$ClassName: \ Class\_07.2bp-33$ 

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

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>210000</u> InS: <u>184308</u> Rate: <u>0.878</u> UB: <u>21</u> LB0: <u>21</u>

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

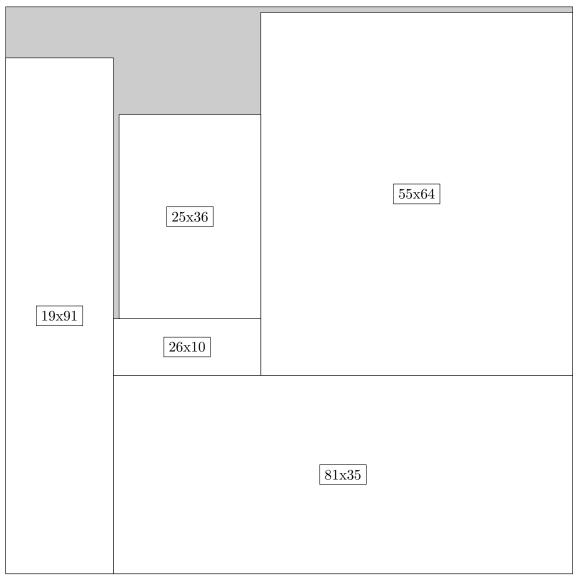
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{21}}$ 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: 600.359 s

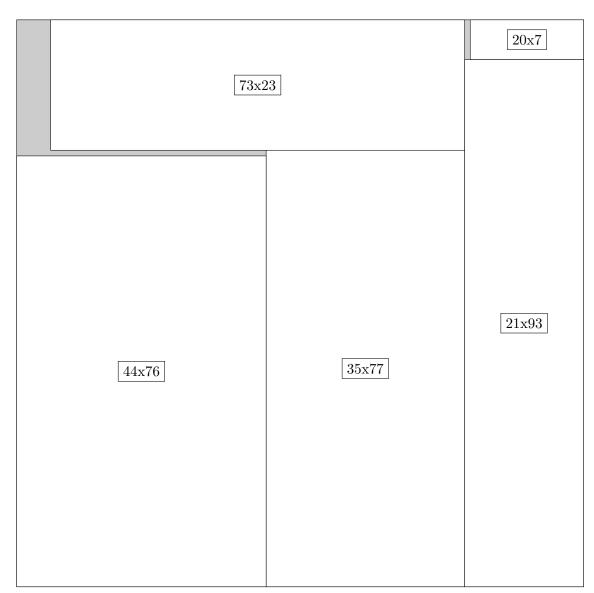


$$w = 81$$
,  $h = 35$ ,  $x = 19$ ,  $y = 0$ ,  $v = 2835$ 

$$\begin{array}{l} w = \!\! 55 \ , \ h = \!\! 64 \ , \ x = \!\! 45 \ , \ y = \!\! 35 \ , \ v = \!\! 3520 \\ w = \!\! 26 \ , \ h = \!\! 10 \ , \ x = \!\! 19 \ , \ y = \!\! 35 \ , \ v = \!\! 260 \end{array}$$

$$w = 25 + h = 36 + x = 20 + y = 45 + y = 900$$

$$\begin{array}{l} w = \! 25 \ , \ h = \! 36 \ , \ x = \! 20 \ , \ y = \! 45 \ , \ v = \! 900 \\ w = \! 19 \ , \ h = \! 91 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1729 \end{array}$$



