$ClassName: \ Class\_07.2bp-47$ 

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

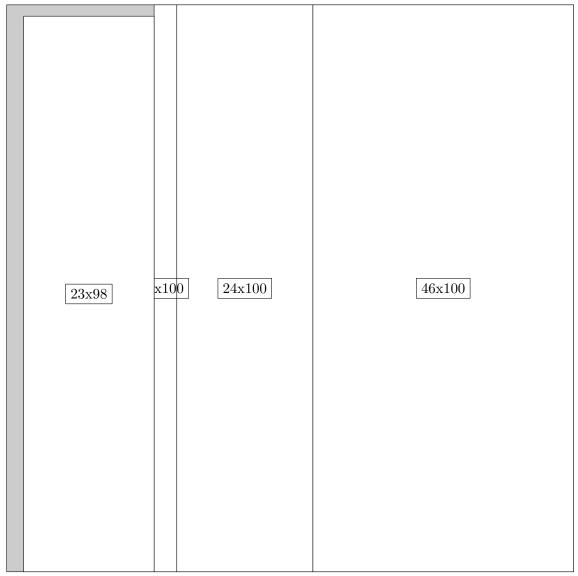
TypeNum: <u>99</u> Num: <u>100</u> OutS: <u>290000</u> InS: <u>243635</u> Rate: <u>0.840</u> UB: <u>29</u>

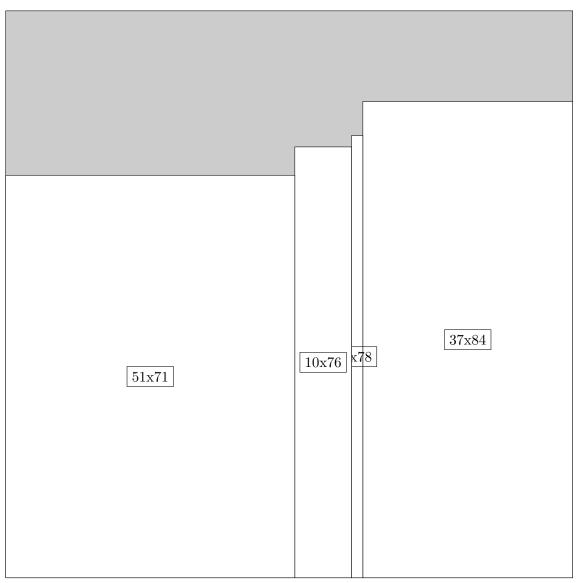
LB:  $\underline{29}$ LBWithCut:  $\underline{29}$ NodeCount:  $\underline{0}$ PrimalNode:  $\underline{0}$ ColumnCount:  $\underline{29}$ TotalCutCount:  $\underline{0}$ RootCutCount:  $\underline{0}$ LPSolverCnt:  $\underline{1}$ PricingSolverCnt:  $\underline{0}$ 

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

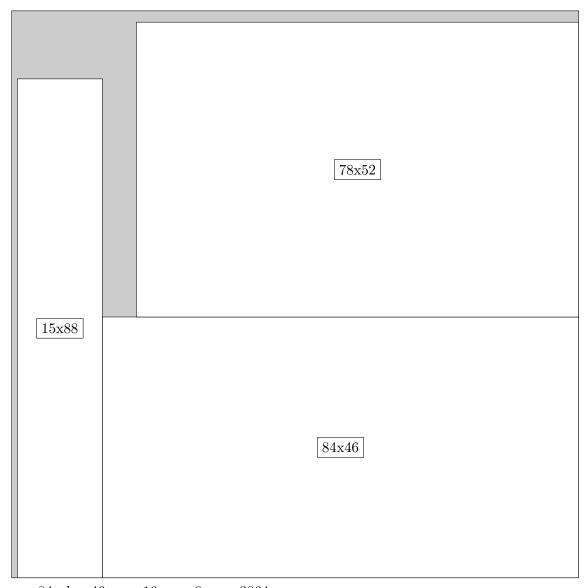
isOpt: **true** 

TimeOnPrimal:  $\underline{0.000 \text{ s}}$ TimeOnPricing:  $\underline{0.000 \text{ s}}$ TimeOnRmp:  $\underline{0.047 \text{ s}}$ TotalTime:  $\underline{0.203 \text{ s}}$ 

