$ClassName: \ Class_07.2bp-30$

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

TypeNum: <u>77</u> Num: <u>80</u> OutS: <u>210000</u> InS: <u>179454</u> Rate: <u>0.855</u> UB: <u>21</u> LB0: <u>20</u>

LBWithCut: $\underline{\mathbf{21}}$ NodeCut: $\underline{\mathbf{0}}$

LB: **21**

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

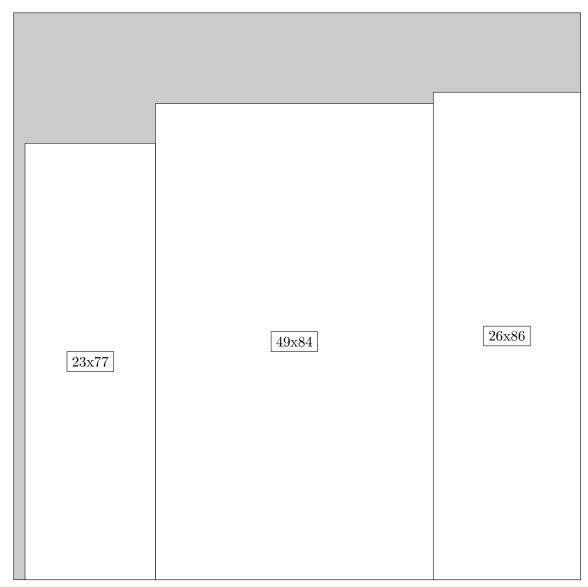
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{86}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{66}}$ PricingSolverCnt: $\underline{\mathbf{66}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

isOpt: false

TimeOnInitSolution: $\underline{600.000 \text{ s}}$

TimeOnPrimal: <u>0.000 s</u> TimeOnPricing: <u>2999.517 s</u>

TimeOnRmp: $\underline{0.142 \text{ s}}$ TotalTime: $\underline{3600.004 \text{ s}}$



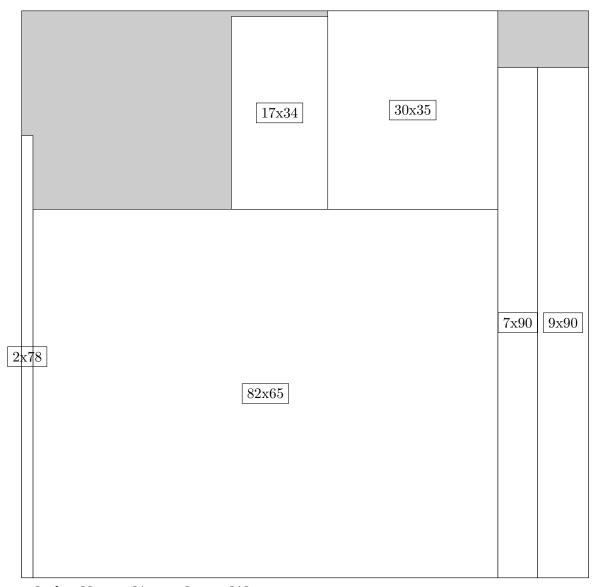
$$w = 26 \ , \ h = 86 \ , \ x = 74 \ , \ y = 0 \ , \ v = 2236$$

$$\le =49$$
 , h =84 , x =25 , y =0 , v =4116

$$\le =23$$
 , h =77 , x =2 , y =0 , v =1771

	74x26	26x31
13x34	87x68	

$$\begin{array}{l} w = \! 87 \ , \ h = \! 68 \ , \ x = \! 13 \ , \ y = \! 0 \ , \ v = \! 5916 \\ w = \! 13 \ , \ h = \! 34 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 442 \\ w = \! 26 \ , \ h = \! 31 \ , \ x = \! 74 \ , \ y = \! 68 \ , \ v = \! 806 \\ w = \! 74 \ , \ h = \! 26 \ , \ x = \! 0 \ , \ y = \! 68 \ , \ v = \! 1924 \end{array}$$



