$ClassName: \ Class\_07.2bp-43$ 

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

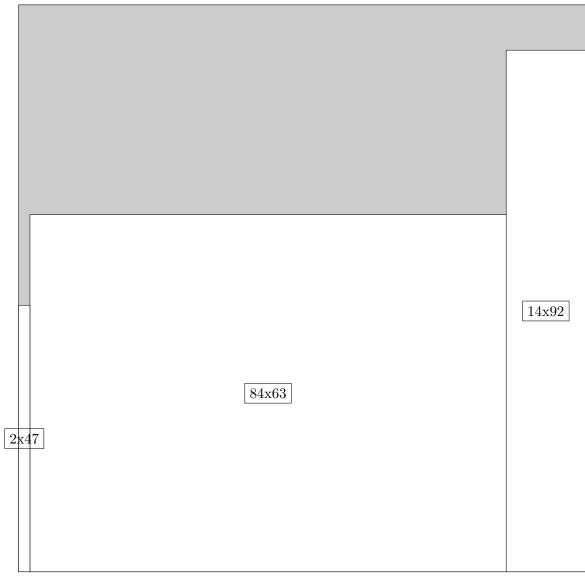
TypeNum: <u>96</u>
Num: <u>100</u>
OutS: <u>270000</u>
InS: <u>225535</u>
Rate: <u>0.835</u>
UB: <u>27</u>

LB:  $\underline{27}$ LBWithCut:  $\underline{27}$ NodeCount:  $\underline{0}$ PrimalNode:  $\underline{0}$ ColumnCount:  $\underline{27}$ TotalCutCount:  $\underline{0}$ RootCutCount:  $\underline{0}$ LPSolverCnt:  $\underline{1}$ 

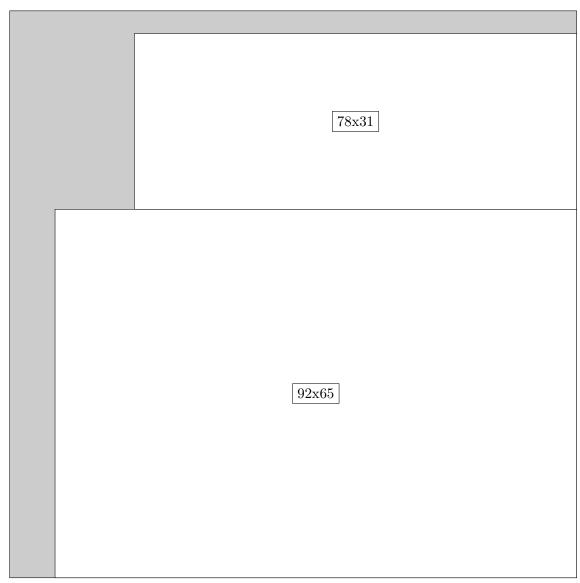
PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

isOpt: **true** 

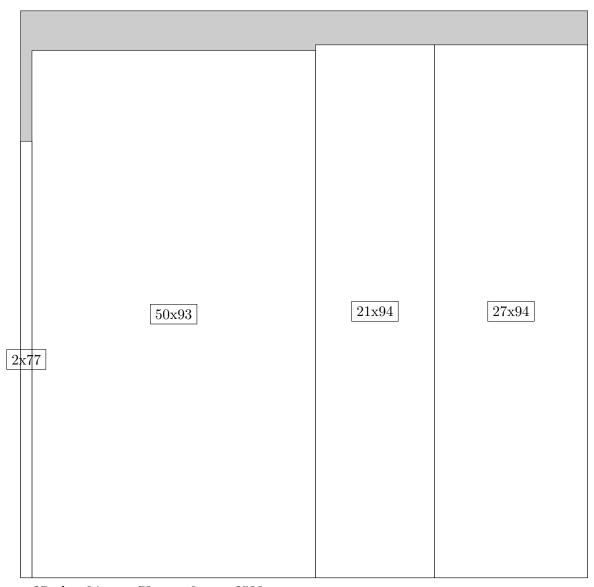
TimeOnPrimal:  $\underline{0.000 \text{ s}}$ TimeOnPricing:  $\underline{0.000 \text{ s}}$ TimeOnRmp:  $\underline{0.078 \text{ s}}$ TotalTime:  $\underline{0.234 \text{ s}}$ 



 $\begin{array}{l} w = \! 14 \; , \; h = \! 92 \; , \; x = \! 86 \; , \; y = \! 0 \; , \; v = \! 1288 \\ w = \! 84 \; , \; h = \! 63 \; , \; x = \! 2 \; , \; y = \! 0 \; , \; v = \! 5292 \\ w = \! 2 \; , \; h = \! 47 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 94 \end{array}$ 



