$ClassName: \ Class\_07.2bp-34$ 

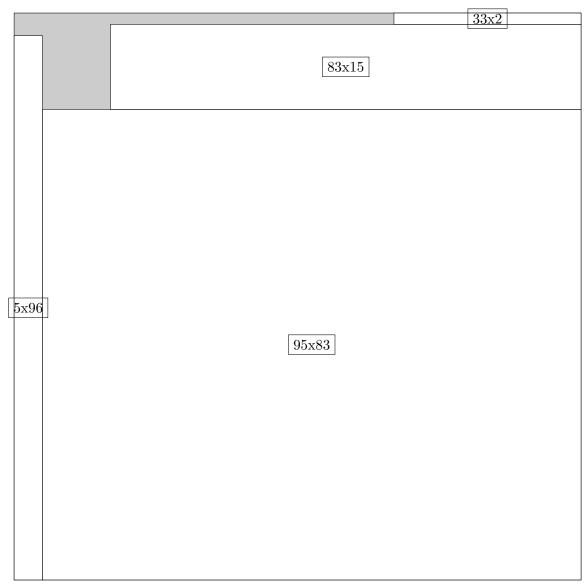
BinSize:  $\underline{100 \times 100}$ ReduceSize:  $\underline{100 \times 100}$ 

TypeNum: <u>78</u> Num: <u>80</u> OutS: <u>240000</u> InS: <u>196560</u> Rate: <u>0.819</u> UB: <u>24</u> LB: <u>24</u>

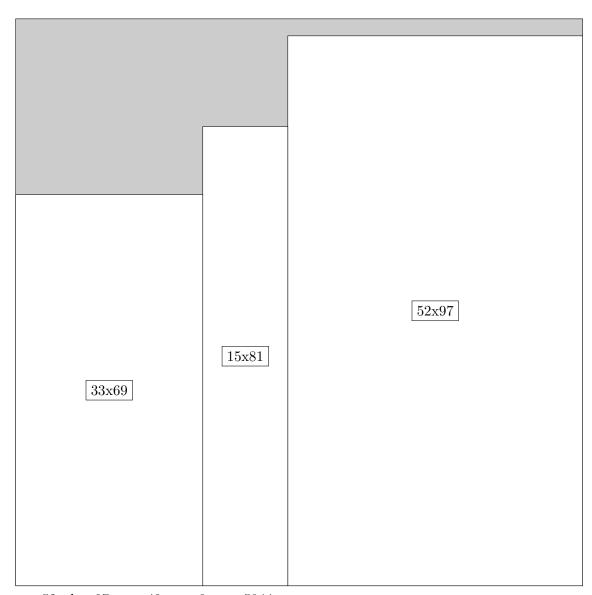
LBWithCut:  $\underline{24}$ NodeCount:  $\underline{0}$ PrimalNode:  $\underline{0}$ ColumnCount:  $\underline{24}$ TotalCutCount:  $\underline{0}$ RootCutCount:  $\underline{0}$ LPSolverCnt:  $\underline{1}$ PricingSolverCnt:  $\underline{0}$ BranchAndBoundNum:  $\underline{1}$ 

isOpt: **true** 

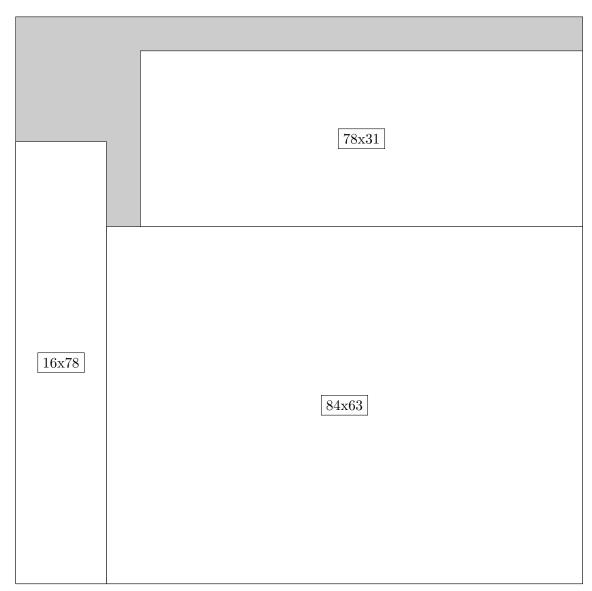
TimeOnPrimal:  $\underline{0.000 \text{ s}}$ TimeOnPricing:  $\underline{0.000 \text{ s}}$ TimeOnRmp:  $\underline{0.062 \text{ s}}$ TotalTime:  $\underline{0.234 \text{ s}}$ 