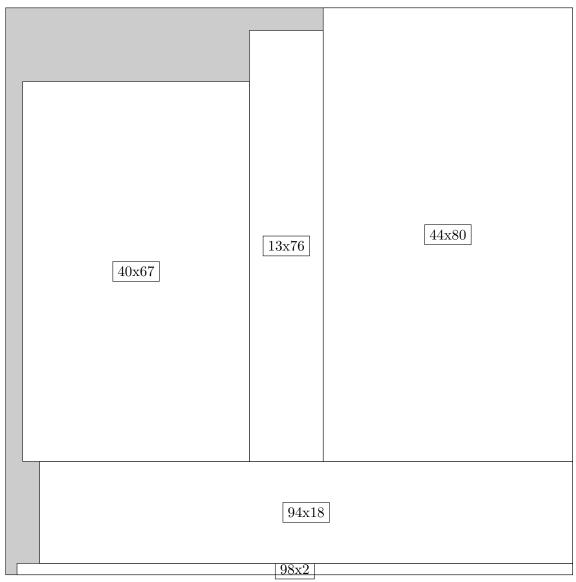
 $\begin{array}{c} w = 9 \ , \ h = 90 \ , \ x = 91 \ , \ y = 0 \ , \ v = 810 \\ w = 7 \ , \ h = 90 \ , \ x = 84 \ , \ y = 0 \ , \ v = 630 \end{array}$

w = 82, h = 65, x = 2, y = 0, v = 5330

w =30 , h =35 , x =54 , y =65 , v =1050

w =17, h =34, x =37, y =65, v =578

 $\le = 2$, h = 78 , x = 0 , y = 0 , v = 156



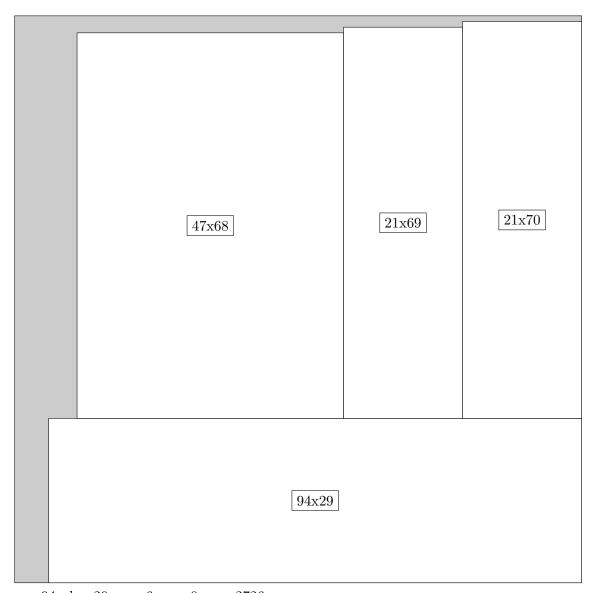
$$\le =98$$
 , h =2 , x =2 , y =0 , v =196