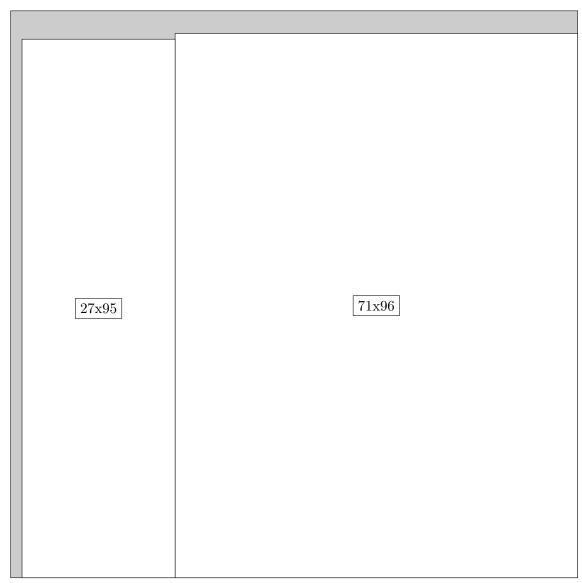
$$\begin{array}{l} w = 92 \; , \; h = \!\! 65 \; , \; x = \!\! 8 \; , \; y = \!\! 0 \; , \; v = \!\! 5980 \\ w = \!\! 78 \; , \; h = \!\! 31 \; , \; x = \!\! 22 \; , \; y = \!\! 65 \; , \; v = \!\! 2418 \\ \end{array}$$



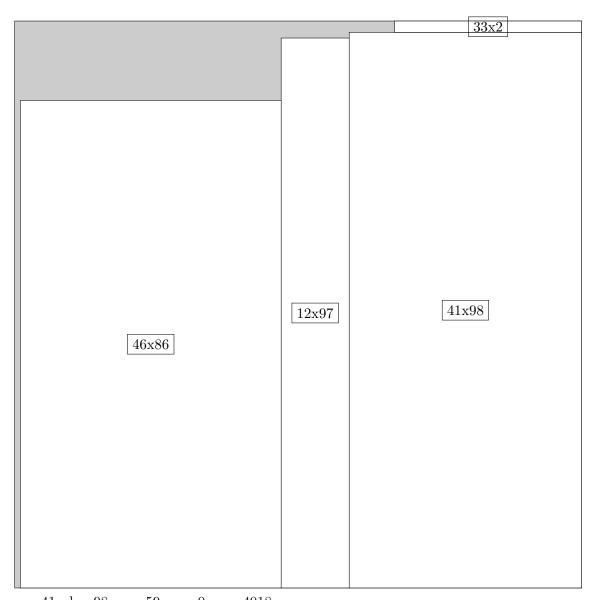
$$\begin{array}{l} w = \! 27 \ , \ h = \! 94 \ , \ x = \! 73 \ , \ y = \! 0 \ , \ v = \! 2538 \\ w = \! 21 \ , \ h = \! 94 \ , \ x = \! 52 \ , \ y = \! 0 \ , \ v = \! 1974 \end{array}$$

$$\mathbf{w}$$
 =50 , h =93 , x =2 , y =0 , v =4650

$$w = 2$$
,  $h = 77$ ,  $x = 0$ ,  $y = 0$ ,  $v = 154$ 

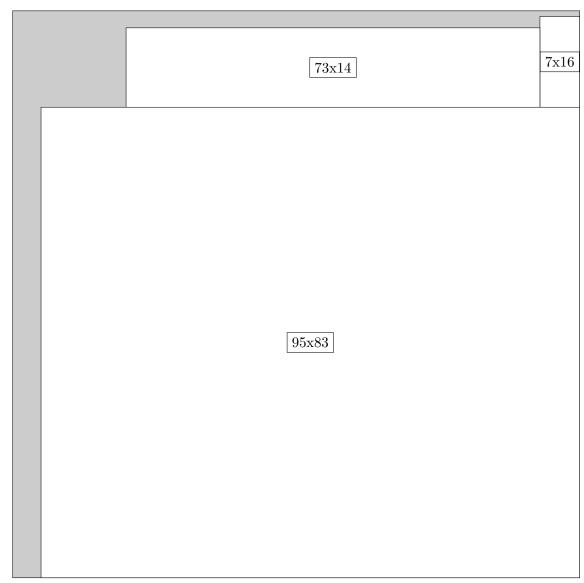


$$\begin{array}{l} w = \! 71 \ , \ h = \! 96 \ , \ x = \! 29 \ , \ y = \! 0 \ , \ v = \! 6816 \\ w = \! 27 \ , \ h = \! 95 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 2565 \end{array}$$

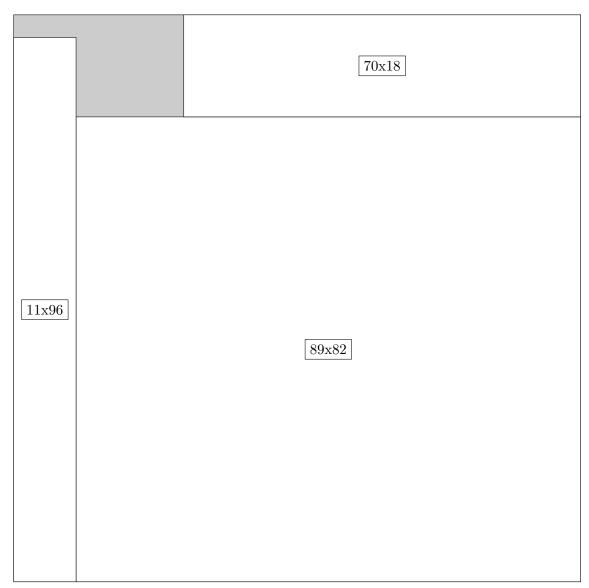


 $\begin{array}{l} w = \! 41 \ , \ h = \! 98 \ , \ x = \! 59 \ , \ y = \! 0 \ , \ v = \! 4018 \\ w = \! 33 \ , \ h = \! 2 \ , \ x = \! 67 \ , \ y = \! 98 \ , \ v = \! 66 \\ w = \! 12 \ , \ h = \! 97 \ , \ x = \! 47 \ , \ y = \! 0 \ , \ v = \! 1164 \end{array}$ 