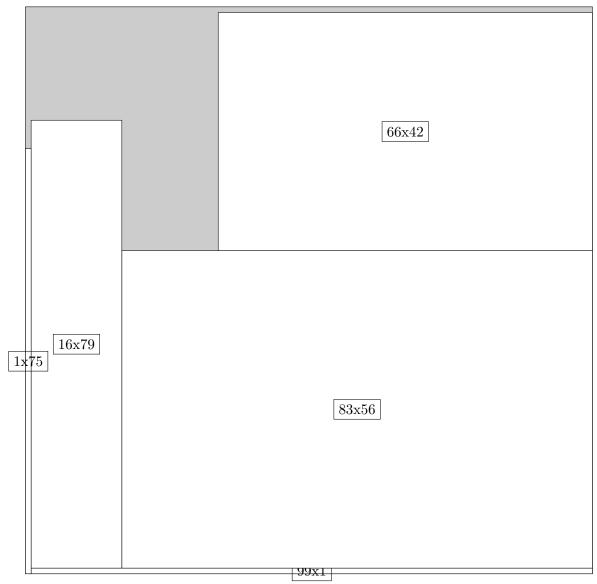
$$\begin{array}{l} w = \!95 \;,\; h = \!83 \;,\; x = \!5 \;,\; y = \!0 \;,\; v = \!7885 \\ w = \!83 \;,\; h = \!15 \;,\; x = \!17 \;,\; y = \!83 \;,\; v = \!1245 \\ w = \!33 \;,\; h = \!2 \;,\; x = \!67 \;,\; y = \!98 \;,\; v = \!66 \\ w = \!5 \;,\; h = \!96 \;,\; x = \!0 \;,\; y = \!0 \;,\; v = \!480 \end{array}$$



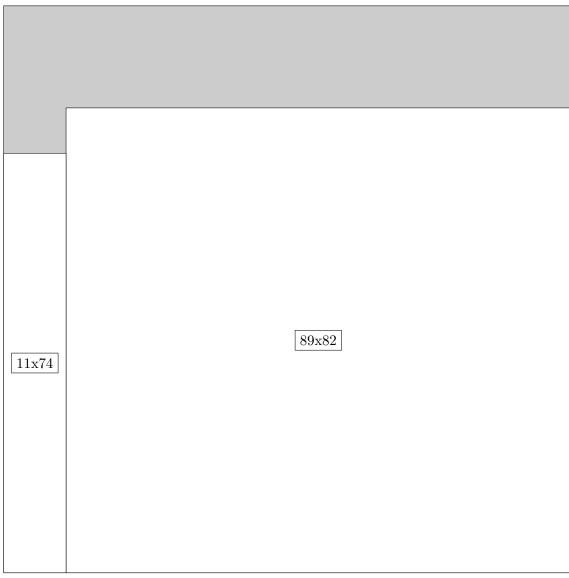
 $\begin{array}{l} w = \! 52 \ , \ h = \! 97 \ , \ x = \! 48 \ , \ y = \! 0 \ , \ v = \! 5044 \\ w = \! 15 \ , \ h = \! 81 \ , \ x = \! 33 \ , \ y = \! 0 \ , \ v = \! 1215 \\ w = \! 33 \ , \ h = \! 69 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2277 \end{array}$ 



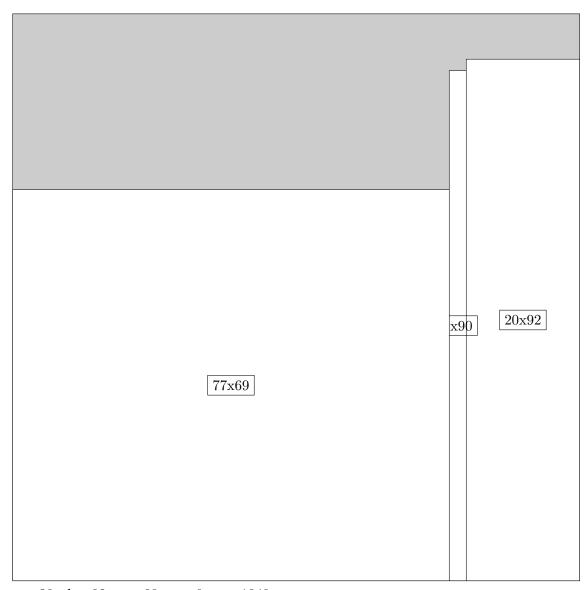
$$\begin{array}{l} w = \! 84 \; , \; h = \! 63 \; , \; x = \! 16 \; , \; y = \! 0 \; , \; v = \! 5292 \\ w = \! 78 \; , \; h = \! 31 \; , \; x = \! 22 \; , \; y = \! 63 \; , \; v = \! 2418 \\ w = \! 16 \; , \; h = \! 78 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 1248 \end{array}$$