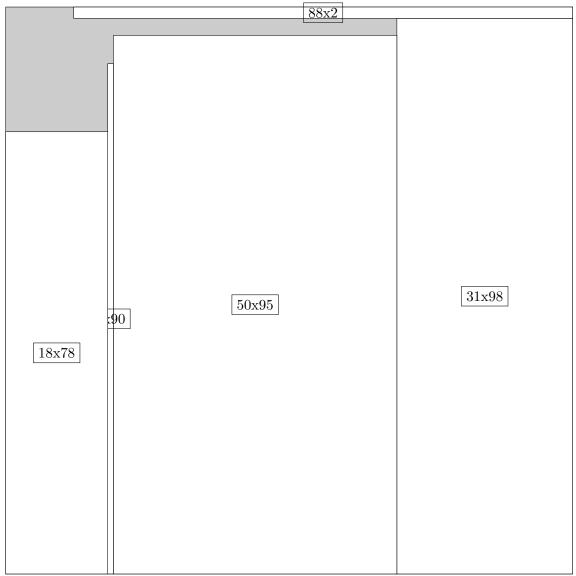




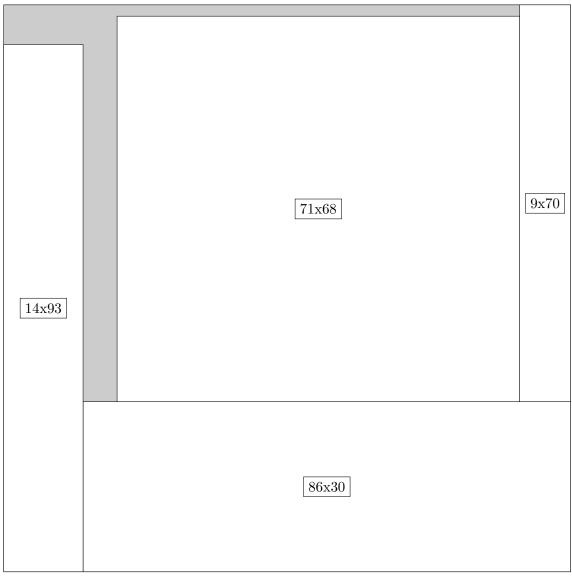
 $\begin{array}{l} w = \!\! 37 \;,\; h = \!\! 84 \;,\; x = \!\! 63 \;,\; y = \!\! 0 \;,\; v = \!\! 3108 \\ w = \!\! 2 \;,\; h = \!\! 78 \;,\; x = \!\! 61 \;,\; y = \!\! 0 \;,\; v = \!\! 156 \\ w = \!\! 10 \;,\; h = \!\! 76 \;,\; x = \!\! 51 \;,\; y = \!\! 0 \;,\; v = \!\! 760 \\ w = \!\! 51 \;,\; h = \!\! 71 \;,\; x = \!\! 0 \;,\; y = \!\! 0 \;,\; v = \!\! 3621 \end{array}$ 