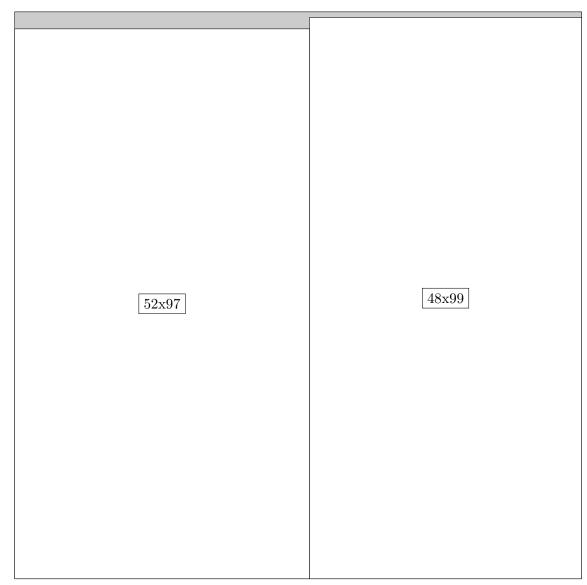
w = 46, h = 86, x = 1, y = 0, v = 3956



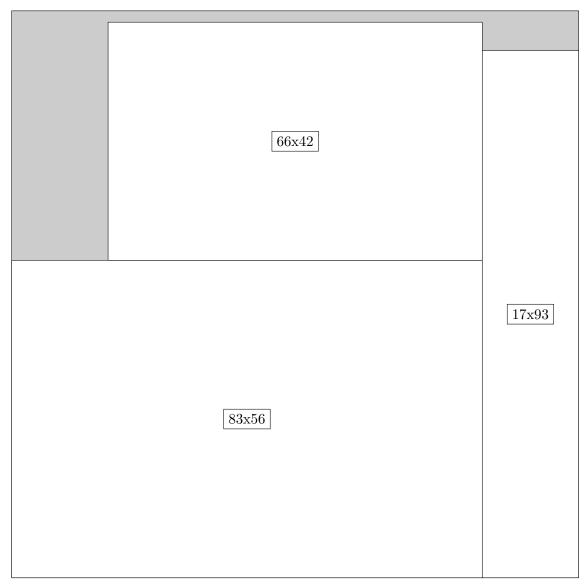
$$\begin{array}{l} w = \! 95 \; , \; h = \! 83 \; , \; x = \! 5 \; , \; y = \! 0 \; , \; v = \! 7885 \\ w = \! 7 \; , \; h = \! 16 \; , \; x = \! 93 \; , \; y = \! 83 \; , \; v = \! 112 \\ w = \! 73 \; , \; h = \! 14 \; , \; x = \! 20 \; , \; y = \! 83 \; , \; v = \! 1022 \end{array}$$



$$\begin{array}{l} w = \! 89 \; , \; h = \! 82 \; , \; x = \! 11 \; , \; y = \! 0 \; , \; v = \! 7298 \\ w = \! 70 \; , \; h = \! 18 \; , \; x = \! 30 \; , \; y = \! 82 \; , \; v = \! 1260 \\ w = \! 11 \; , \; h = \! 96 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 1056 \end{array}$$



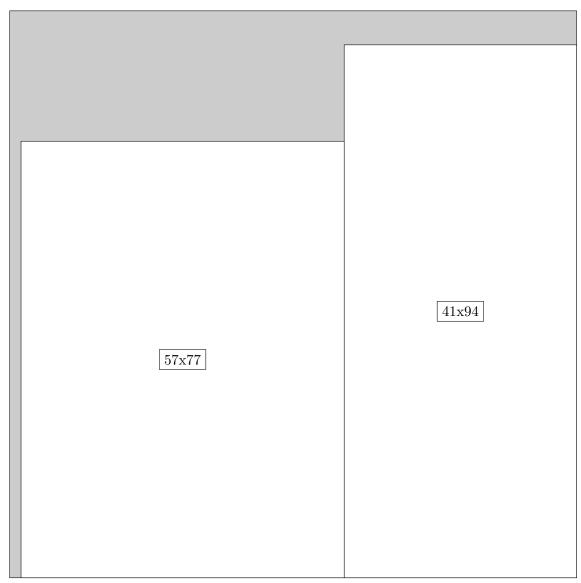
 $\begin{array}{l} w = \!\! 48 \ , \ h = \!\! 99 \ , \ x = \!\! 52 \ , \ y = \!\! 0 \ , \ v = \!\! 4752 \\ w = \!\! 52 \ , \ h = \!\! 97 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 5044 \end{array}$ 