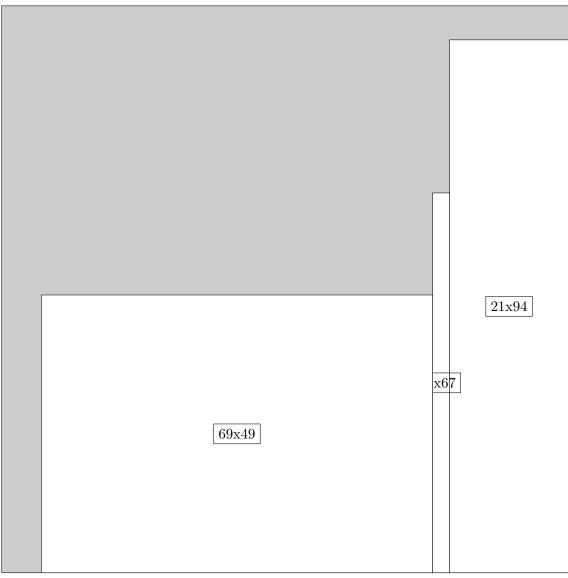
$$\begin{array}{l} w = 99 \ , \ h = 1 \ , \ x = 1 \ , \ y = 0 \ , \ v = 99 \\ w = 83 \ , \ h = 56 \ , \ x = 17 \ , \ y = 1 \ , \ v = 4648 \\ w = 66 \ , \ h = 42 \ , \ x = 34 \ , \ y = 57 \ , \ v = 2772 \\ w = 16 \ , \ h = 79 \ , \ x = 1 \ , \ y = 1 \ , \ v = 1264 \\ w = 1 \ , \ h = 75 \ , \ x = 0 \ , \ y = 0 \ , \ v = 75 \end{array}$$



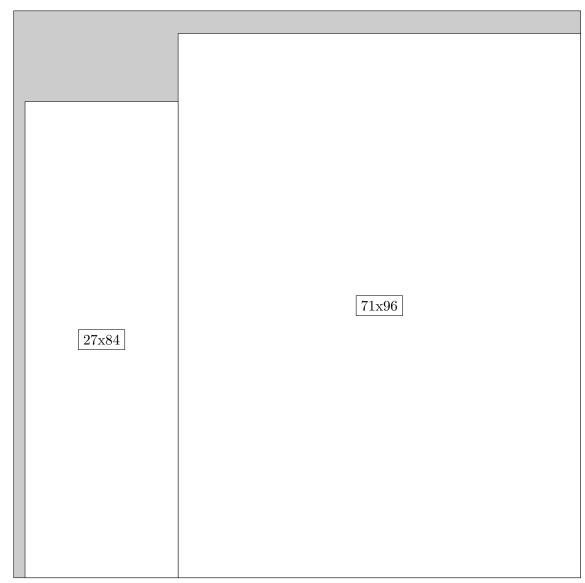
$$\begin{array}{l} w = \! 89 \ , \ h = \! 82 \ , \ x = \! 11 \ , \ y = \! 0 \ , \ v = \! 7298 \\ w = \! 11 \ , \ h = \! 74 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 814 \end{array}$$



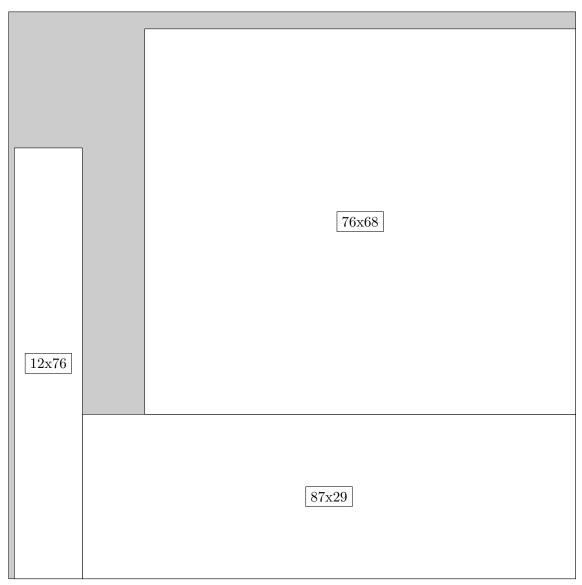
 $\begin{array}{l} w = 20 \ , \ h = 92 \ , \ x = 80 \ , \ y = 0 \ , \ v = 1840 \\ w = 3 \ , \ h = 90 \ , \ x = 77 \ , \ y = 0 \ , \ v = 270 \\ w = 77 \ , \ h = 69 \ , \ x = 0 \ , \ y = 0 \ , \ v = 5313 \end{array}$ 