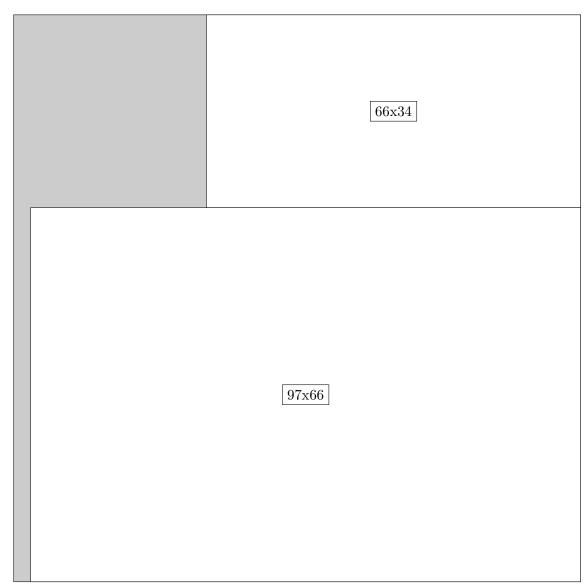
$$\begin{array}{l} w = \! 84 \ , \ h = \! 46 \ , \ x = \! 16 \ , \ y = \! 0 \ , \ v = \! 3864 \\ w = \! 78 \ , \ h = \! 52 \ , \ x = \! 22 \ , \ y = \! 46 \ , \ v = \! 4056 \\ w = \! 15 \ , \ h = \! 88 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 1320 \end{array}$$



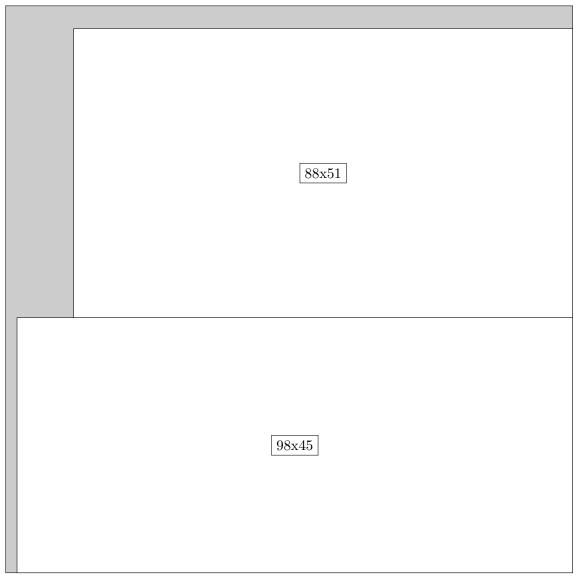
 $\begin{array}{l} w = & 31 \ , \ h = & 98 \ , \ x = & 69 \ , \ y = & 0 \ , \ v = & 3038 \\ w = & 50 \ , \ h = & 95 \ , \ x = & 19 \ , \ y = & 0 \ , \ v = & 4750 \\ w = & 1 \ , \ h = & 90 \ , \ x = & 18 \ , \ y = & 0 \ , \ v = & 90 \\ w = & 18 \ , \ h = & 78 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 1404 \\ w = & 88 \ , \ h = & 2 \ , \ x = & 12 \ , \ y = & 98 \ , \ v = & 176 \end{array}$ 

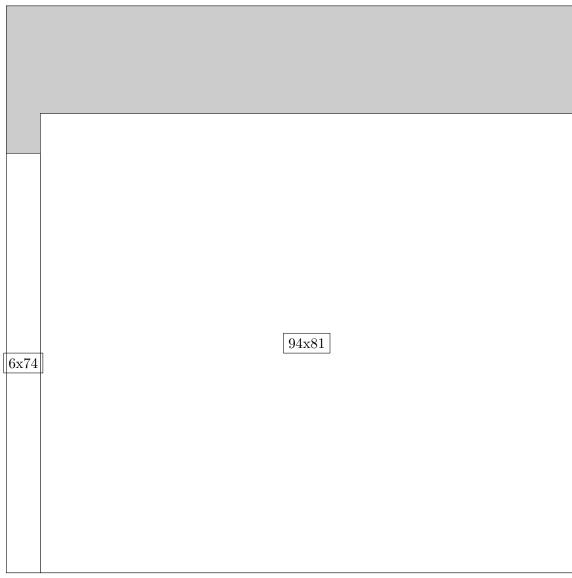


 $\begin{array}{l} w = \! 86 \ , \, h = \! 30 \ , \, x = \! 14 \ , \, y = \! 0 \ , \, v = \! 2580 \\ w = \! 9 \ , \, h = \! 70 \ , \, x = \! 91 \ , \, y = \! 30 \ , \, v = \! 630 \\ w = \! 71 \ , \, h = \! 68 \ , \, x = \! 20 \ , \, y = \! 30 \ , \, v = \! 4828 \\ w = \! 14 \ , \, h = \! 93 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 1302 \end{array}$ 