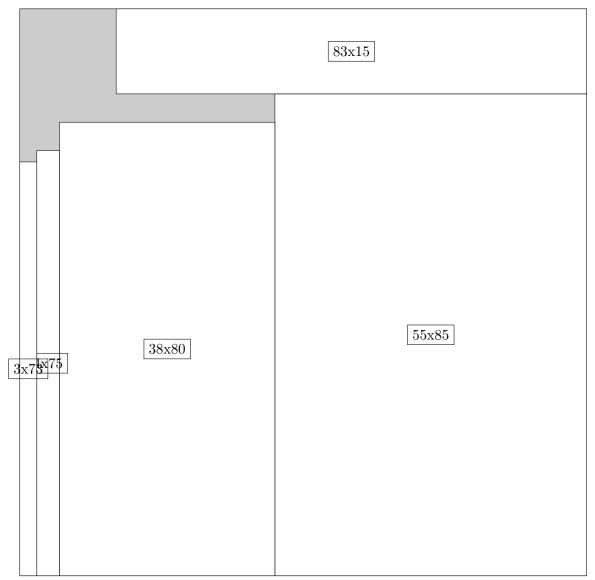
$$\le =17$$
 , h =93 , x =83 , y =0 , v =1581

$$\le =83$$
 , h =56 , x =0 , y =0 , v =4648

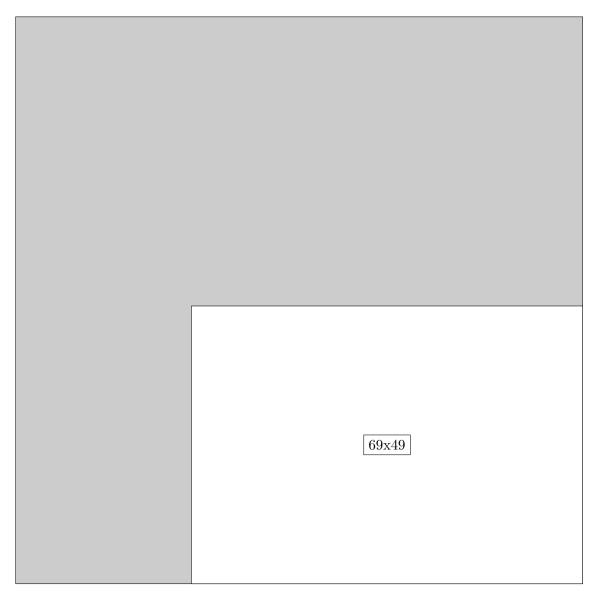
$$\le =66$$
 , h =42 , x =17 , y =  
56 , v =2772



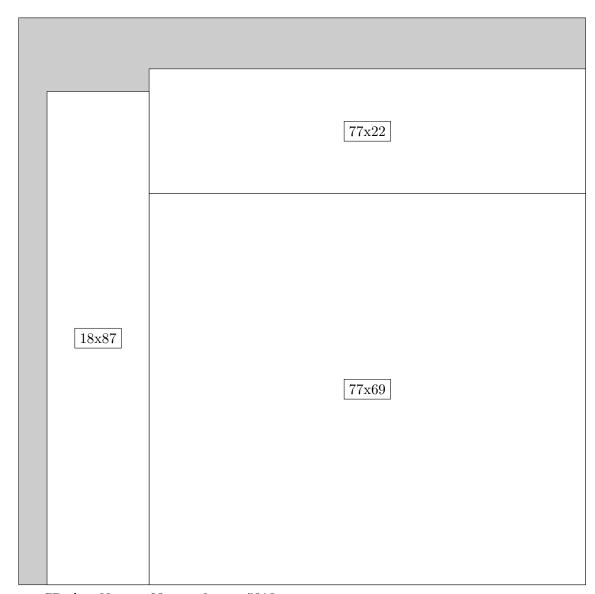
$$\begin{array}{l} w = \!\! 41 \ , \ h = \!\! 94 \ , \ x = \!\! 59 \ , \ y = \!\! 0 \ , \ v = \!\! 3854 \\ w = \!\! 57 \ , \ h = \!\! 77 \ , \ x = \!\! 2 \ , \ y = \!\! 0 \ , \ v = \!\! 4389 \end{array}$$



 $\begin{array}{l} w = \!55 \;,\; h = \!85 \;,\; x = \!45 \;,\; y = \!0 \;,\; v = \!4675 \\ w = \!38 \;,\; h = \!80 \;,\; x = \!7 \;,\; y = \!0 \;,\; v = \!3040 \\ w = \!4 \;,\; h = \!75 \;,\; x = \!3 \;,\; y = \!0 \;,\; v = \!300 \\ w = \!3 \;,\; h = \!73 \;,\; x = \!0 \;,\; y = \!0 \;,\; v = \!219 \\ w = \!83 \;,\; h = \!15 \;,\; x = \!17 \;,\; y = \!85 \;,\; v = \!1245 \end{array}$ 