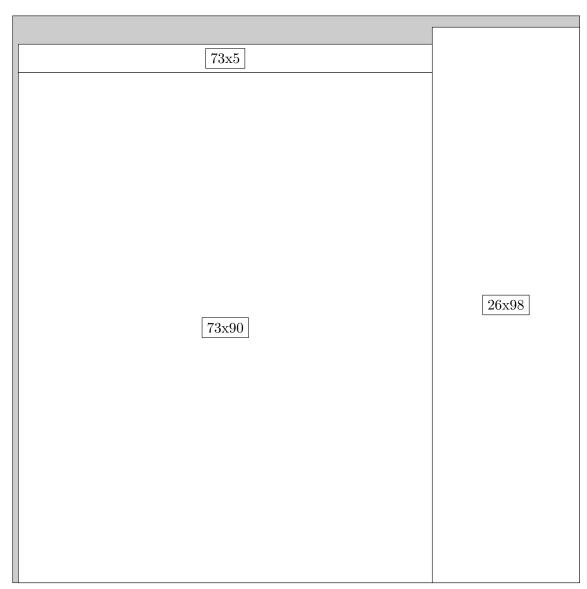
$$w = 21$$
,  $h = 93$ ,  $x = 79$ ,  $y = 0$ ,  $v = 1953$ 

$$\le =20$$
 ,  $h$  =7 ,  $x$  =80 ,  $y$  =93 ,  $v$  =140

$$\le =35$$
 , h =77 , x =44 , y =0 , v =2695

$$\mathbf{w}$$
 =44 , h =76 , x =0 , y =0 , v =3344

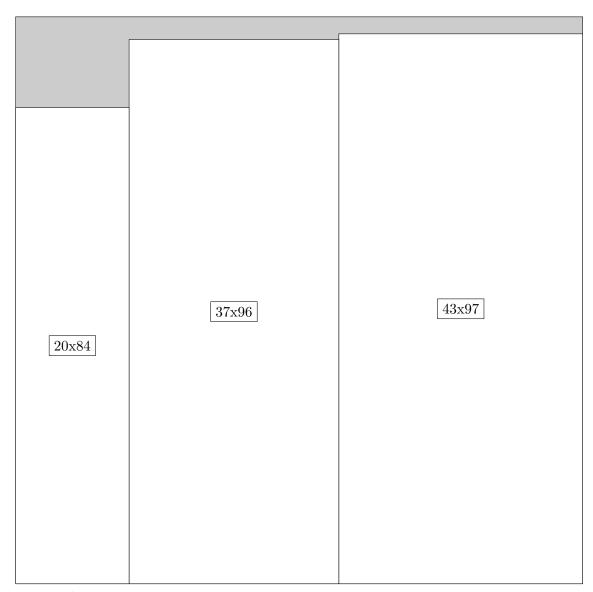
$$w = 73$$
,  $h = 23$ ,  $x = 6$ ,  $y = 77$ ,  $v = 1679$ 



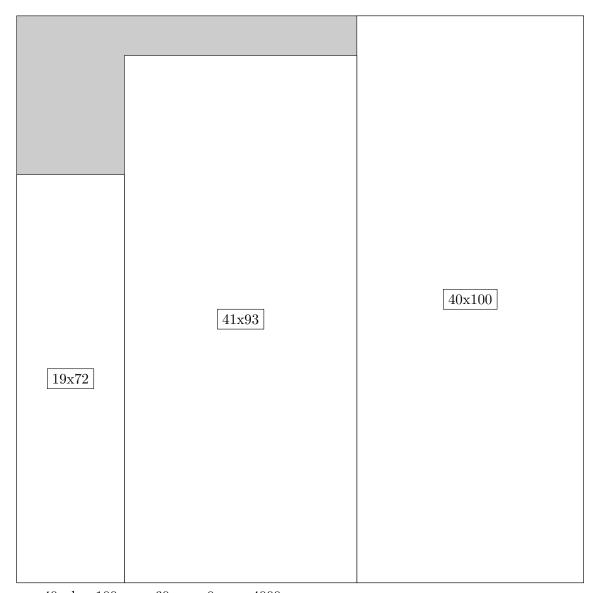
$$w = 26$$
,  $h = 98$ ,  $x = 74$ ,  $y = 0$ ,  $v = 2548$ 