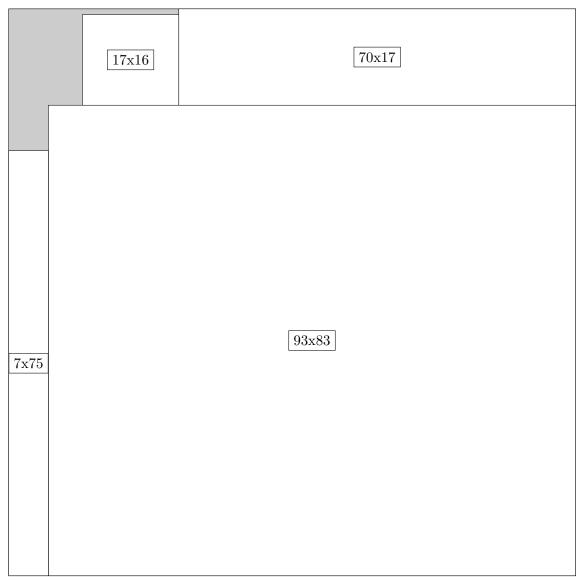


$$\begin{array}{l} w = \! 97 \; , \; h = \! 66 \; , \; x = \! 3 \; , \; y = \! 0 \; , \; v = \! 6402 \\ w = \! 66 \; , \; h = \! 34 \; , \; x = \! 34 \; , \; y = \! 66 \; , \; v = \! 2244 \end{array}$$

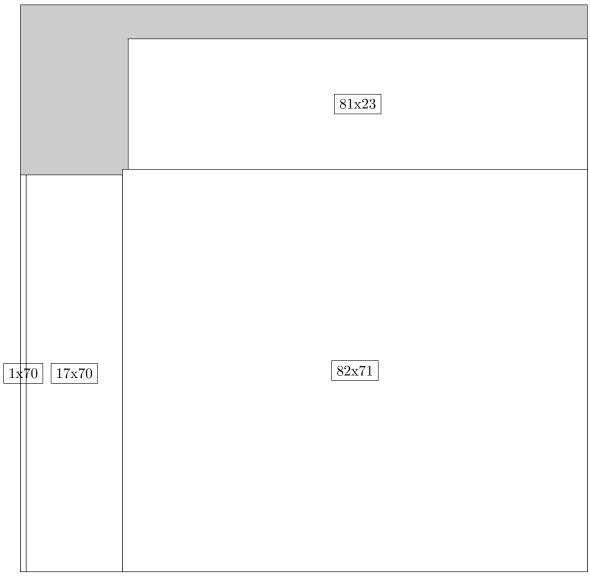




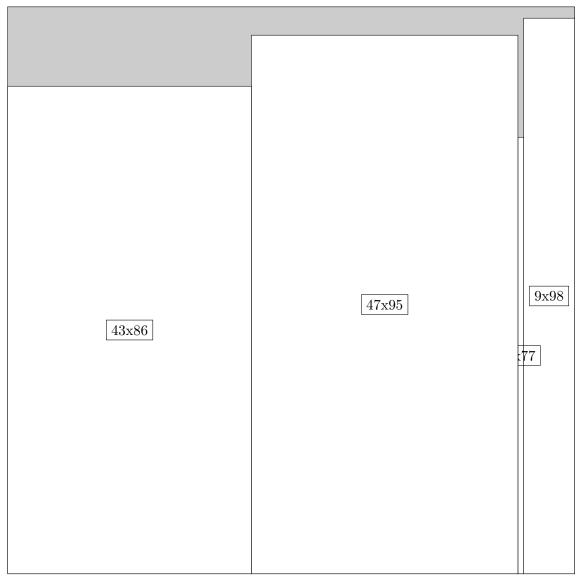
 $\begin{array}{l} w = \! 94 \ , \ h = \! 81 \ , \ x = \! 6 \ , \ y = \! 0 \ , \ v = \! 7614 \\ w = \! 6 \ , \ h = \! 74 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 444 \end{array}$ 