 $\le =69$  , h =49 , x =31 , y =0 , v =3381



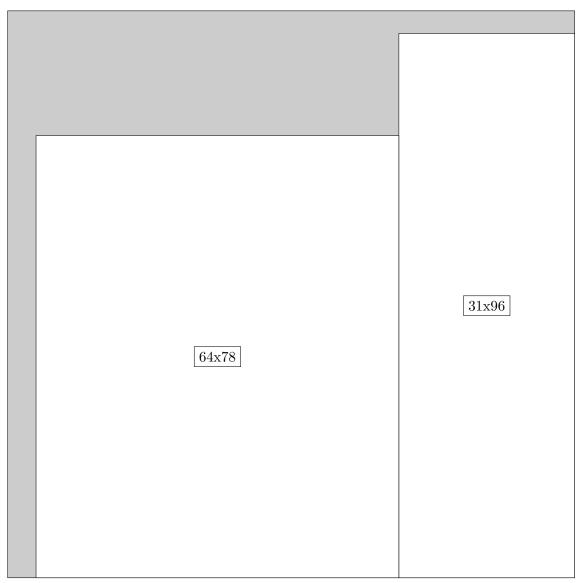
$$\le =18$$
 ,  $==87$  ,  $==5$  ,  $==1566$ 

15x77	36x77	49x77

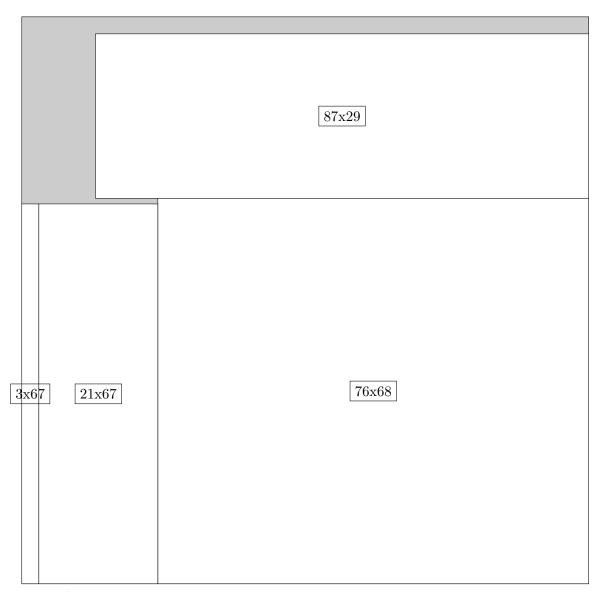
w = 49, h = 77, x = 51, y = 0, v = 3773

 $\le =36$  , h =77 , x =15 , y =0 , v =2772

 $\le =15$  , h =77 , x =0 , y =0 , v =1155

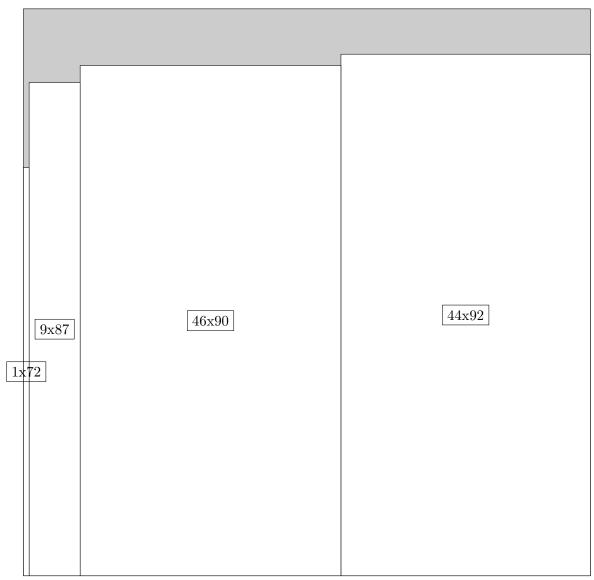


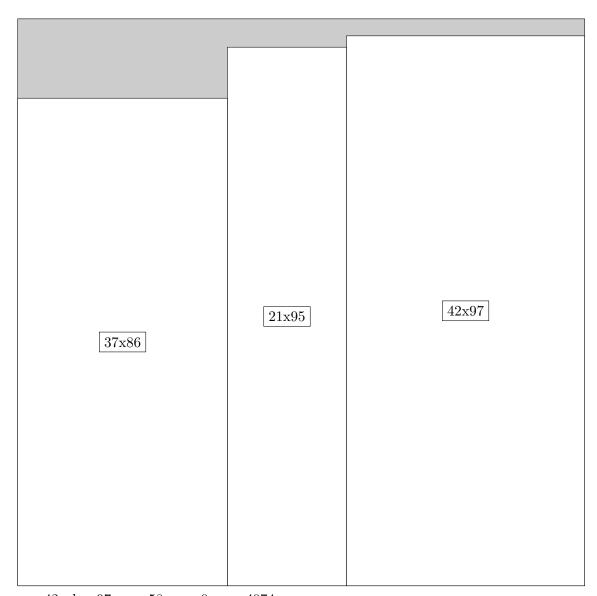
$$\begin{array}{l} w = \! 31 \ , \ h = \! 96 \ , \ x = \! 69 \ , \ y = \! 0 \ , \ v = \! 2976 \\ w = \! 64 \ , \ h = \! 78 \ , \ x = \! 5 \ , \ y = \! 0 \ , \ v = \! 4992 \end{array}$$



$$\begin{array}{l} w = 76 \ , \, h = 68 \ , \, x = 24 \ , \, y = 0 \ , \, v = 5168 \\ w = 21 \ , \, h = 67 \ , \, x = 3 \ , \, y = 0 \ , \, v = 1407 \\ w = 3 \ , \, h = 67 \ , \, x = 0 \ , \, y = 0 \ , \, v = 201 \end{array}$$