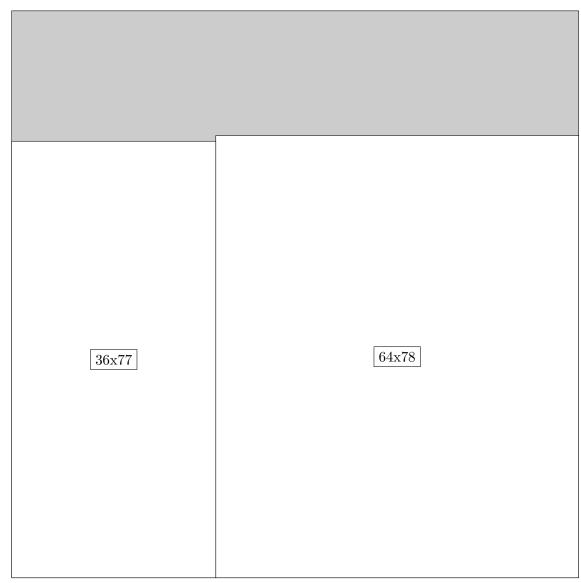
 $\begin{array}{l} w = & 21 \ , \ h = & 94 \ , \ x = & 79 \ , \ y = & 0 \ , \ v = & 1974 \\ w = & 3 \ , \ h = & 67 \ , \ x = & 76 \ , \ y = & 0 \ , \ v = & 201 \\ w = & 69 \ , \ h = & 49 \ , \ x = & 7 \ , \ y = & 0 \ , \ v = & 3381 \end{array}$ 



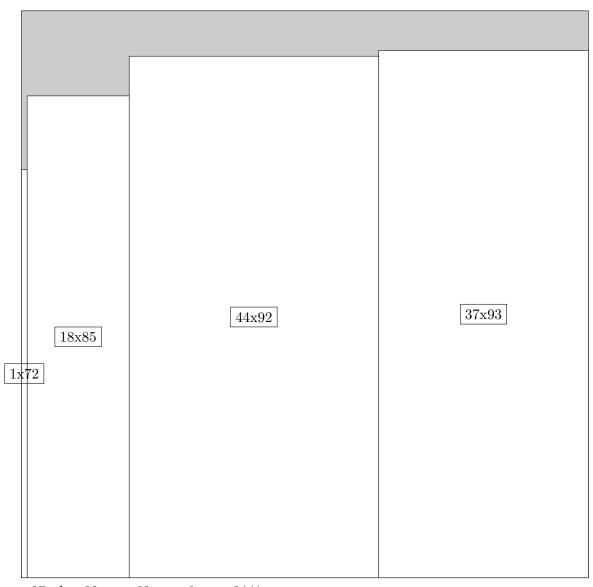
$$\begin{array}{l} w = \! 71 \ , \ h = \! 96 \ , \ x = \! 29 \ , \ y = \! 0 \ , \ v = \! 6816 \\ w = \! 27 \ , \ h = \! 84 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 2268 \end{array}$$



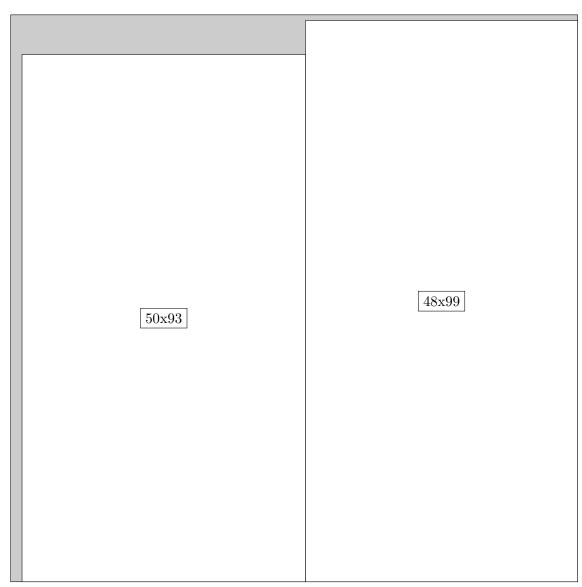
$$\begin{array}{l} w = \! 87 \; , \; h = \! 29 \; , \; x = \! 13 \; , \; y = \! 0 \; , \; v = \! 2523 \\ w = \! 76 \; , \; h = \! 68 \; , \; x = \! 24 \; , \; y = \! 29 \; , \; v = \! 5168 \\ w = \! 12 \; , \; h = \! 76 \; , \; x = \! 1 \; , \; y = \! 0 \; , \; v = \! 912 \end{array}$$