$$\le =94$$
 , h =18 , x =6 , y =2 , v =1692

$$\le =44$$
 , h =80 , x =
56 , y =20 , v =3520

$$\le =13$$
 , h =76 , x =43 , y =20 , v =988

$$w = 40$$
, $h = 67$, $x = 3$, $y = 20$, $v = 2680$

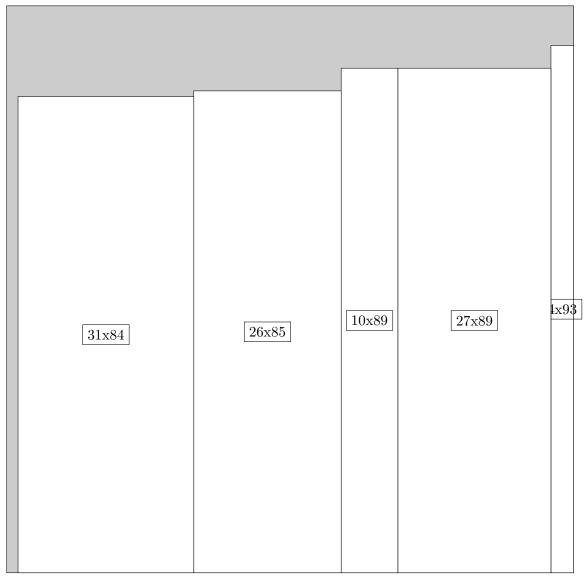


$$\le =94$$
 , h =29 , x =6 , y =0 , v =2726

$$\le =21$$
 , h =70 , x =79 , y =29 , v =1470

$$\le =21$$
 , $h=69$, $x=58$, $y=29$, $v=1449$

$$\le =47$$
 , h =68 , x =11 , y =29 , v =3196



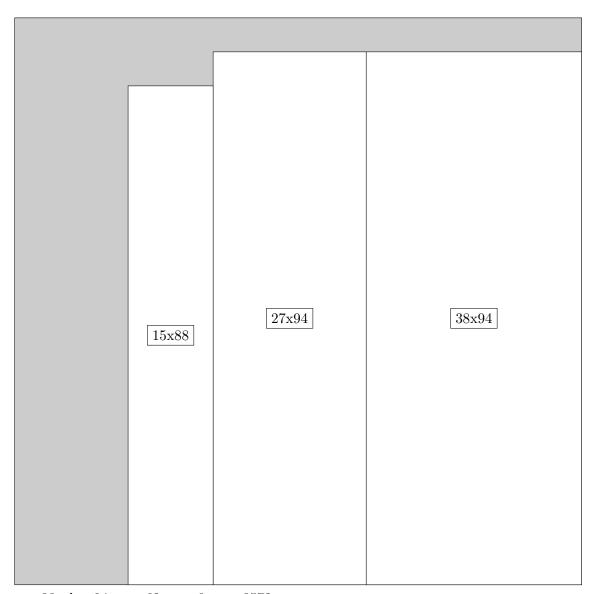
$$w = 4$$
, $h = 93$, $x = 96$, $y = 0$, $v = 372$

$$\le =27$$
 , h =89 , x =69 , y =0 , v =2403

$$\le =10$$
 , $h=89$, $x=59$, $y=0$, $v=890$

$$\le =26$$
 , h =85 , x =33 , y =0 , v =2210

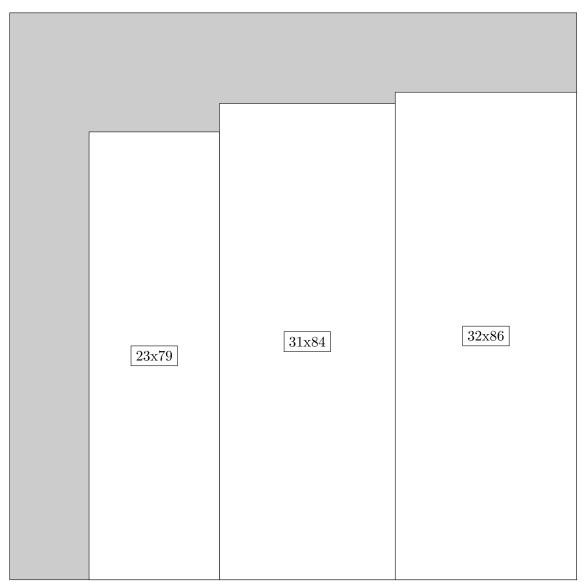
$$\le =31$$
 , $h=84$, $x=2$, $y=0$, $v=2604$



 $\le =38$, h =94 , x =62 , y =0 , v =3572

 $\le =27$, h =94 , x =35 , y =0 , v =2538

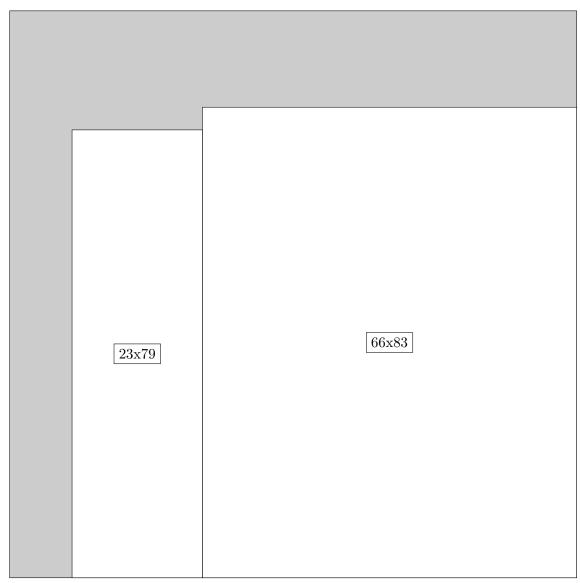
 $\le =15$, h =88 , x =20 , y =0 , v =1320