$$\le =73$$
 , h =90 , x =1 , y =0 , v =6570

$$\le -73$$
 , h =5 , x =1 , y =90 , v =365

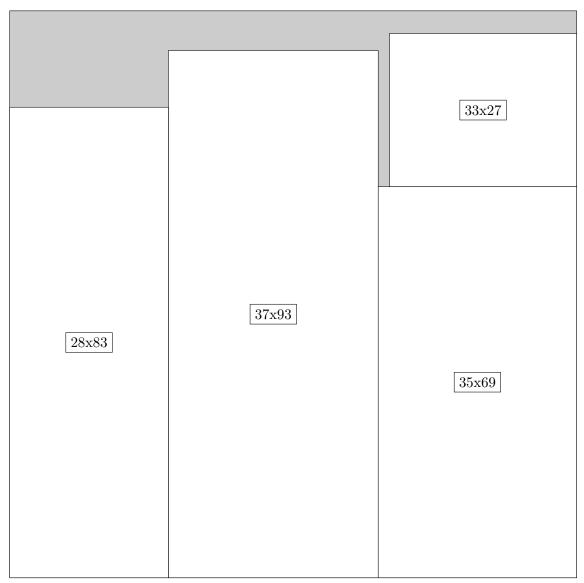


 $\begin{array}{l} w = \! 43 \ , \ h = \! 97 \ , \ x = \! 57 \ , \ y = \! 0 \ , \ v = \! 4171 \\ w = \! 37 \ , \ h = \! 96 \ , \ x = \! 20 \ , \ y = \! 0 \ , \ v = \! 3552 \\ w = \! 20 \ , \ h = \! 84 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1680 \end{array}$ 



 $\begin{array}{l} w = \! 40 \ , \ h = \! 100 \ , \ x = \! 60 \ , \ y = \! 0 \ , \ v = \! 4000 \\ w = \! 41 \ , \ h = \! 93 \ , \ x = \! 19 \ , \ y = \! 0 \ , \ v = \! 3813 \end{array}$ 

w = 19, h = 72, x = 0, y = 0, v = 1368

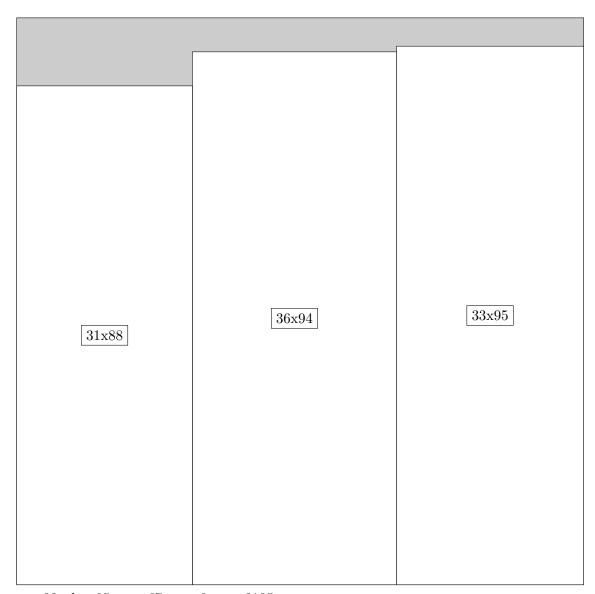


$$\le =35$$
 ,  $h=69$  ,  $x=65$  ,  $y=0$  ,  $v=2415$ 

$$\le =33$$
 , h =27 , x =67 , y =69 , v =891

$$\le =37$$
 , h =93 , x =28 , y =0 , v =3441

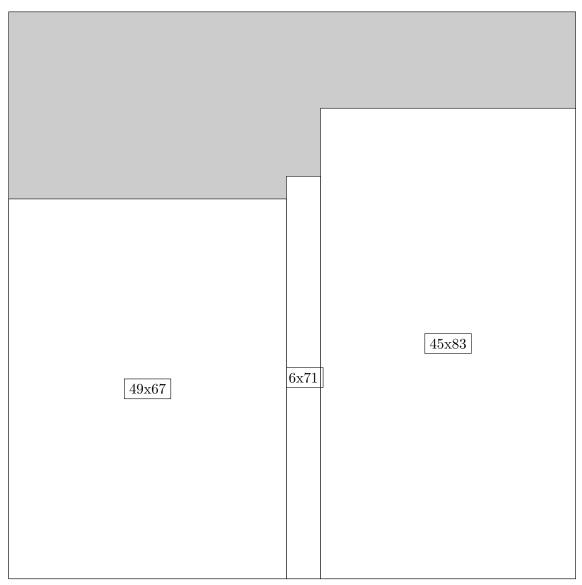
$$\le =28$$
 , h =83 , x =0 , y =0 , v =2324



