$ClassName: \ Class_07.2bp-45$

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: $\underline{28}$ NodeCut: $\underline{0}$

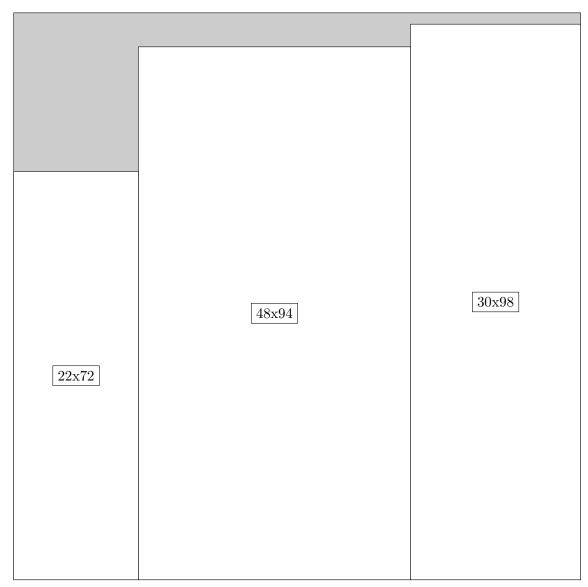
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ 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: $\underline{\mathbf{true}}$

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

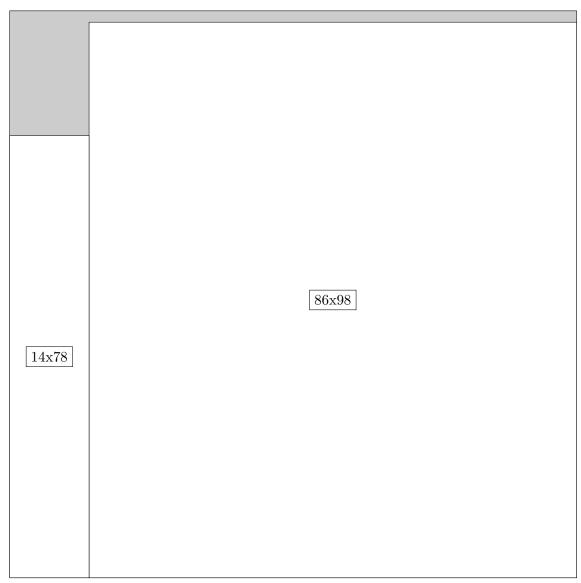
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.390 s



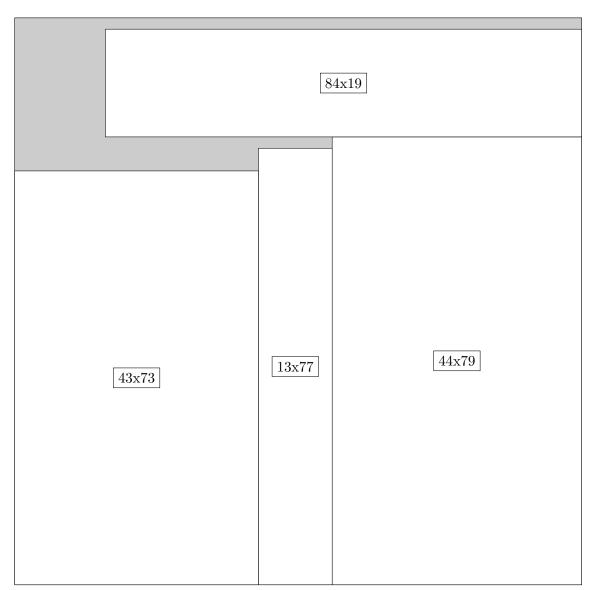
$$\mathbf{w}$$
 =30 , \mathbf{h} =98 , \mathbf{x} =70 , \mathbf{y} =0 , \mathbf{v} =2940