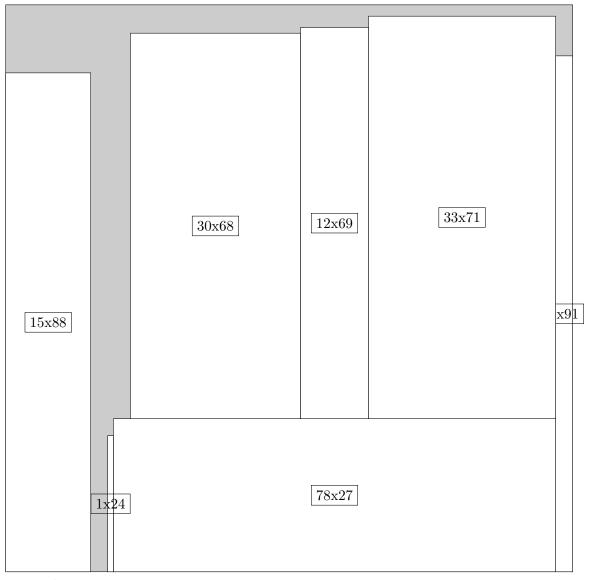
$$w = 32 \ , \ h = 86 \ , \ x = 68 \ , \ y = 0 \ , \ v = 2752$$

$$\le =31$$
 , h =84 , x =37 , y =0 , v =2604

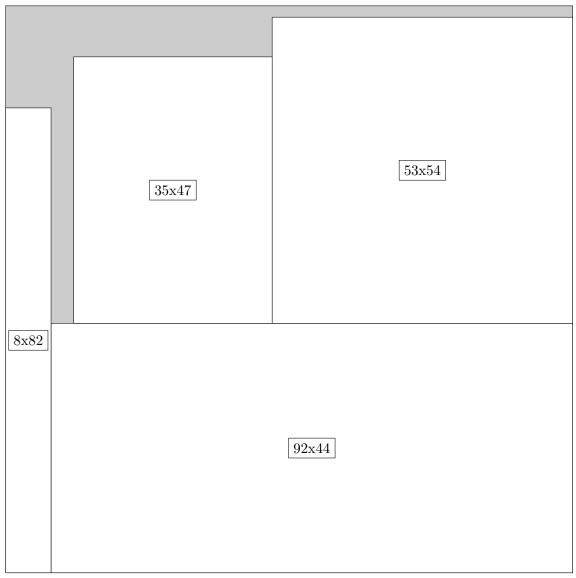
$$\le =23$$
 , h =79 , x =14 , y =0 , v =1817



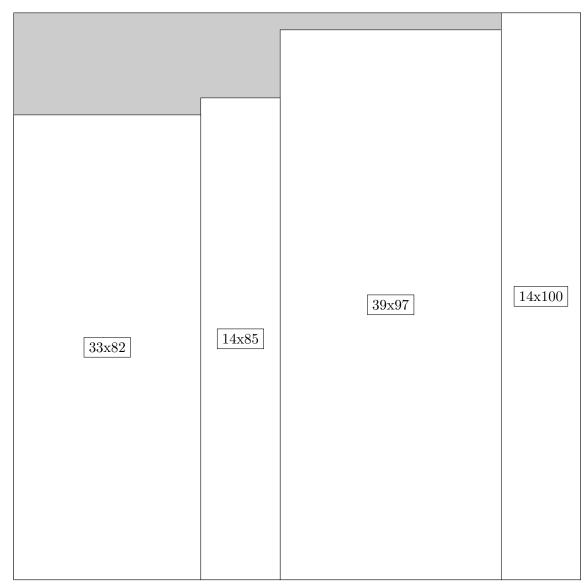
$$\begin{array}{c} w = \!\! 66 \; , \; h = \!\! 83 \; , \; x = \!\! 34 \; , \; y = \!\! 0 \; , \; v = \!\! 5478 \\ w = \!\! 23 \; , \; h = \!\! 79 \; , \; x = \!\! 11 \; , \; y = \!\! 0 \; , \; v = \!\! 1817 \\ \end{array}$$