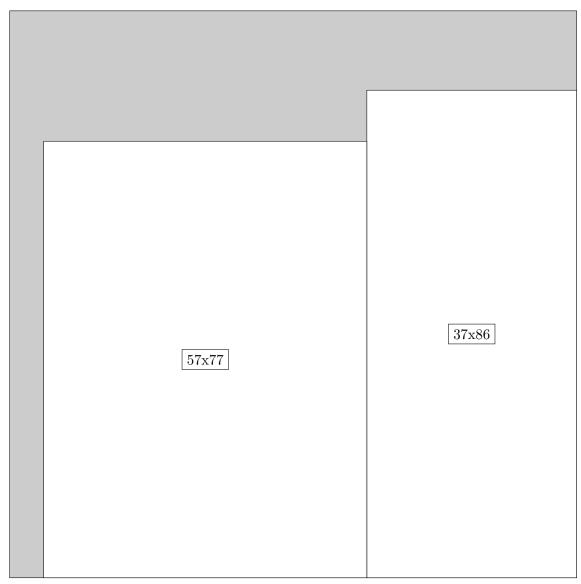
$$\begin{array}{l} w = \!64 \ , \ h = \!78 \ , \ x = \!36 \ , \ y = \!0 \ , \ v = \!4992 \\ w = \!36 \ , \ h = \!77 \ , \ x = \!0 \ , \ y = \!0 \ , \ v = \!2772 \end{array}$$



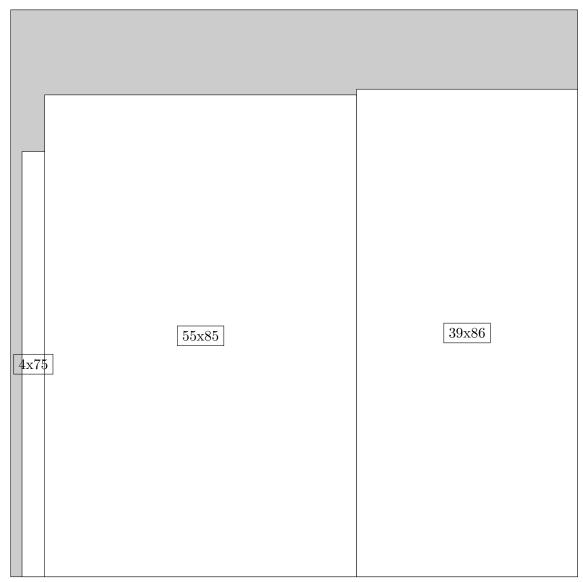
w =37, h =93, x =63, y =0, v =3441 w =44, h =92, x =19, y =0, v =4048 w =18, h =85, x =1, y =0, v =1530 w =1, h =72, x =0, y =0, v =72



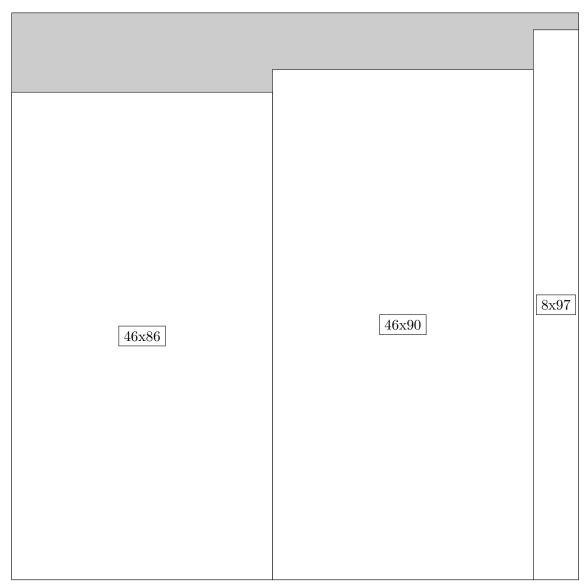
$$\begin{array}{l} w = \!\! 48 \ , \ h = \!\! 99 \ , \ x = \!\! 52 \ , \ y = \!\! 0 \ , \ v = \!\! 4752 \\ w = \!\! 50 \ , \ h = \!\! 93 \ , \ x = \!\! 2 \ , \ y = \!\! 0 \ , \ v = \!\! 4650 \end{array}$$



