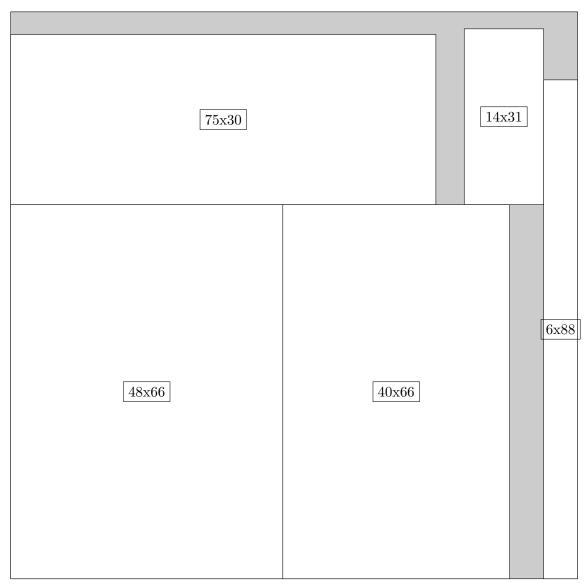




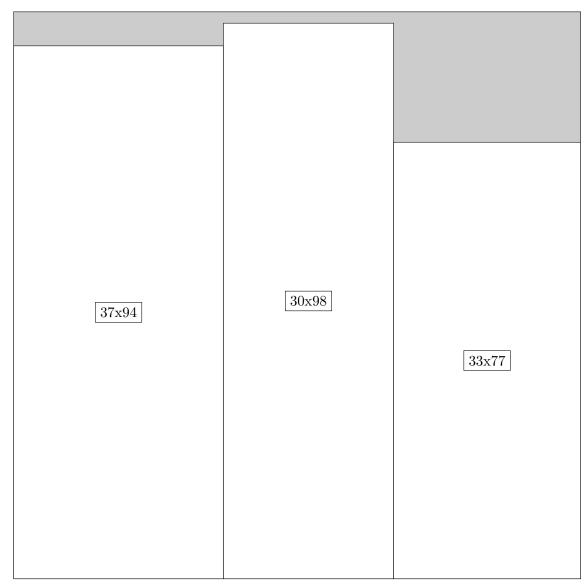
$$\le =36$$
 , $h=86$, $x=33$, $y=0$, $v=3096$

$$\le =33$$
 , h =90 , x =0 , y =0 , v =2970

$$\le =31$$
 , h =75 , x =69 , y =0 , v =2325



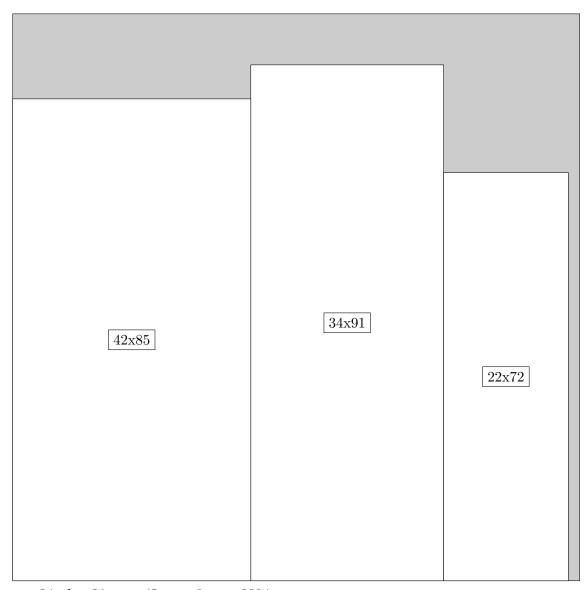
$$\begin{array}{l} w = \!\! 48 \ , \ h = \!\! 66 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3168 \\ w = \!\! 40 \ , \ h = \!\! 66 \ , \ x = \!\! 48 \ , \ y = \!\! 0 \ , \ v = \!\! 2640 \\ w = \!\! 75 \ , \ h = \!\! 30 \ , \ x = \!\! 0 \ , \ y = \!\! 66 \ , \ v = \!\! 2250 \\ w = \!\! 6 \ , \ h = \!\! 88 \ , \ x = \!\! 94 \ , \ y = \!\! 0 \ , \ v = \!\! 528 \\ w = \!\! 14 \ , \ h = \!\! 31 \ , \ x = \!\! 80 \ , \ y = \!\! 66 \ , \ v = \!\! 434 \end{array}$$