$$\begin{array}{l} w=3\ ,\ h=\!91\ ,\ x=\!97\ ,\ y=\!0\ ,\ v=\!273\\ w=\!78\ ,\ h=\!27\ ,\ x=\!19\ ,\ y=\!0\ ,\ v=\!2106\\ w=\!1\ ,\ h=\!24\ ,\ x=\!18\ ,\ y=\!0\ ,\ v=\!24\\ w=\!33\ ,\ h=\!71\ ,\ x=\!64\ ,\ y=\!27\ ,\ v=\!2343\\ w=\!12\ ,\ h=\!69\ ,\ x=\!52\ ,\ y=\!27\ ,\ v=\!828\\ w=\!30\ ,\ h=\!68\ ,\ x=\!22\ ,\ y=\!27\ ,\ v=\!2040\\ w=\!15\ ,\ h=\!88\ ,\ x=\!0\ ,\ y=\!0\ ,\ v=\!1320\\ \end{array}$$



$$\begin{array}{l} w = 92 \ , \ h = 44 \ , \ x = 8 \ , \ y = 0 \ , \ v = 4048 \\ w = 53 \ , \ h = 54 \ , \ x = 47 \ , \ y = 44 \ , \ v = 2862 \\ w = 35 \ , \ h = 47 \ , \ x = 12 \ , \ y = 44 \ , \ v = 1645 \\ w = 8 \ , \ h = 82 \ , \ x = 0 \ , \ y = 0 \ , \ v = 656 \end{array}$$

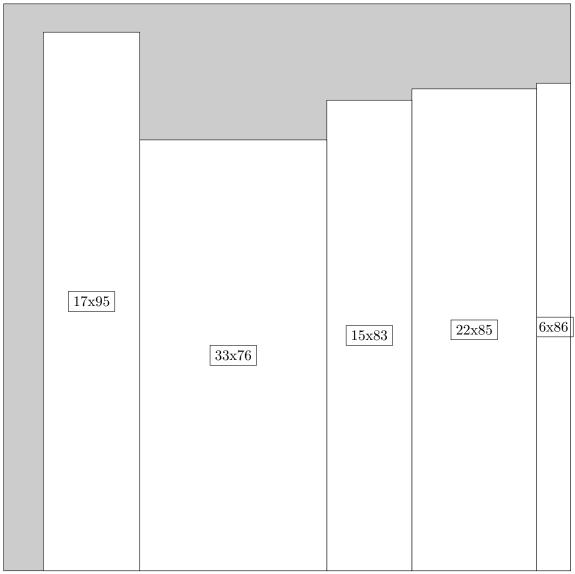


w =14 , h =100 , x =86 , y =0 , v =1400

w = 39, h = 97, x = 47, y = 0, v = 3783

 $\le =14$, h = 85 , x = 33 , y = 0 , v = 1190

 $\le =33$, h =82 , x =0 , y =0 , v =2706



$$\begin{array}{l} w=6 \ , \ h=86 \ , \ x=94 \ , \ y=0 \ , \ v=516 \\ w=22 \ , \ h=85 \ , \ x=72 \ , \ y=0 \ , \ v=1870 \\ w=15 \ , \ h=83 \ , \ x=57 \ , \ y=0 \ , \ v=1245 \\ w=33 \ , \ h=76 \ , \ x=24 \ , \ y=0 \ , \ v=2508 \\ w=17 \ , \ h=95 \ , \ x=7 \ , \ y=0 \ , \ v=1615 \end{array}$$