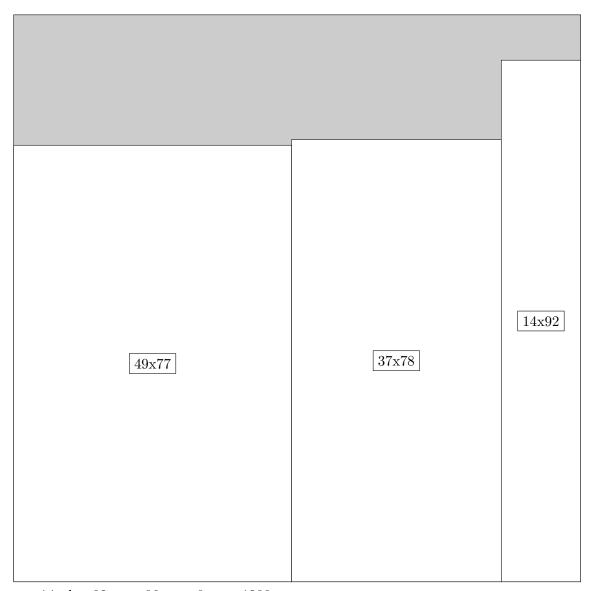
$$\begin{array}{l} w = \!\! 37 \ , \ h = \!\! 86 \ , \ x = \!\! 63 \ , \ y = \!\! 0 \ , \ v = \!\! 3182 \\ w = \!\! 57 \ , \ h = \!\! 77 \ , \ x = \!\! 6 \ , \ y = \!\! 0 \ , \ v = \!\! 4389 \end{array}$$



 $\begin{array}{l} w = \! 39 \ , \ h = \! 86 \ , \ x = \! 61 \ , \ y = \! 0 \ , \ v = \! 3354 \\ w = \! 55 \ , \ h = \! 85 \ , \ x = \! 6 \ , \ y = \! 0 \ , \ v = \! 4675 \\ w = \! 4 \ , \ h = \! 75 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 300 \end{array}$ 

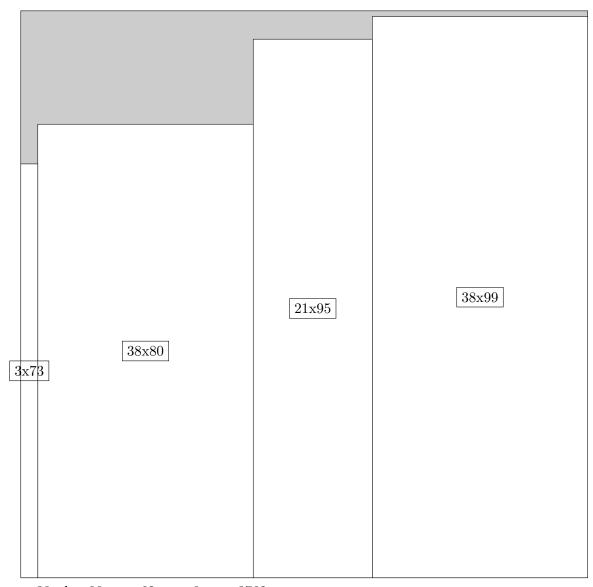


$$\begin{array}{l} w=8 \ , \ h=97 \ , \ x=92 \ , \ y=0 \ , \ v=776 \\ w=46 \ , \ h=90 \ , \ x=46 \ , \ y=0 \ , \ v=4140 \\ w=46 \ , \ h=86 \ , \ x=0 \ , \ y=0 \ , \ v=3956 \end{array}$$

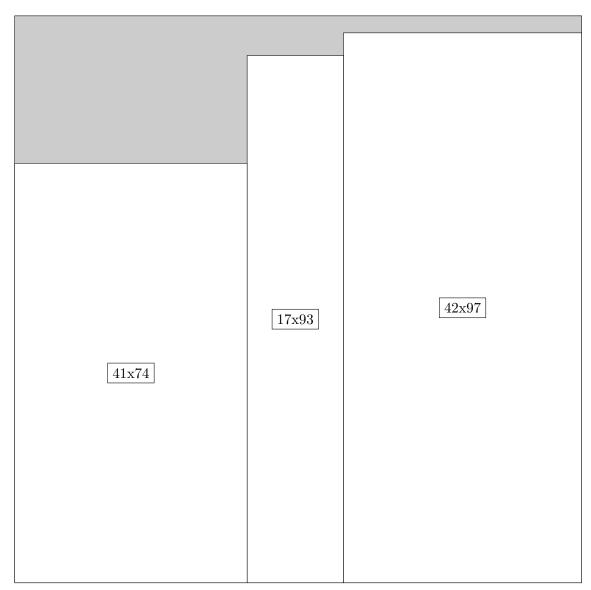


$$\begin{array}{l} w = \! 14 \ , \ h = \! 92 \ , \ x = \! 86 \ , \ y = \! 0 \ , \ v = \! 1288 \\ w = \! 37 \ , \ h = \! 78 \ , \ x = \! 49 \ , \ y = \! 0 \ , \ v = \! 2886 \end{array}$$