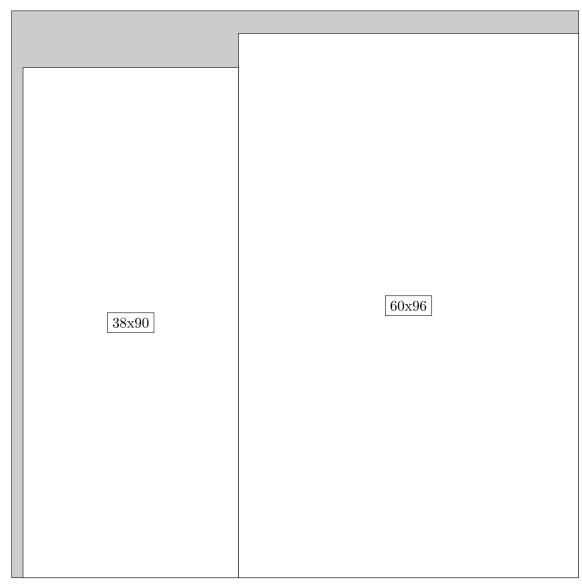
$$\begin{array}{l} w = \! 93 \ , \ h = \! 83 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 7719 \\ w = \! 70 \ , \ h = \! 17 \ , \ x = \! 30 \ , \ y = \! 83 \ , \ v = \! 1190 \\ w = \! 17 \ , \ h = \! 16 \ , \ x = \! 13 \ , \ y = \! 83 \ , \ v = \! 272 \\ w = \! 7 \ , \ h = \! 75 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 525 \end{array}$$

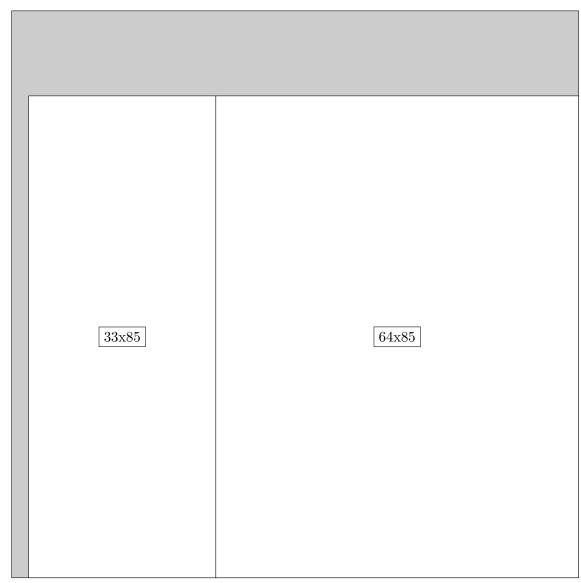


$$\begin{array}{l} w = \! 82 \; , \; h = \! 71 \; , \; x = \! 18 \; , \; y = \! 0 \; , \; v = \! 5822 \\ w = \! 17 \; , \; h = \! 70 \; , \; x = \! 1 \; , \; y = \! 0 \; , \; v = \! 1190 \\ w = \! 1 \; , \; h = \! 70 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 70 \\ w = \! 81 \; , \; h = \! 23 \; , \; x = \! 19 \; , \; y = \! 71 \; , \; v = \! 1863 \end{array}$$