 $\le =33$  , h =95 , x =67 , y =0 , v =3135

 $\le =36$  , h =94 , x =31 , y =0 , v =3384

 $\le =31$  , h =88 , x =0 , y =0 , v =2728



 $\begin{array}{l} w = \! 45 \ , \ h = \! 83 \ , \ x = \! 55 \ , \ y = \! 0 \ , \ v = \! 3735 \\ w = \! 6 \ , \ h = \! 71 \ , \ x = \! 49 \ , \ y = \! 0 \ , \ v = \! 426 \\ w = \! 49 \ , \ h = \! 67 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3283 \end{array}$ 

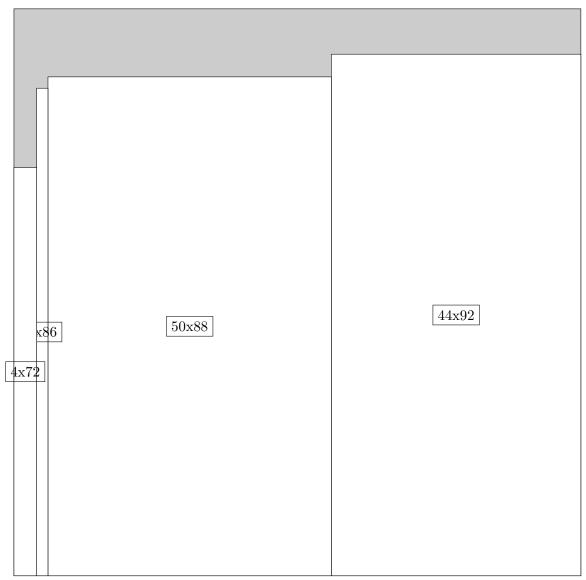


$$w = 92$$
,  $h = 36$ ,  $x = 8$ ,  $y = 0$ ,  $v = 3312$   
 $w = 5$ ,  $h = 31$ ,  $x = 3$ ,  $y = 0$ ,  $v = 155$ 

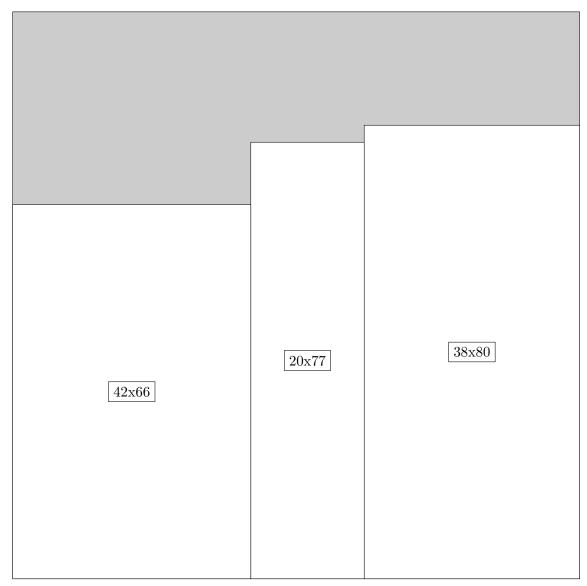
$$\le =90$$
 , h =11 , x =10 , y =36 , v =990

$$\begin{array}{l} w = \! 10 \ , \ h = \! 4 \ , \ x = \! 0 \ , \ y = \! 36 \ , \ v = \! 40 \\ w = \! 51 \ , \ h = \! 53 \ , \ x = \! 49 \ , \ y = \! 47 \ , \ v = \! 2703 \end{array}$$