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



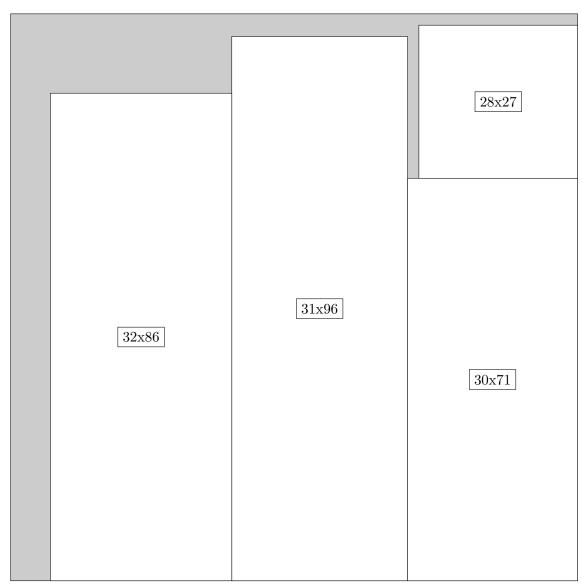
 $\begin{array}{l} w = & 38 \ , \ h = & 99 \ , \ x = & 62 \ , \ y = & 0 \ , \ v = & 3762 \\ w = & 21 \ , \ h = & 95 \ , \ x = & 41 \ , \ y = & 0 \ , \ v = & 1995 \\ w = & 38 \ , \ h = & 80 \ , \ x = & 3 \ , \ y = & 0 \ , \ v = & 3040 \\ w = & 3 \ , \ h = & 73 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 219 \end{array}$ 