$$\le =48$$
 , h =94 , x =22 , y =0 , v =4512

$$\le =22$$
 , h =72 , x =0 , y =0 , v =1584



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

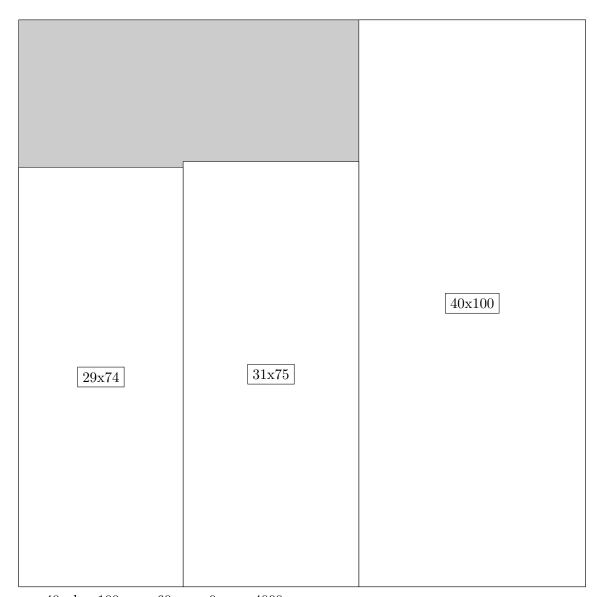


$$\le =44$$
 , h =79 , x =
56 , y =0 , v =
3476

$$\mathbf{w}$$
 =13 , h =77 , x =43 , y =0 , v =1001

$$\le =43$$
 , h =73 , x =0 , y =0 , v =3139

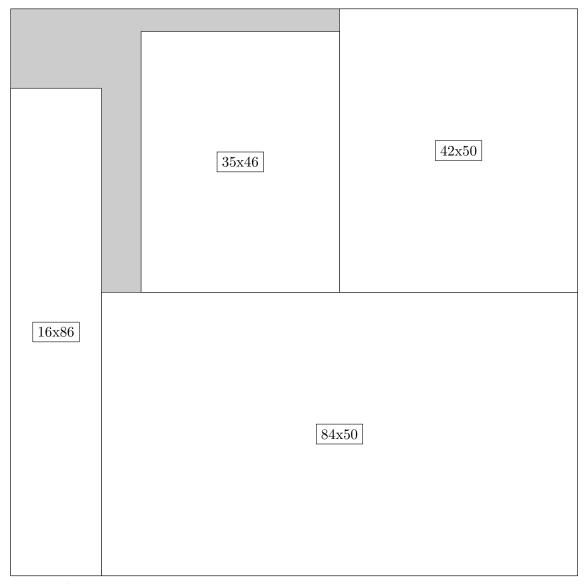
$$\le =84$$
 , h =19 , x =16 , y =79 , v =1596



 $\le =40$, h=100 , x=60 , y=0 , v=4000

 $\le =31$, h =75 , x =29 , y =0 , v =2325

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

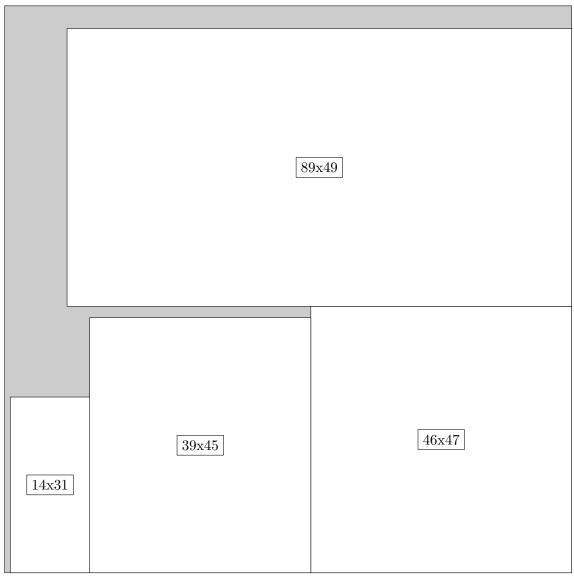


$$\le =84$$
 , $h=50$, $x=16$, $y=0$, $v=4200$

$$\le =42$$
 , h =50 , x =58 , y =50 , v =2100

$$\le =35$$
 , h =46 , x =23 , y =50 , v =1610

$$\mathbf{w}$$
 =16 , h =86 , x =0 , y =0 , v =1376

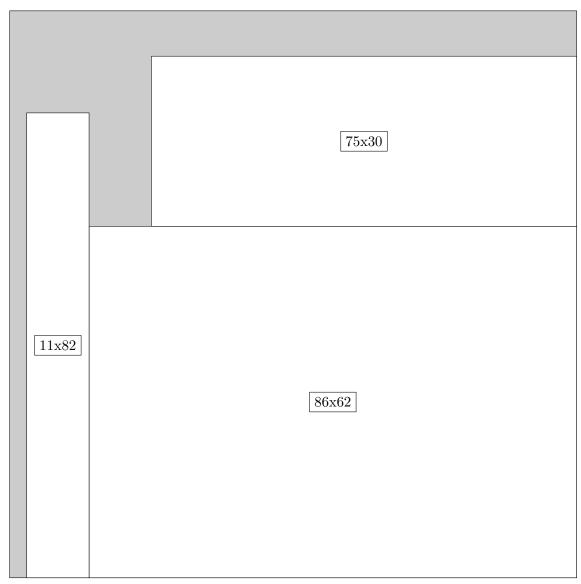


$$\le =46$$
 , $h=\!47$, $x=\!54$, $y=\!0$, $v=\!2162$

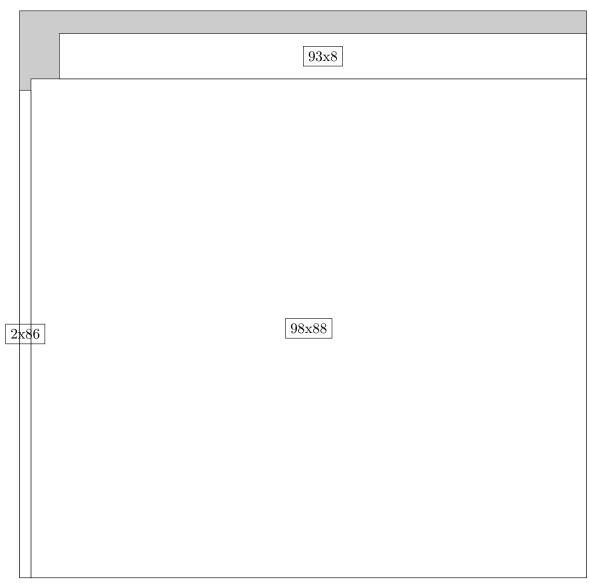
$$\le =39$$
 , h =45 , x =15 , y =0 , v =1755