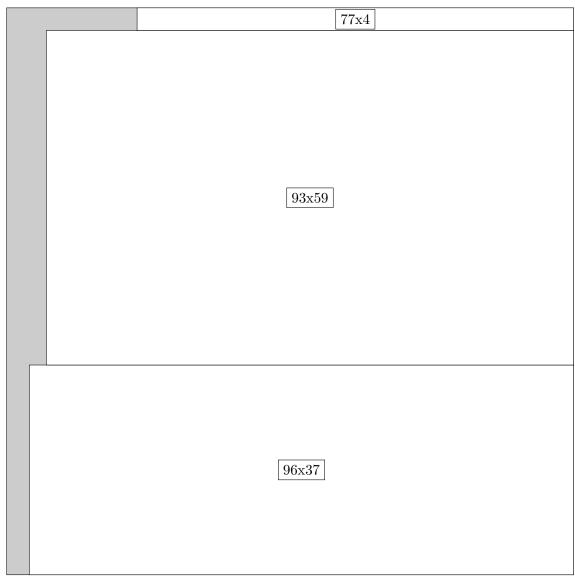
86x18		
43x70	20x77	37x77

$$\le =37$$
 , h =77 , x =63 , y =0 , v =2849

$$\le =20$$
 , h =77 , x =43 , y =0 , v =1540

$$\le =43$$
 , h =70 , x =0 , y =0 , v =3010

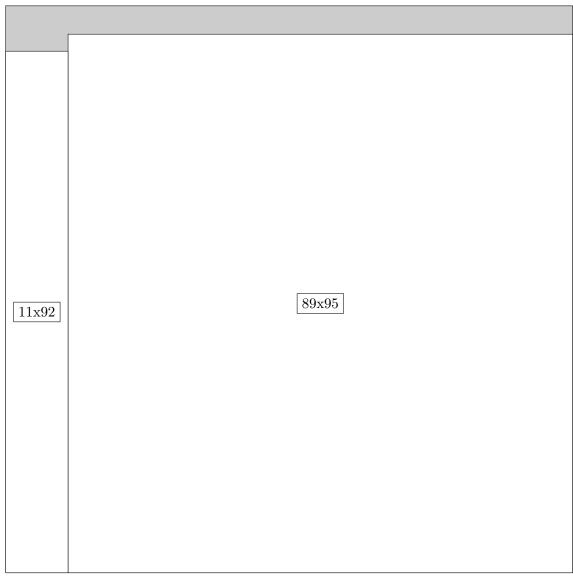
$$\le =86$$
 , h =18 , x =14 , y =77 , v =1548

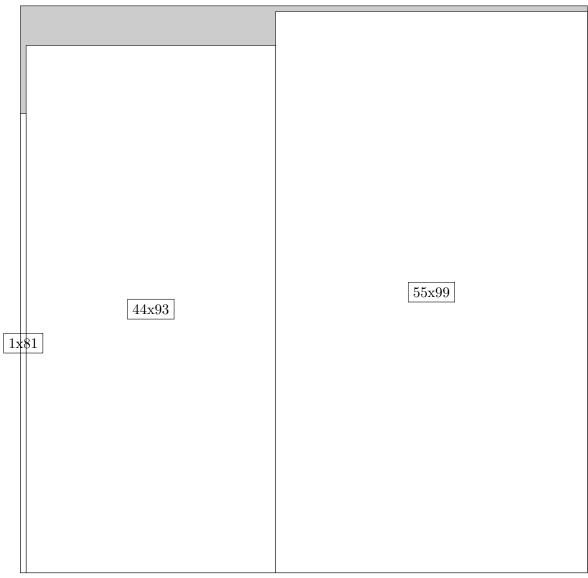


$$w = 96 , h = 37 , x = 4 , y = 0 , v = 3552$$

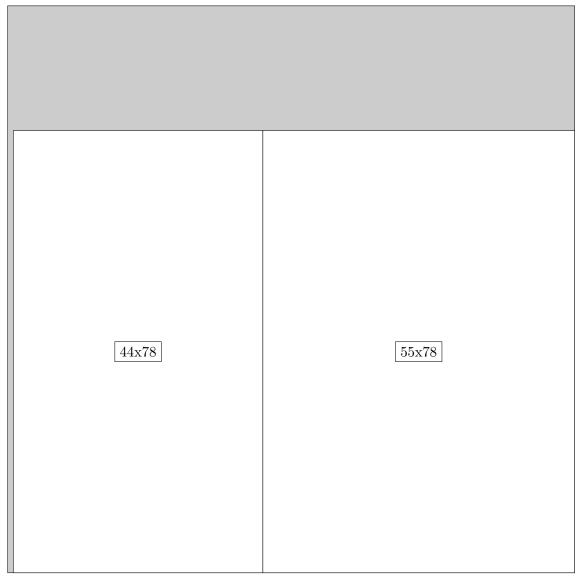
$$\le =93$$
 , h =59 , x =7 , y =37 , v =5487