$$\le =49$$
 , h =41 , x =0 , y =47 , v =2009



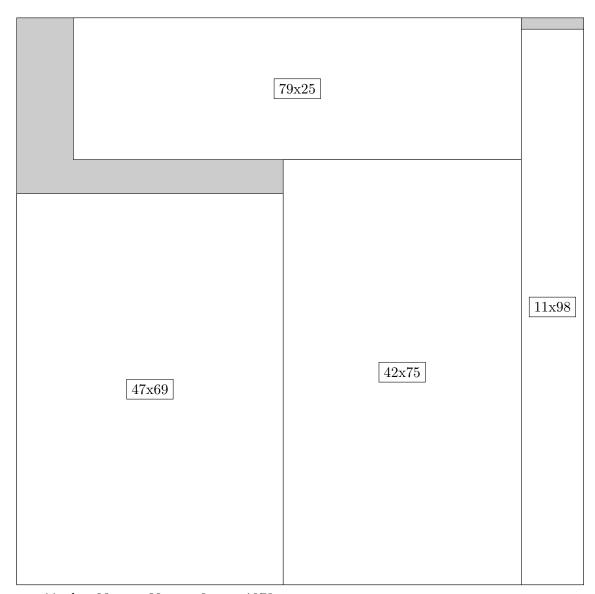
 $\begin{array}{l} w = \! 44 \; , \; h = \! 92 \; , \; x = \! 56 \; , \; y = \! 0 \; , \; v = \! 4048 \\ w = \! 50 \; , \; h = \! 88 \; , \; x = \! 6 \; , \; y = \! 0 \; , \; v = \! 4400 \\ w = \! 2 \; , \; h = \! 86 \; , \; x = \! 4 \; , \; y = \! 0 \; , \; v = \! 172 \\ w = \! 4 \; , \; h = \! 72 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 288 \end{array}$ 