$$w$$
 =37 , h =94 , x =0 , y =0 , v =3478

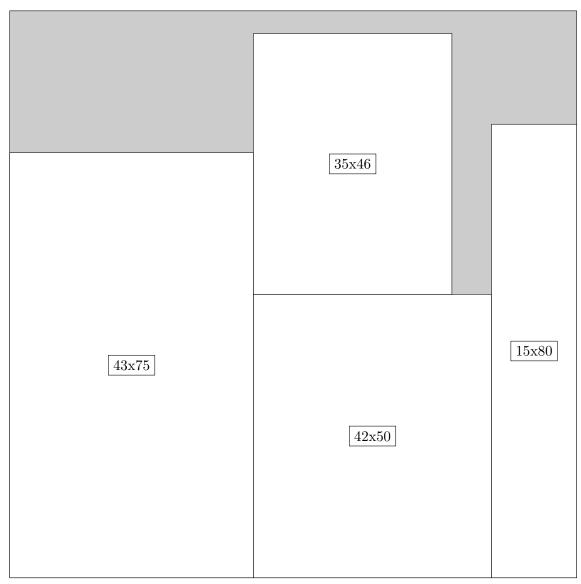
$$\le =30$$
 , h =98 , x =37 , y =0 , v =2940

$$\le =33$$
 , h =77 , x =67 , y =0 , v =2541



$$\begin{array}{l} w = \!\! 34 \ , \ h = \!\! 91 \ , \ x = \!\! 42 \ , \ y = \!\! 0 \ , \ v = \!\! 3094 \\ w = \!\! 42 \ , \ h = \!\! 85 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3570 \end{array}$$

$$w = 22$$
, $h = 72$, $x = 76$, $y = 0$, $v = 1584$

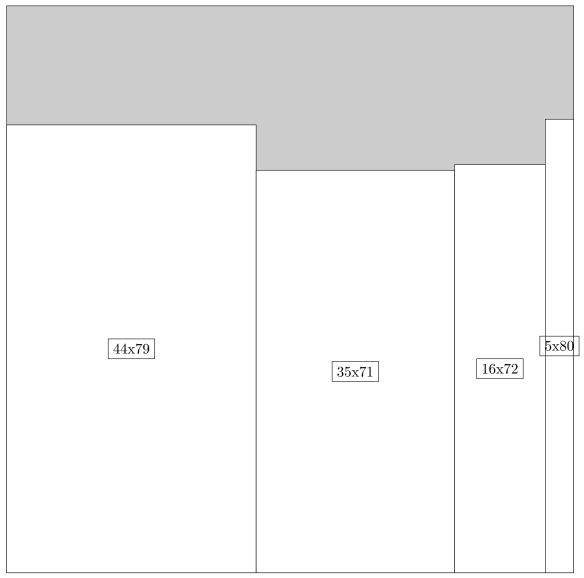


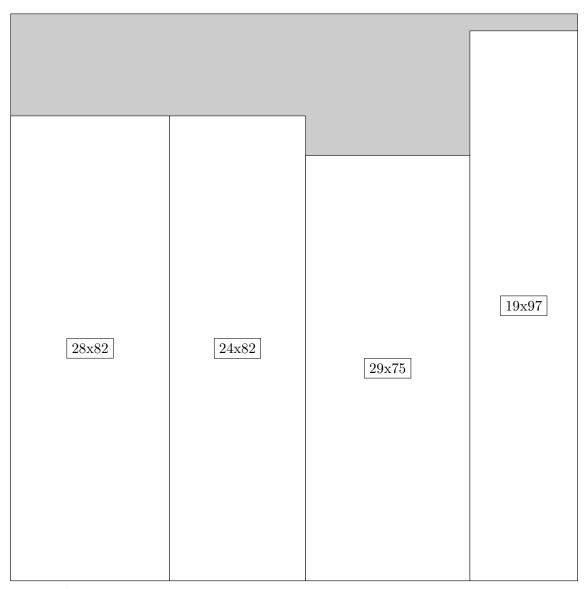
$$\le =43$$
 , h =75 , x =0 , y =0 , v =3225