 $\le =87$  , h =29 , x =13 , y =68 , v =2523

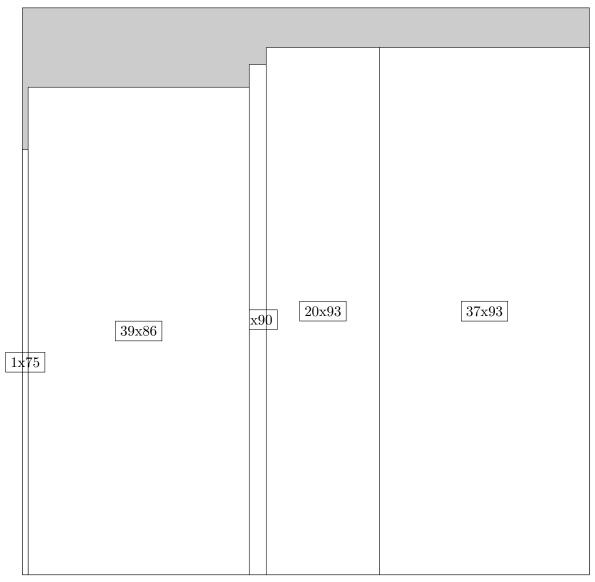




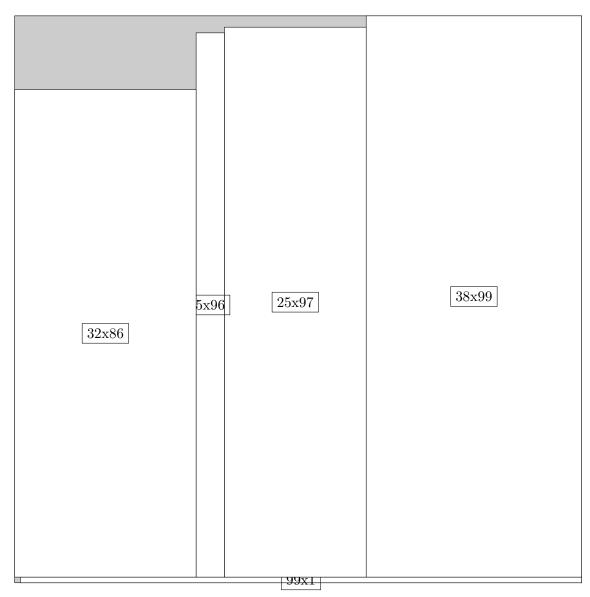
 $\le =42$  , h =97 , x =58 , y =0 , v =4074

 $\le =21$  , h =95 , x =37 , y =0 , v =1995

 $\le =37$  , h =86 , x =0 , y =0 , v =3182



 $\begin{array}{l} w = & 37 \;,\; h = & 93 \;,\; x = & 63 \;,\; y = & 0 \;,\; v = & 3441 \\ w = & 20 \;,\; h = & 93 \;,\; x = & 43 \;,\; y = & 0 \;,\; v = & 1860 \\ w = & 3 \;,\; h = & 90 \;,\; x = & 40 \;,\; y = & 0 \;,\; v = & 270 \\ w = & 39 \;,\; h = & 86 \;,\; x = & 1 \;,\; y = & 0 \;,\; v = & 3354 \\ w = & 1 \;,\; h = & 75 \;,\; x = & 0 \;,\; y = & 0 \;,\; v = & 75 \end{array}$ 

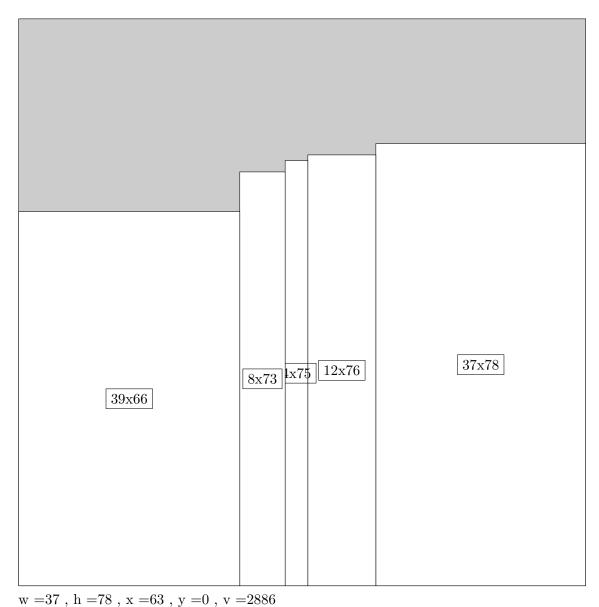


 $\begin{array}{l} w = 99 \ , \ h = 1 \ , \ x = 1 \ , \ y = 0 \ , \ v = 99 \\ w = 38 \ , \ h = 99 \ , \ x = 62 \ , \ y = 1 \ , \ v = 3762 \end{array}$ 