$$\le =14$$
 , h =31 , x =1 , y =0 , v =434

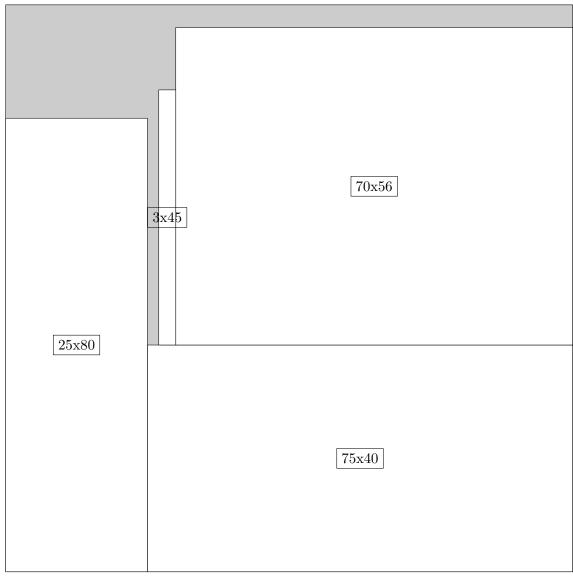
$$\le =89$$
 , h =49 , x =11 , y =47 , v =4361



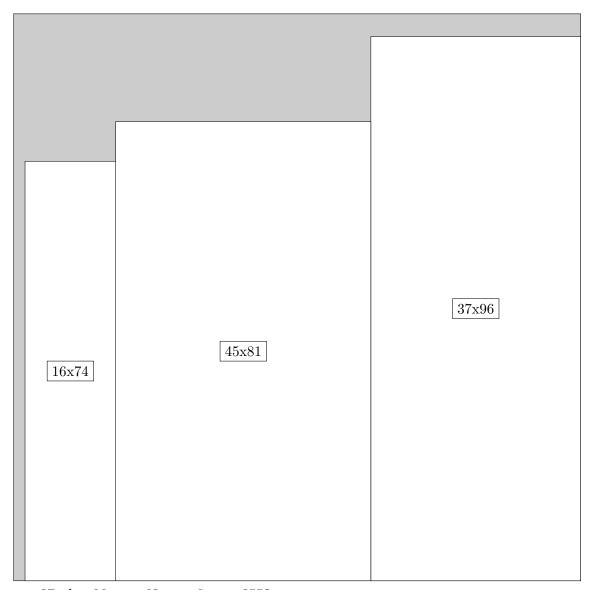
$$\begin{array}{l} w = & 86 \ , \ h = & 62 \ , \ x = & 14 \ , \ y = & 0 \ , \ v = & 5332 \\ w = & 75 \ , \ h = & 30 \ , \ x = & 25 \ , \ y = & 62 \ , \ v = & 2250 \\ w = & 11 \ , \ h = & 82 \ , \ x = & 3 \ , \ y = & 0 \ , \ v = & 902 \end{array}$$



 $\begin{array}{l} w = \! 98 \; , \; h = \! 88 \; , \; x = \! 2 \; , \; y = \! 0 \; , \; v = \! 8624 \\ w = \! 2 \; , \; h = \! 86 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 172 \\ w = \! 93 \; , \; h = \! 8 \; , \; x = \! 7 \; , \; y = \! 88 \; , \; v = \! 744 \end{array}$

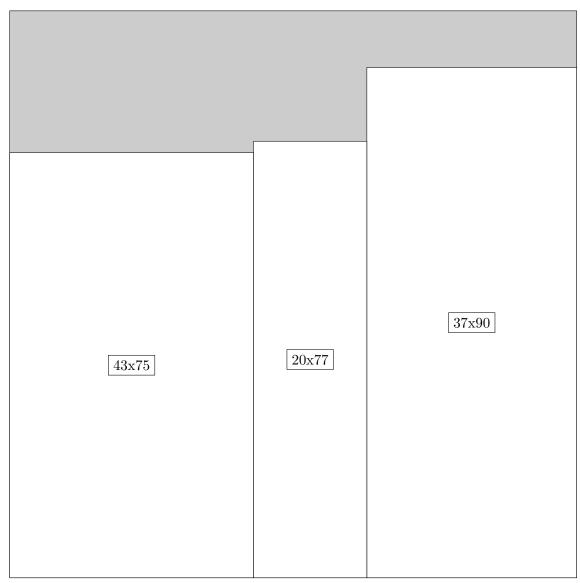


 $\begin{array}{l} w = \! 75 \ , \ h = \! 40 \ , \ x = \! 25 \ , \ y = \! 0 \ , \ v = \! 3000 \\ w = \! 70 \ , \ h = \! 56 \ , \ x = \! 30 \ , \ y = \! 40 \ , \ v = \! 3920 \\ w = \! 3 \ , \ h = \! 45 \ , \ x = \! 27 \ , \ y = \! 40 \ , \ v = \! 135 \\ w = \! 25 \ , \ h = \! 80 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2000 \end{array}$



$$\begin{array}{l} w = \!\! 37 \ , \ h = \!\! 96 \ , \ x = \!\! 63 \ , \ y = \!\! 0 \ , \ v = \!\! 3552 \\ w = \!\! 45 \ , \ h = \!\! 81 \ , \ x = \!\! 18 \ , \ y = \!\! 0 \ , \ v = \!\! 3645 \end{array}$$