$$w = 38$$
,  $h = 80$ ,  $x = 62$ ,  $y = 0$ ,  $v = 3040$ 

$$\le =20$$
 , h =77 , x =42 , y =0 , v =1540

$$\le =42$$
 , h =66 , x =0 , y =0 , v =2772

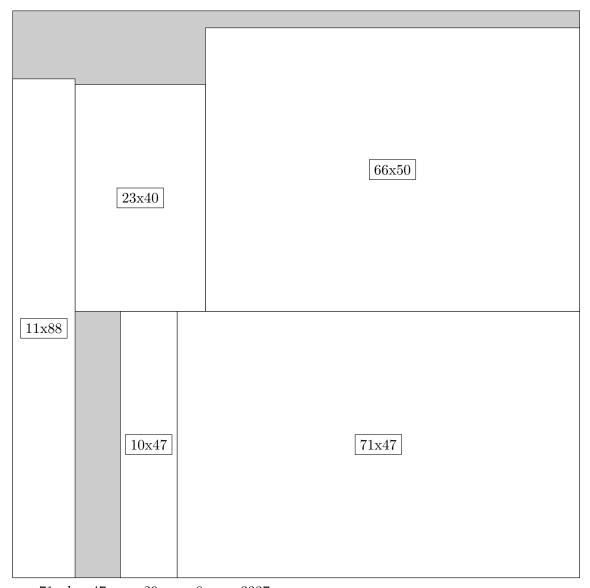


$$\le =11$$
 ,  $h$  =98 ,  $x$  =89 ,  $y$  =0 ,  $v$  =1078

$$\le =42$$
 ,  $h$  =75 ,  $x$  =47 ,  $y$  =0 ,  $v$  =3150

$$\le =47$$
 , h =69 , x =0 , y =0 , v =3243

$$\le =79$$
 , h =25 , x =10 , y =75 , v =1975



$$\le =71$$
 , h =47 , x =29 , y =0 , v =3337

$$\le =10$$
 ,  $h=47$  ,  $x=19$  ,  $y=0$  ,  $v=470$ 

$$\le =66$$
 ,  $h=\!50$  ,  $x=\!34$  ,  $y=\!47$  ,  $v=\!3300$ 

$$\le =23$$
 , h =40 , x =11 , y =47 , v =920

$$\le =11$$
 ,  $h=88$  ,  $x=0$  ,  $y=0$  ,  $v=968$ 

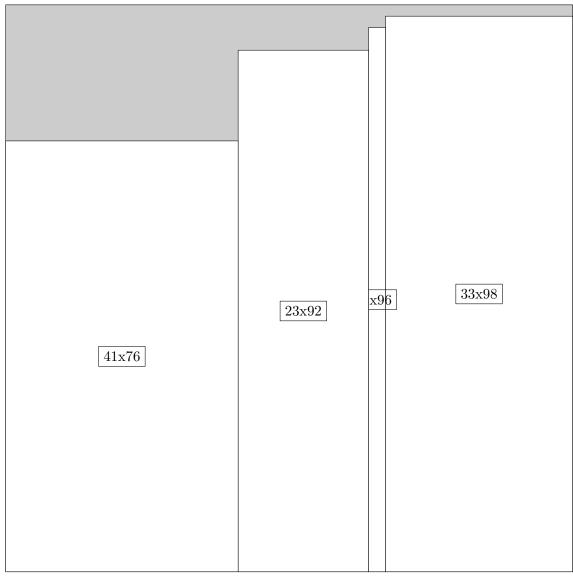
		41x27
12x83	47x83	41x71

$$\mathbf{w}$$
 =41 , h =71 , x =59 , y =0 , v =2911

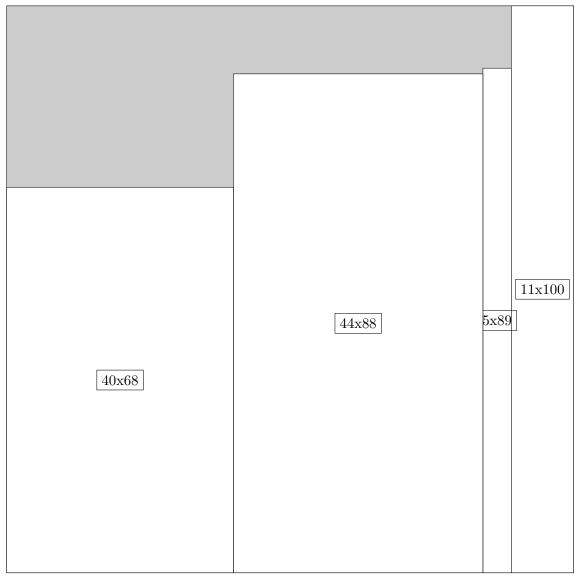
$$\le =47$$
 , h =83 , x =12 , y =0 , v =3901

$$\le =12$$
 , h =83 , x =0 , y =0 , v =996

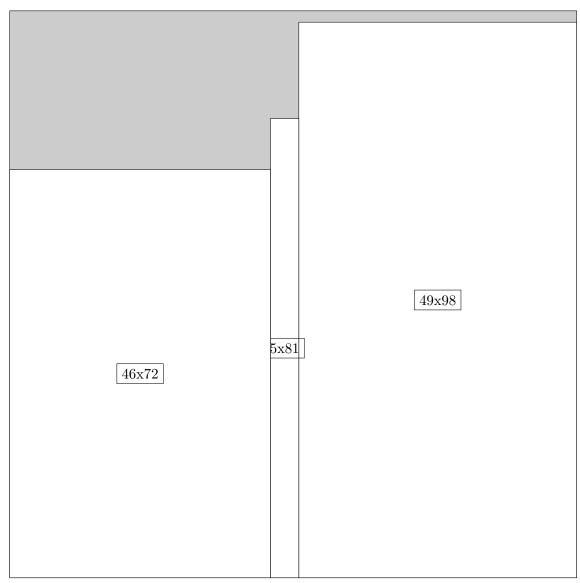
 $<sup>\</sup>le =41$  , h=27 , x=59 , y=71 , v=1107