w=25 , h=97 , x=37 , y=1 , v=2425

w = 5, h = 96, x = 32, y = 1, v = 480

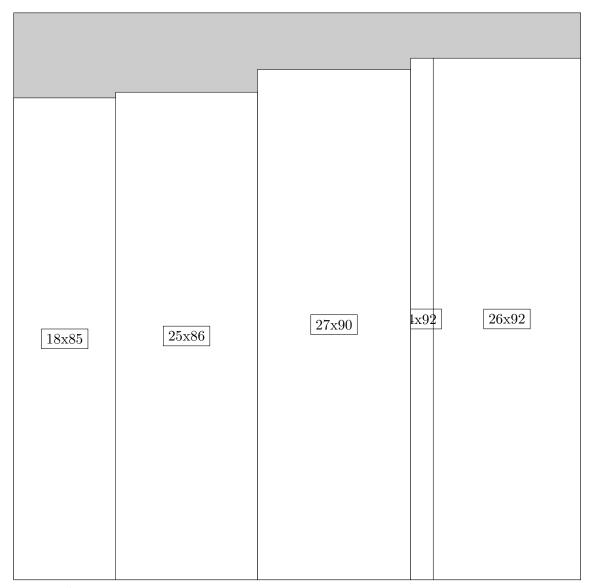
w = 32, h = 86, x = 0, y = 1, v = 2752



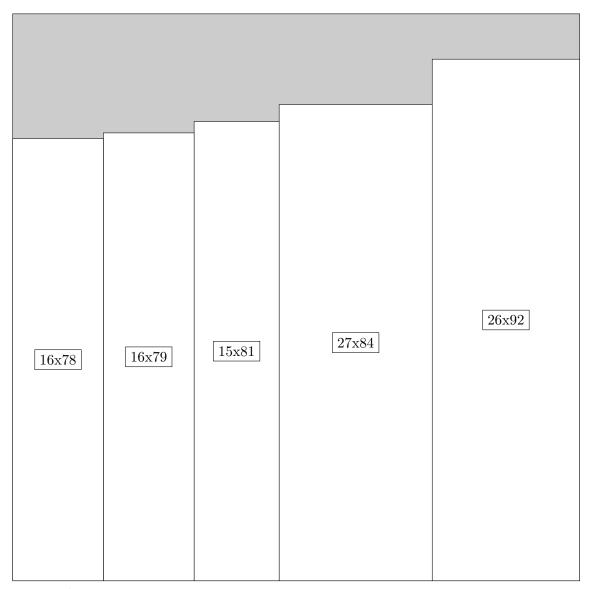
w = 57, h = 78, x = 63, y = 0, v = 2880 w = 12, h = 76, x = 51, y = 0, v = 912 w = 4, h = 75, x = 47, y = 0, v = 300

w =8, h =73, x =39, y =0, v =584

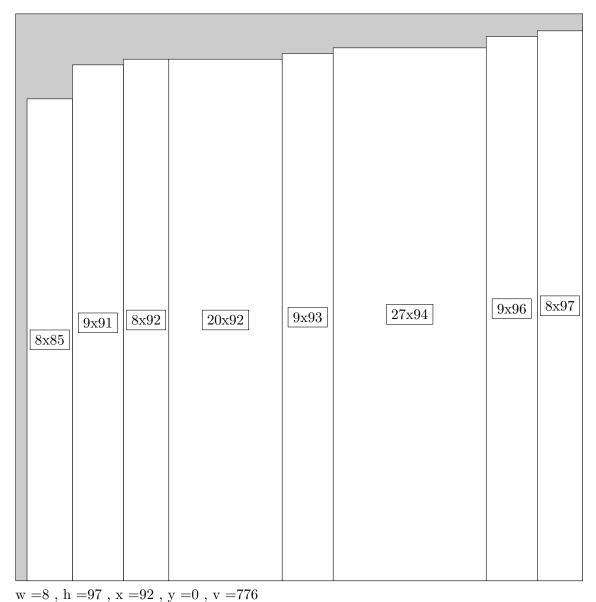
w = 39, h = 66, x = 0, y = 0, v = 2574



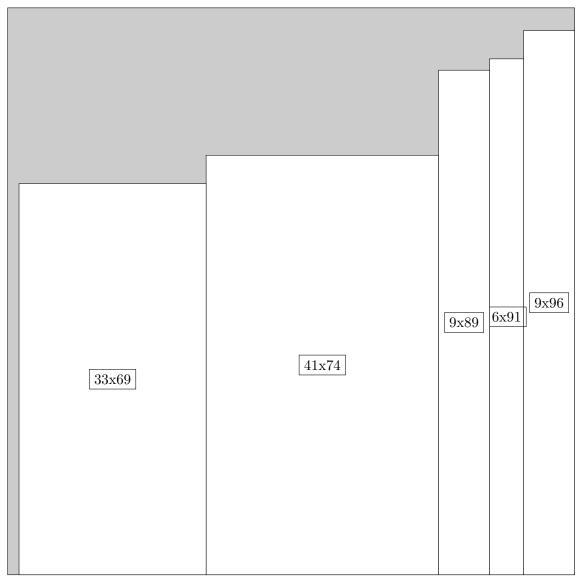
 $\begin{array}{l} w=26 \ , \ h=92 \ , \ x=74 \ , \ y=0 \ , \ v=2392 \\ w=4 \ , \ h=92 \ , \ x=70 \ , \ y=0 \ , \ v=368 \\ w=27 \ , \ h=90 \ , \ x=43 \ , \ y=0 \ , \ v=2430 \\ w=25 \ , \ h=86 \ , \ x=18 \ , \ y=0 \ , \ v=2150 \\ w=18 \ , \ h=85 \ , \ x=0 \ , \ y=0 \ , \ v=1530 \end{array}$ 