$$w = 16$$
, $h = 74$, $x = 2$, $y = 0$, $v = 1184$



$$\le =37$$
 , h =90 , x =63 , y =0 , v =3330

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

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

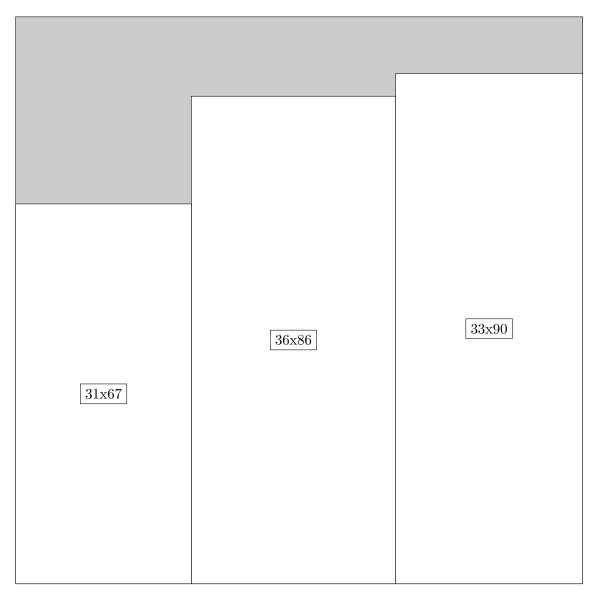
	24x17
68x50	
	24x82
76x49	

$$\le =24$$
 , $h=82$, $x=76$, $y=0$, $v=1968$

$$\le =24$$
 , h =17 , x =76 , y =82 , v =408

$$\le =76$$
 , h =49 , x =0 , y =0 , v =3724

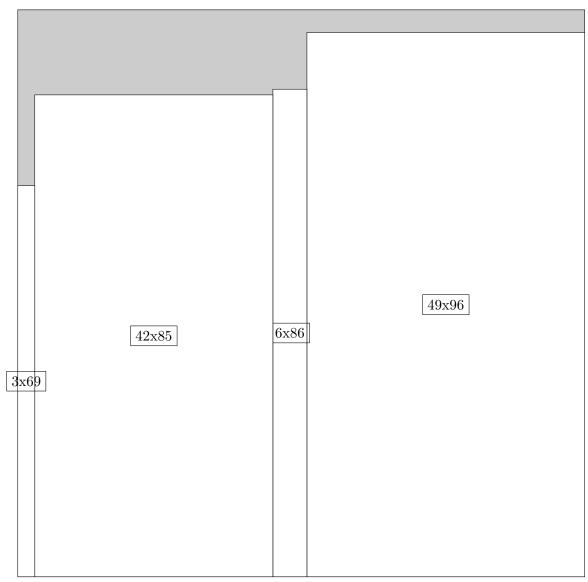
$$\le =68$$
 , $h=\!50$, $x=\!8$, $y=\!49$, $v=\!3400$



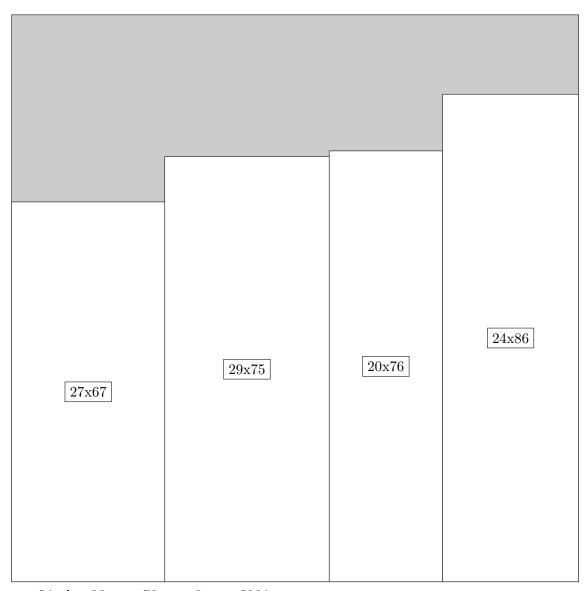
$$w = \! 33 \ , \ h = \! 90 \ , \ x = \! 67 \ , \ y = \! 0 \ , \ v = \! 2970$$

$$\le =36$$
 , $h=86$, $x=31$, $y=0$, $v=3096$

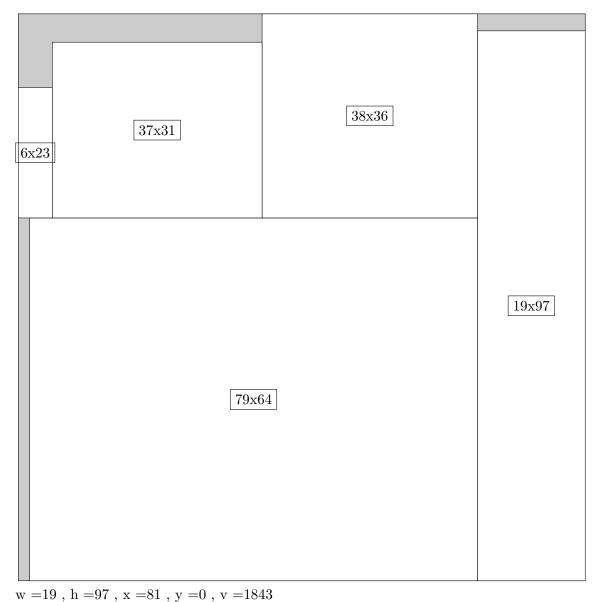
$$\le =31$$
 , $h=67$, $x=0$, $y=0$, $v=2077$