$$\le =77$$
 , h =4 , x =23 , y =96 , v =308

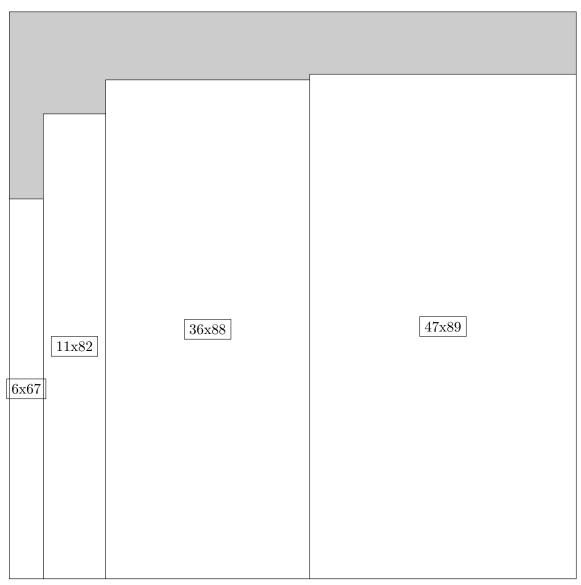




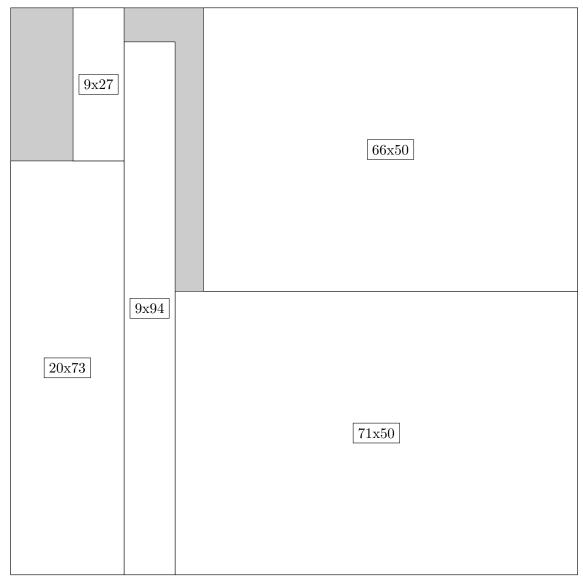
 $\begin{array}{l} w = \! 55 \ , \ h = \! 99 \ , \ x = \! 45 \ , \ y = \! 0 \ , \ v = \! 5445 \\ w = \! 44 \ , \ h = \! 93 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 4092 \\ w = \! 1 \ , \ h = \! 81 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 81 \end{array}$

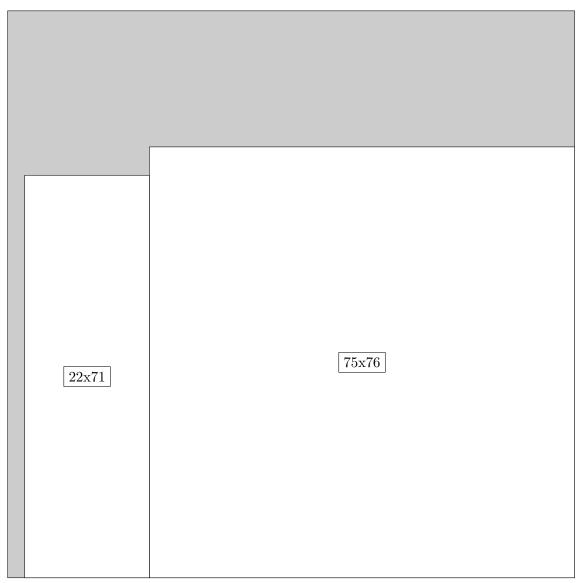


 $\begin{array}{l} w = \! 55 \ , \ h = \! 78 \ , \ x = \! 45 \ , \ y = \! 0 \ , \ v = \! 4290 \\ w = \! 44 \ , \ h = \! 78 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 3432 \end{array}$



 $\begin{array}{l} w = \!\! 47 \ , \ h = \!\! 89 \ , \ x = \!\! 53 \ , \ y = \!\! 0 \ , \ v = \!\! 4183 \\ w = \!\! 36 \ , \ h = \!\! 88 \ , \ x = \!\! 17 \ , \ y = \!\! 0 \ , \ v = \!\! 3168 \\ w = \!\! 11 \ , \ h = \!\! 82 \ , \ x = \!\! 6 \ , \ y = \!\! 0 \ , \ v = \!\! 902 \\ w = \!\! 6 \ , \ h = \!\! 67 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 402 \end{array}$





 $\begin{array}{l} w = \! 75 \ , \ h = \! 76 \ , \ x = \! 25 \ , \ y = \! 0 \ , \ v = \! 5700 \\ w = \! 22 \ , \ h = \! 71 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 1562 \end{array}$