$$\begin{array}{l} w=26 \ , \ h=92 \ , \ x=74 \ , \ y=0 \ , \ v=2392 \\ w=27 \ , \ h=84 \ , \ x=47 \ , \ y=0 \ , \ v=2268 \\ w=15 \ , \ h=81 \ , \ x=32 \ , \ y=0 \ , \ v=1215 \\ w=16 \ , \ h=79 \ , \ x=16 \ , \ y=0 \ , \ v=1264 \\ w=16 \ , \ h=78 \ , \ x=0 \ , \ y=0 \ , \ v=1248 \end{array}$$



w = 8, h = 97, x = 92, y = 0, v = 776 w = 9, h = 96, x = 83, y = 0, v = 864 w = 27, h = 94, x = 56, y = 0, v = 2538 w = 9, h = 93, x = 47, y = 0, v = 837 w = 20, h = 92, x = 27, y = 0, v = 1840 w = 8, h = 92, x = 19, y = 0, v = 736 w = 9, h = 91, x = 10, y = 0, v = 819 w = 8, h = 85, x = 2, y = 0, v = 680



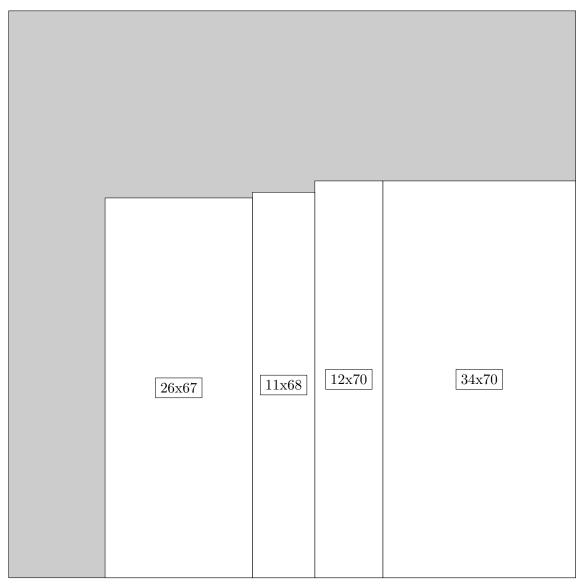
$$w = 9$$
,  $h = 96$ ,  $x = 91$ ,  $y = 0$ ,  $v = 864$ 

$$w$$
 =6 , h =91 , x =85 , y =0 , v =546

$$w$$
 =9 , h =89 , x =76 , y =0 , v =801

$$\mathbf{w}$$
 =41 , h =74 , x =35 , y =0 , v =3034

$$w = 33$$
,  $h = 69$ ,  $x = 2$ ,  $y = 0$ ,  $v = 2277$ 

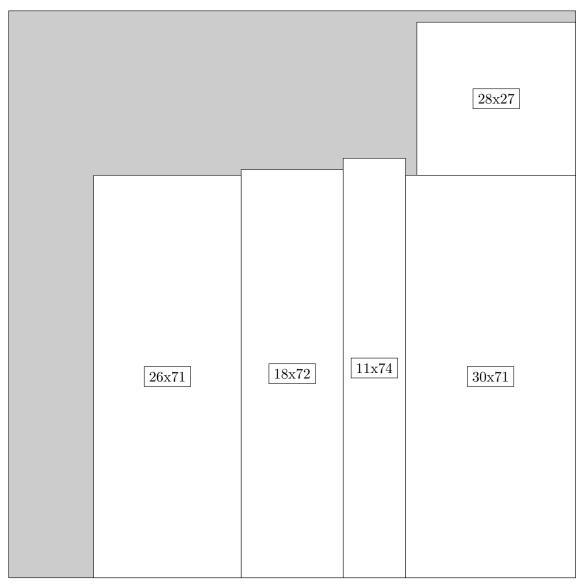


$$\le =34$$
 , h =70 , x =66 , y =0 , v =2380

$$\le =12$$
 ,  $h$  =70 ,  $x$  =54 ,  $y$  =0 ,  $v$  =840

$$\le =11$$
 , h =68 , x =43 , y =0 , v =748

$$\mathbf{w}$$
 =26 , h =67 , x =17 , y =0 , v =1742



$$w = 30$$
,  $h = 71$ ,  $x = 70$ ,  $y = 0$ ,  $v = 2130$ 

$$\le =28$$
 , h =27 , x =72 , y =71 , v =756

$$\le =11$$
 ,  $h=74$  ,  $x=59$  ,  $y=0$  ,  $v=814$ 

$$\mathbf{w}$$
 =18 , h =72 , x =41 , y =0 , v =1296

$$\mathbf{w}$$
 =26 , h =71 , x =15 , y =0 , v =1846