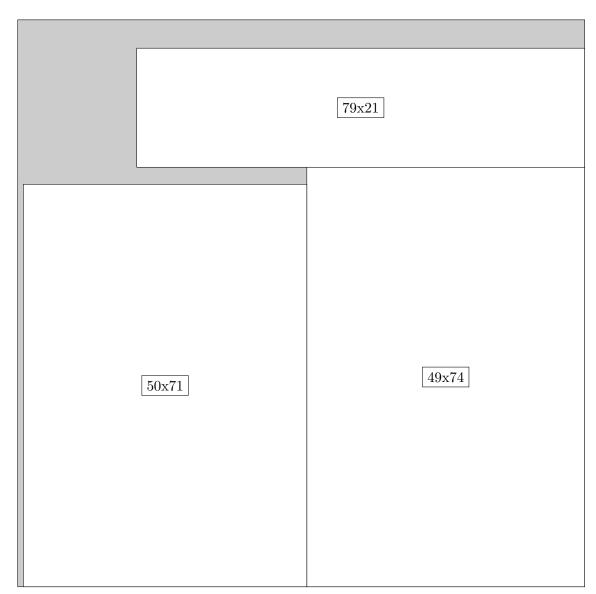
 $\begin{array}{l} w = \!\!49 \ , \ h = \!\!96 \ , \ x = \!\!51 \ , \ y = \!\!0 \ , \ v = \!\!4704 \\ w = \!\!6 \ , \ h = \!\!86 \ , \ x = \!\!45 \ , \ y = \!\!0 \ , \ v = \!\!516 \\ w = \!\!42 \ , \ h = \!\!85 \ , \ x = \!\!3 \ , \ y = \!\!0 \ , \ v = \!\!3570 \\ w = \!\!3 \ , \ h = \!\!69 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!207 \end{array}$



$$\begin{array}{l} w = 24 \ , \ h = 86 \ , \ x = 76 \ , \ y = 0 \ , \ v = 2064 \\ w = 20 \ , \ h = 76 \ , \ x = 56 \ , \ y = 0 \ , \ v = 1520 \\ w = 29 \ , \ h = 75 \ , \ x = 27 \ , \ y = 0 \ , \ v = 2175 \\ w = 27 \ , \ h = 67 \ , \ x = 0 \ , \ y = 0 \ , \ v = 1809 \end{array}$$



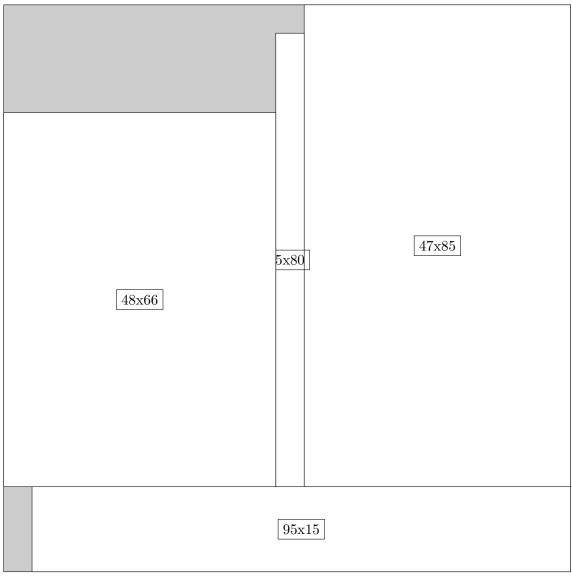
w = 6, h = 23, x = 0, y = 64, v = 138



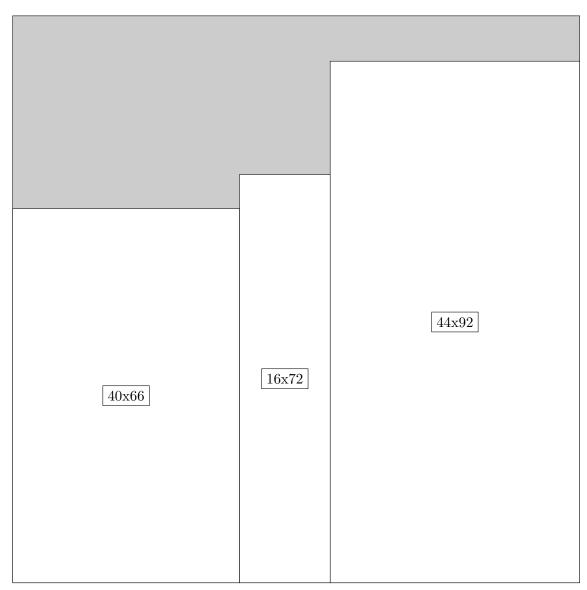
$$w = 49$$
, $h = 74$, $x = 51$, $y = 0$, $v = 3626$