w = 42, h = 97, x = 58, y = 0, v = 4074

w = 17, h = 93, x = 41, y = 0, v = 1581

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

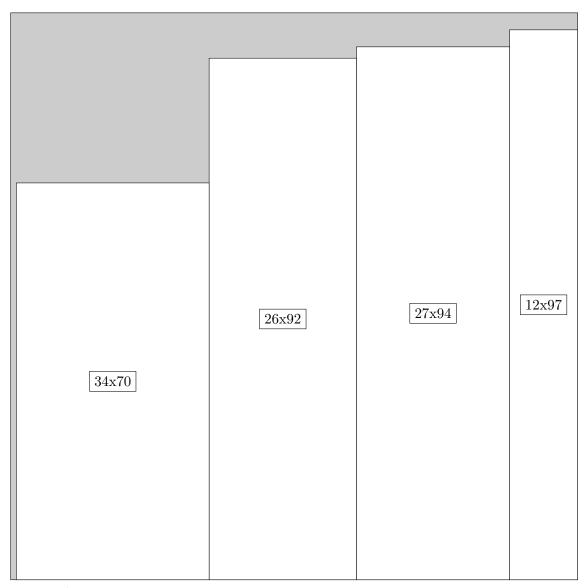


$$\le =30$$
 , h =71 , x =70 , y =0 , v =2130

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

$$\le =31$$
 , h =96 , x =39 , y =0 , v =2976

$$\le 32$$
 , h =  
86 , x =  
7 , y =  
0 , v =  
2752

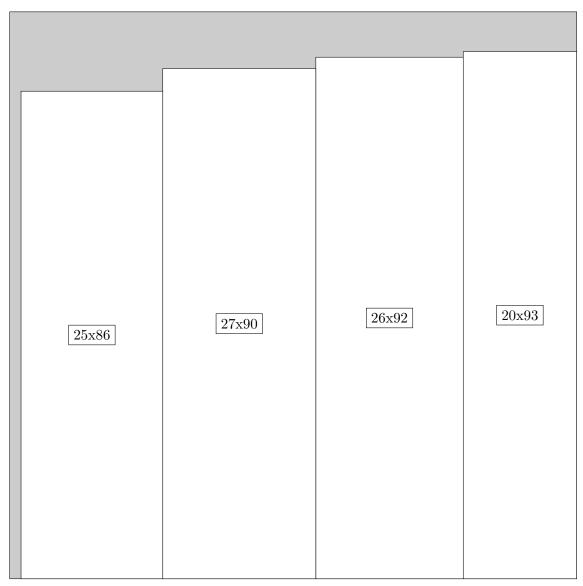


$$\le =12$$
 ,  $h$  =97 ,  $x$  =88 ,  $y$  =0 ,  $v$  =1164

$$\le =27$$
 , h =94 , x =61 , y =0 , v =2538

$$\le =26$$
 , h =92 , x =35 , y =0 , v =2392

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

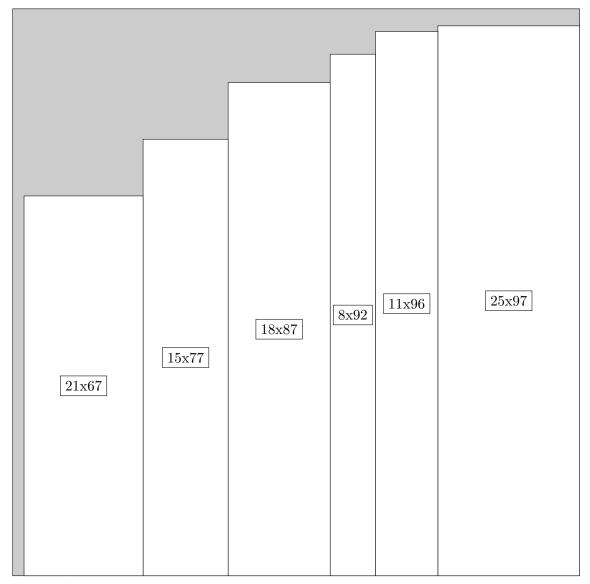


$$w = 20$$
,  $h = 93$ ,  $x = 80$ ,  $y = 0$ ,  $v = 1860$ 

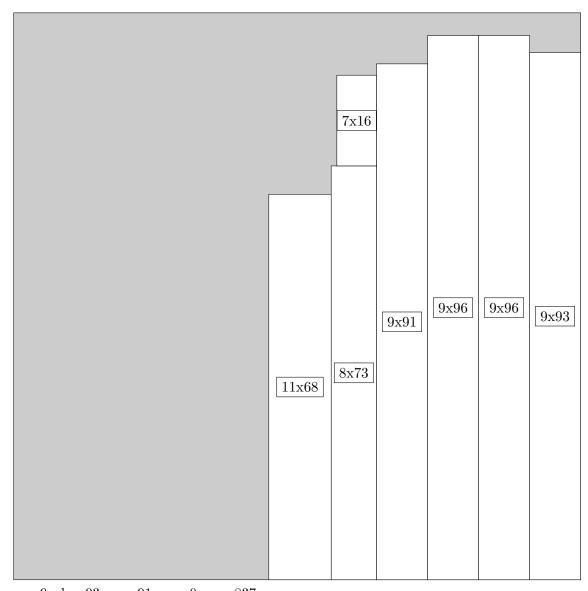
$$w$$
 =26 ,  $h$  =92 ,  $x$  =54 ,  $y$  =0 ,  $v$  =2392

$$\le =27$$
 , h =90 , x =27 , y =0 , v =2430

$$\le =25$$
 , h =86 , x =2 , y =0 , v =  
2150



$$\begin{array}{l} w=25 \ , \ h=97 \ , \ x=75 \ , \ y=0 \ , \ v=2425 \\ w=11 \ , \ h=96 \ , \ x=64 \ , \ y=0 \ , \ v=1056 \\ w=8 \ , \ h=92 \ , \ x=56 \ , \ y=0 \ , \ v=736 \\ w=18 \ , \ h=87 \ , \ x=38 \ , \ y=0 \ , \ v=1566 \\ w=15 \ , \ h=77 \ , \ x=23 \ , \ y=0 \ , \ v=1155 \\ w=21 \ , \ h=67 \ , \ x=2 \ , \ y=0 \ , \ v=1407 \end{array}$$



```
w =9, h =93, x =91, y =0, v =837
w =9, h =96, x =82, y =0, v =864
```

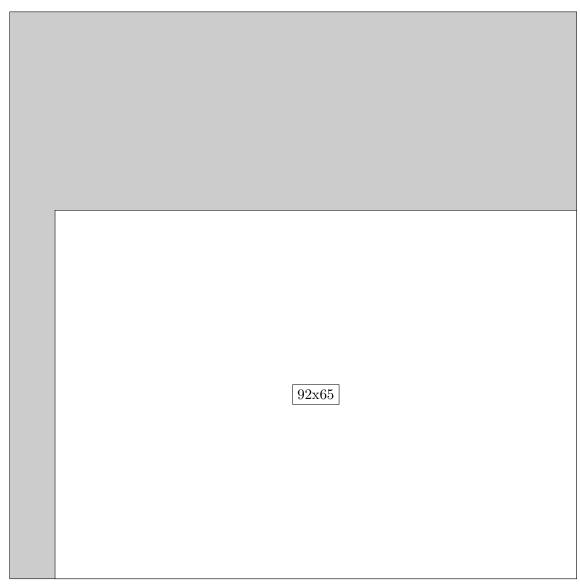
$$w$$
 =9 ,  $h$  =91 ,  $x$  =64 ,  $y$  =0 ,  $v$  =819

$$w$$
 =8 , h =73 , x =  
56 , y =0 , v =  
584

$$\le =7$$
 ,  $h$  =16 ,  $x$  =57 ,  $y$  =73 ,  $v$  =112

$$w = 11$$
,  $h = 68$ ,  $x = 45$ ,  $y = 0$ ,  $v = 748$ 

 $<sup>\</sup>le =9$  , h = 96 , x = 73 , y = 0 , v = 864



 $\le =92$  , h =65 , x =8 , y =0 , v =5980