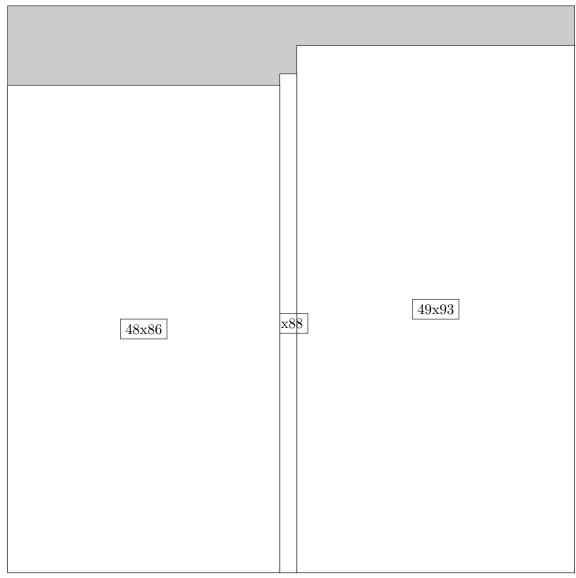
 $\begin{array}{l} w = \! 33 \; , \; h = \! 98 \; , \; x = \! 67 \; , \; y = \! 0 \; , \; v = \! 3234 \\ w = \! 3 \; , \; h = \! 96 \; , \; x = \! 64 \; , \; y = \! 0 \; , \; v = \! 288 \\ w = \! 23 \; , \; h = \! 92 \; , \; x = \! 41 \; , \; y = \! 0 \; , \; v = \! 2116 \\ w = \! 41 \; , \; h = \! 76 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 3116 \end{array}$ 



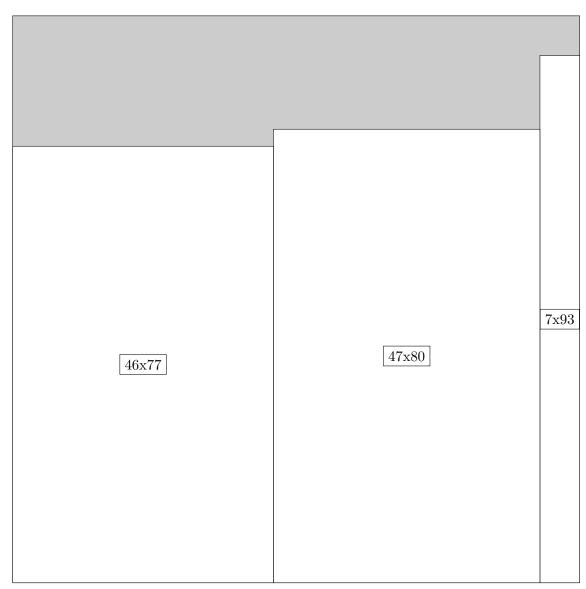
 $\begin{array}{l} w = & 11 \;,\; h = & 100 \;,\; x = & 89 \;,\; y = & 0 \;,\; v = & 1100 \\ w = & 5 \;,\; h = & 89 \;,\; x = & 84 \;,\; y = & 0 \;,\; v = & 445 \\ w = & 44 \;,\; h = & 88 \;,\; x = & 40 \;,\; y = & 0 \;,\; v = & 3872 \\ w = & 40 \;,\; h = & 68 \;,\; x = & 0 \;,\; y = & 0 \;,\; v = & 2720 \end{array}$ 