$$\mathbf{w}$$
 =50 , h =71 , x =1 , y =0 , v =3550

$$\le =79$$
 , h =21 , x =21 , y =74 , v =1659



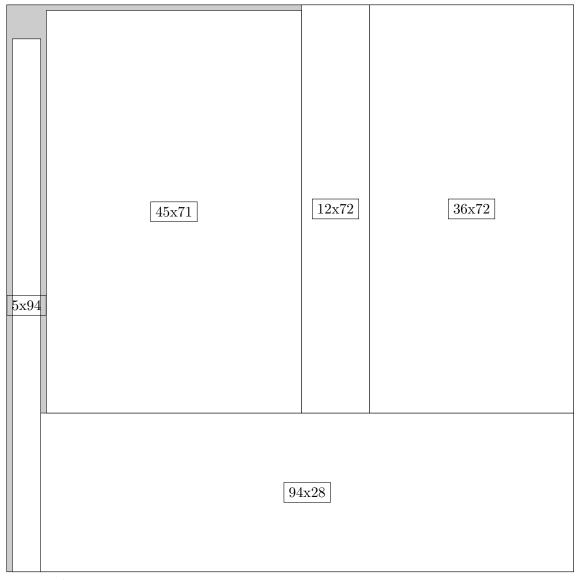
 $\begin{array}{l} w = \!95 \;,\; h = \!15 \;,\; x = \!5 \;,\; y = \!0 \;,\; v = \!1425 \\ w = \!47 \;,\; h = \!85 \;,\; x = \!53 \;,\; y = \!15 \;,\; v = \!3995 \\ w = \!5 \;,\; h = \!80 \;,\; x = \!48 \;,\; y = \!15 \;,\; v = \!400 \\ w = \!48 \;,\; h = \!66 \;,\; x = \!0 \;,\; y = \!15 \;,\; v = \!3168 \end{array}$



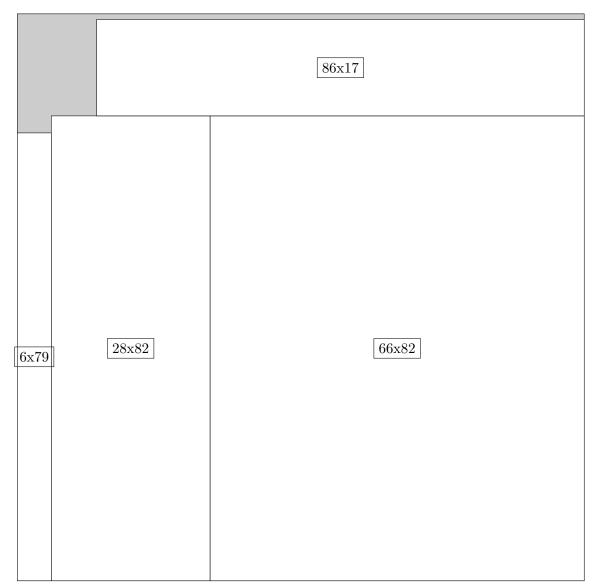
$$w = 44$$
, $h = 92$, $x = 56$, $y = 0$, $v = 4048$

$$\le =16$$
 , h =72 , x =40 , y =0 , v =1152

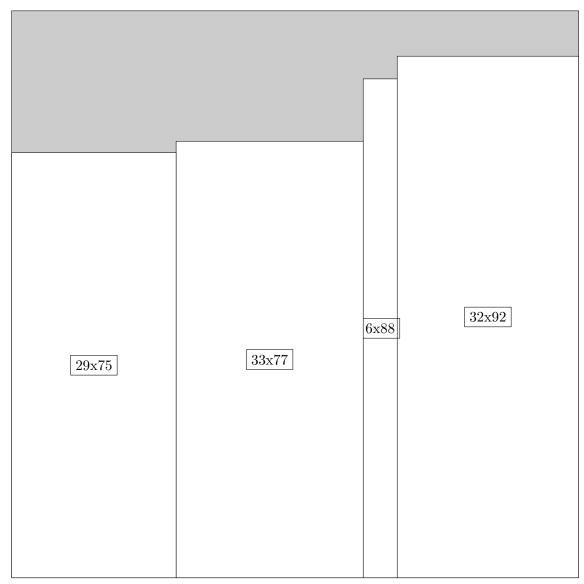
$$\le =40$$
 , h =66 , x =0 , y =0 , v =2640