$$\le =42$$
 , $h=\!50$, $x=\!43$, $y=\!0$, $v=\!2100$

$$\le =35$$
 , h =46 , x =43 , y =50 , v =1610

$$\le =15$$
 , h =80 , x =85 , y =0 , v =1200

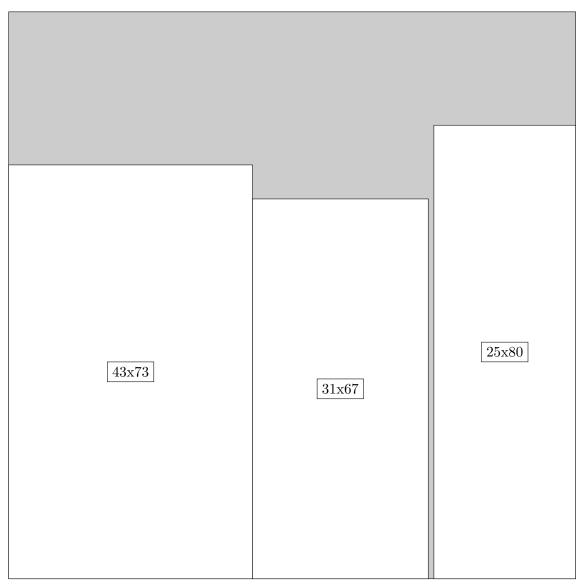




 $\begin{array}{l} w = \! 28 \ , \ h = \! 82 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2296 \\ w = \! 29 \ , \ h = \! 75 \ , \ x = \! 52 \ , \ y = \! 0 \ , \ v = \! 2175 \end{array}$

 $\le =24$, h =82 , x =28 , y =0 , v =1968

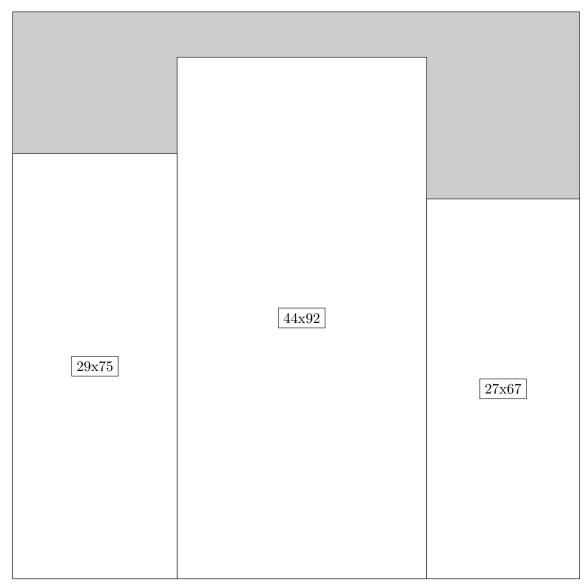
w = 19, h = 97, x = 81, y = 0, v = 1843



w = 43, h = 73, x = 0, y = 0, v = 3139

 $\le =31$, h=67 , x=43 , y=0 , v=2077

 $\le =25$, h =80 , x =75 , y =0 , v =2000



$$w = 44$$
 , $h = 92$, $x = 29$, $y = 0$, $v = 4048$

$$\le =29$$
 , h =75 , x =0 , y =0 , v =2175

$$\le =27$$
 , h =67 , x =73 , y =0 , v =1809