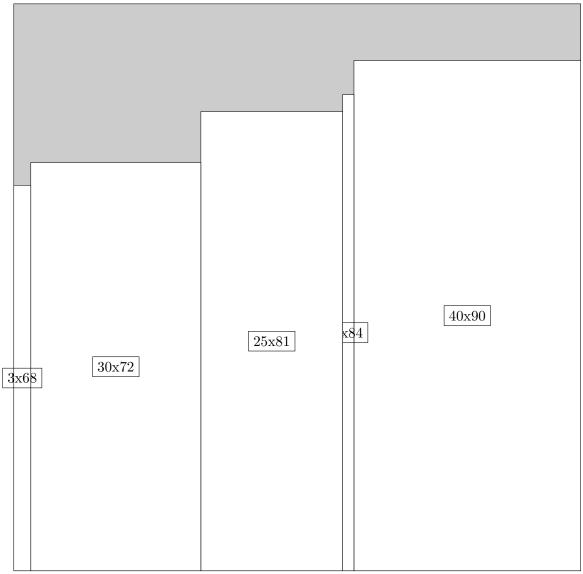
 $\begin{array}{l} w = \! 49 \ , \ h = \! 98 \ , \ x = \! 51 \ , \ y = \! 0 \ , \ v = \! 4802 \\ w = \! 5 \ , \ h = \! 81 \ , \ x = \! 46 \ , \ y = \! 0 \ , \ v = \! 405 \\ w = \! 46 \ , \ h = \! 72 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3312 \end{array}$ 



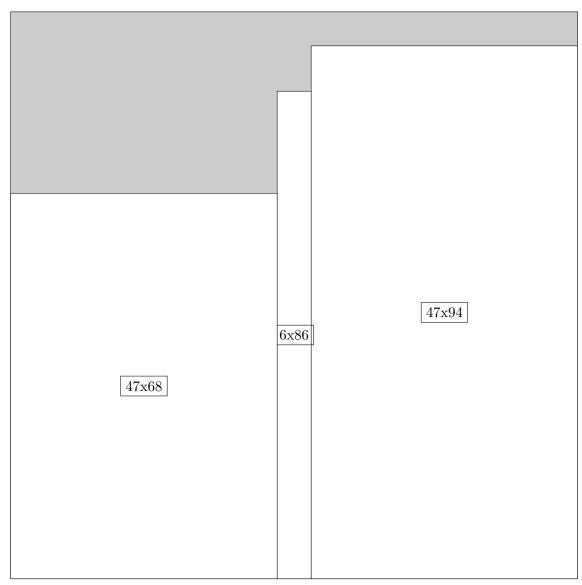
 $\begin{array}{l} w = \! 49 \ , \ h = \! 93 \ , \ x = \! 51 \ , \ y = \! 0 \ , \ v = \! 4557 \\ w = \! 3 \ , \ h = \! 88 \ , \ x = \! 48 \ , \ y = \! 0 \ , \ v = \! 264 \\ w = \! 48 \ , \ h = \! 86 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4128 \end{array}$ 



$$\begin{array}{l} w=7\ ,\, h=\!93\ ,\, x=\!93\ ,\, y=\!0\ ,\, v=\!651\\ w=\!47\ ,\, h=\!80\ ,\, x=\!46\ ,\, y=\!0\ ,\, v=\!3760\\ w=\!46\ ,\, h=\!77\ ,\, x=\!0\ ,\, y=\!0\ ,\, v=\!3542 \end{array}$$



 $\begin{array}{l} w = \!\! 40 \ , \ h = \!\! 90 \ , \ x = \!\! 60 \ , \ y = \!\! 0 \ , \ v = \!\! 3600 \\ w = \!\! 2 \ , \ h = \!\! 84 \ , \ x = \!\! 58 \ , \ y = \!\! 0 \ , \ v = \!\! 168 \\ w = \!\! 25 \ , \ h = \!\! 81 \ , \ x = \!\! 33 \ , \ y = \!\! 0 \ , \ v = \!\! 2025 \\ w = \!\! 30 \ , \ h = \!\! 72 \ , \ x = \!\! 3 \ , \ y = \!\! 0 \ , \ v = \!\! 2160 \\ w = \!\! 3 \ , \ h = \!\! 68 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 204 \end{array}$ 



 $\begin{array}{l} w = \!\! 47 \ , \ h = \!\! 94 \ , \ x = \!\! 53 \ , \ y = \!\! 0 \ , \ v = \!\! 4418 \\ w = \!\! 6 \ , \ h = \!\! 86 \ , \ x = \!\! 47 \ , \ y = \!\! 0 \ , \ v = \!\! 516 \\ w = \!\! 47 \ , \ h = \!\! 68 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3196 \end{array}$