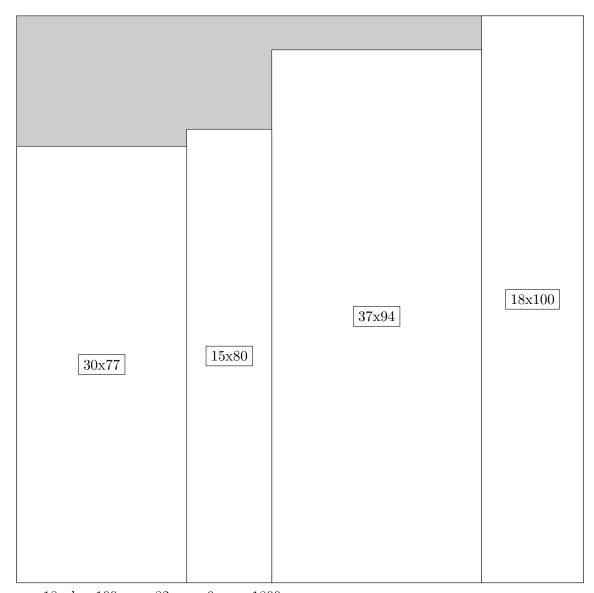
$$\begin{array}{l} w = \! 94 \;,\; h = \! 28 \;,\; x = \! 6 \;,\; y = \! 0 \;,\; v = \! 2632 \\ w = \! 36 \;,\; h = \! 72 \;,\; x = \! 64 \;,\; y = \! 28 \;,\; v = \! 2592 \\ w = \! 12 \;,\; h = \! 72 \;,\; x = \! 52 \;,\; y = \! 28 \;,\; v = \! 864 \\ w = \! 45 \;,\; h = \! 71 \;,\; x = \! 7 \;,\; y = \! 28 \;,\; v = \! 3195 \\ w = \! 5 \;,\; h = \! 94 \;,\; x = \! 1 \;,\; y = \! 0 \;,\; v = \! 470 \end{array}$$



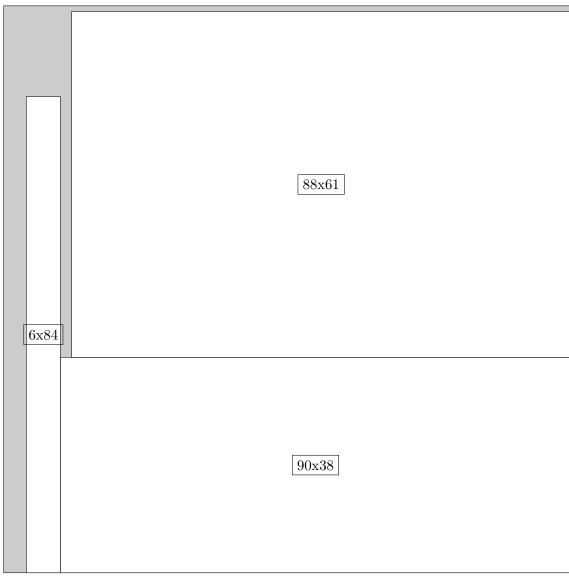
 $\begin{array}{l} w=\!66\;,\,h=\!82\;,\,x=\!34\;,\,y=\!0\;,\,v=\!5412\\ w=\!28\;,\,h=\!82\;,\,x=\!6\;,\,y=\!0\;,\,v=\!2296\\ w=\!6\;,\,h=\!79\;,\,x=\!0\;,\,y=\!0\;,\,v=\!474\\ w=\!86\;,\,h=\!17\;,\,x=\!14\;,\,y=\!82\;,\,v=\!1462 \end{array}$



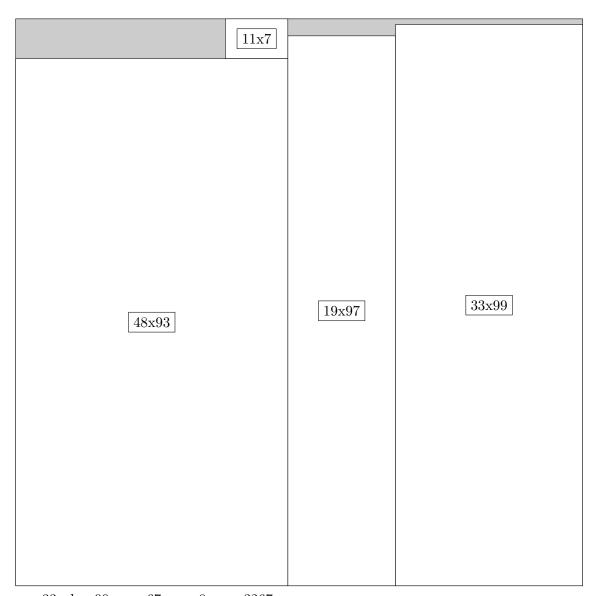
 $\begin{array}{l} w = & 32 \ , \ h = & 92 \ , \ x = & 68 \ , \ y = & 0 \ , \ v = & 2944 \\ w = & 6 \ , \ h = & 88 \ , \ x = & 62 \ , \ y = & 0 \ , \ v = & 528 \\ w = & 33 \ , \ h = & 77 \ , \ x = & 29 \ , \ y = & 0 \ , \ v = & 2541 \\ w = & 29 \ , \ h = & 75 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 2175 \end{array}$



 $\begin{array}{l} w = & 18 \ , \ h = & 100 \ , \ x = & 82 \ , \ y = & 0 \ , \ v = & 1800 \\ w = & 37 \ , \ h = & 94 \ , \ x = & 45 \ , \ y = & 0 \ , \ v = & 3478 \\ w = & 15 \ , \ h = & 80 \ , \ x = & 30 \ , \ y = & 0 \ , \ v = & 1200 \\ w = & 30 \ , \ h = & 77 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 2310 \end{array}$



 $\begin{array}{l} w = & 90 \ , \ h = & 38 \ , \ x = & 10 \ , \ y = & 0 \ , \ v = & 3420 \\ w = & 88 \ , \ h = & 61 \ , \ x = & 12 \ , \ y = & 38 \ , \ v = & 5368 \\ w = & 6 \ , \ h = & 84 \ , \ x = & 4 \ , \ y = & 0 \ , \ v = & 504 \end{array}$

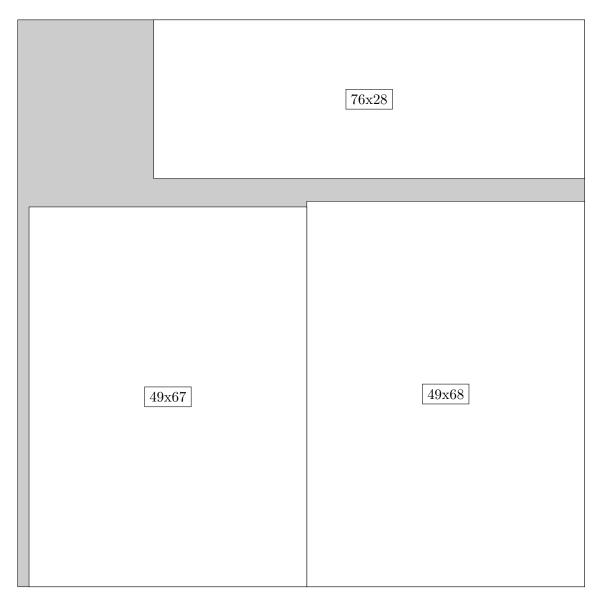


 $\le =33$, h =99 , x =67 , y =0 , v =3267

w = 19 , h = 97 , x = 48 , y = 0 , v = 1843

 $\le =48$, h =93 , x =0 , y =0 , v =4464

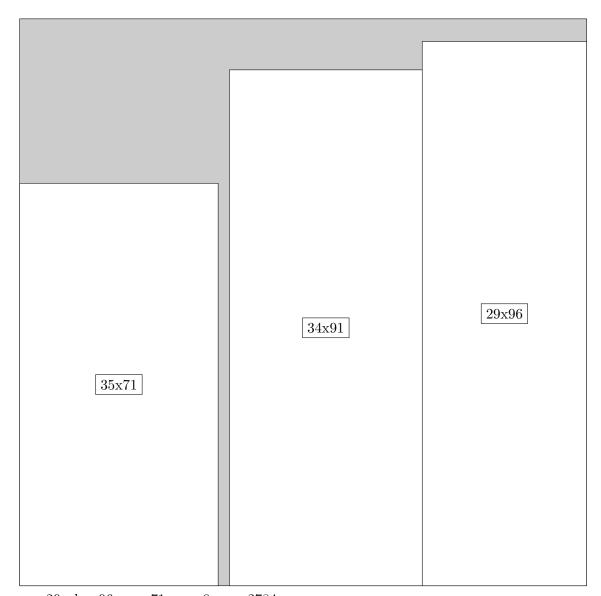
 $w=\!11$, $h=\!7$, $x=\!37$, $y=\!93$, $v=\!77$



$$w = 49$$
, $h = 68$, $x = 51$, $y = 0$, $v = 3332$

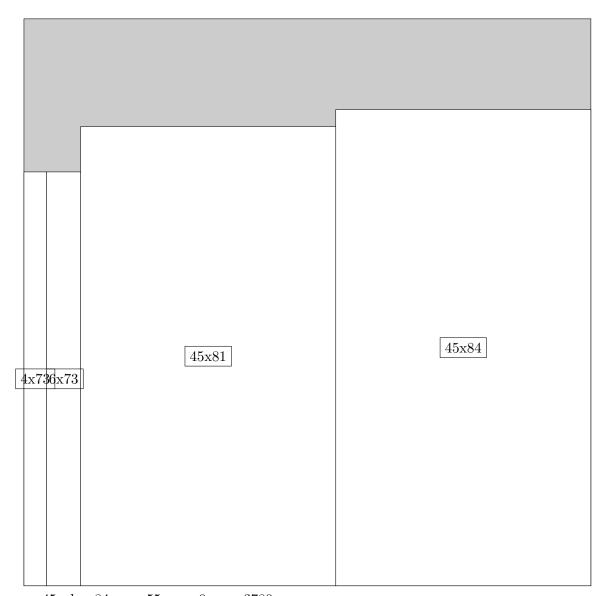
$$\le =49$$
 , h =67 , x =2 , y =0 , v =3283

$$\le =76$$
 , h =28 , x =24 , y =72 , v =2128



$$\begin{array}{l} w = \! 29 \ , \ h = \! 96 \ , \ x = \! 71 \ , \ y = \! 0 \ , \ v = \! 2784 \\ w = \! 34 \ , \ h = \! 91 \ , \ x = \! 37 \ , \ y = \! 0 \ , \ v = \! 3094 \end{array}$$

$$\le =35$$
 , h =71 , x =0 , y =0 , v =2485



 $\begin{array}{l} w = \!\! 45 \ , \ h = \!\! 84 \ , \ x = \!\! 55 \ , \ y = \!\! 0 \ , \ v = \!\! 3780 \\ w = \!\! 45 \ , \ h = \!\! 81 \ , \ x = \!\! 10 \ , \ y = \!\! 0 \ , \ v = \!\! 3645 \\ w = \!\! 6 \ , \ h = \!\! 73 \ , \ x = \!\! 4 \ , \ y = \!\! 0 \ , \ v = \!\! 438 \\ w = \!\! 4 \ , \ h = \!\! 73 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 292 \end{array}$