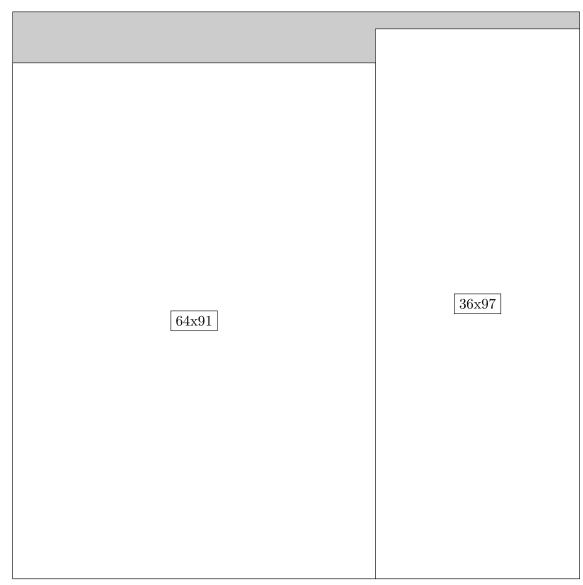


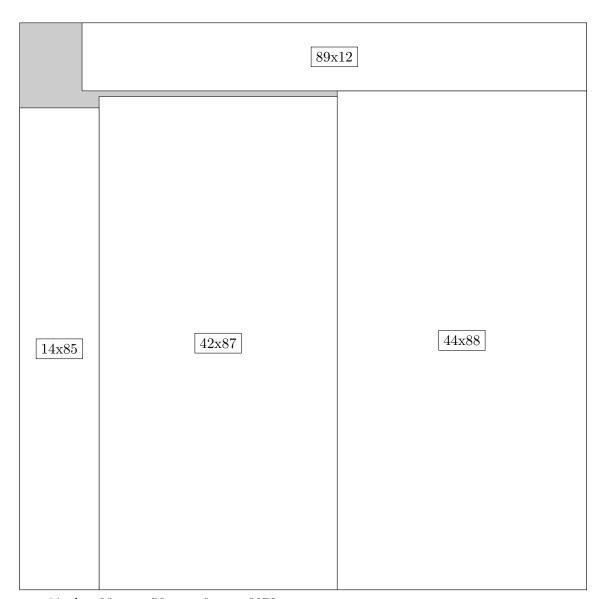
 $\begin{array}{l} w=9\ ,\ h=98\ ,\ x=91\ ,\ y=0\ ,\ v=882\\ w=1\ ,\ h=77\ ,\ x=90\ ,\ y=0\ ,\ v=77\\ w=47\ ,\ h=95\ ,\ x=43\ ,\ y=0\ ,\ v=4465\\ w=43\ ,\ h=86\ ,\ x=0\ ,\ y=0\ ,\ v=3698 \end{array}$ 





$$\begin{array}{l} w = \!64 \ , \ h = \!85 \ , \ x = \!36 \ , \ y = \!0 \ , \ v = \!5440 \\ w = \!33 \ , \ h = \!85 \ , \ x = \!3 \ , \ y = \!0 \ , \ v = \!2805 \end{array}$$



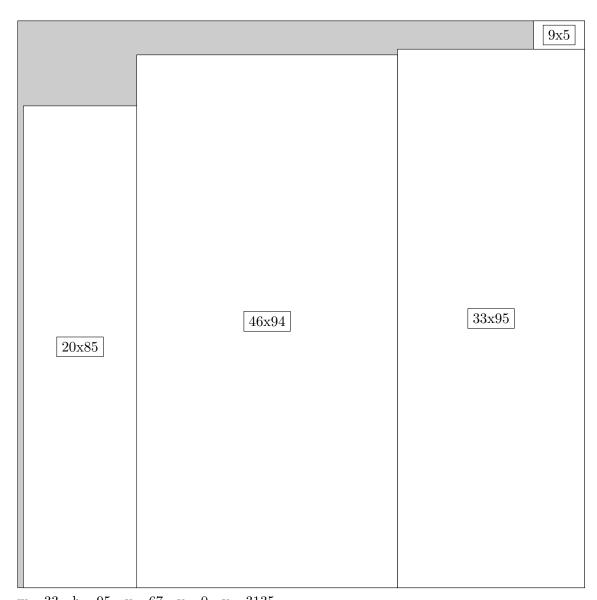


$$\le =44$$
 ,  $h=88$  ,  $x=\!56$  ,  $y=\!0$  ,  $v=\!3872$ 

$$\le =42$$
 , h =87 , x =14 , y =0 , v =3654

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

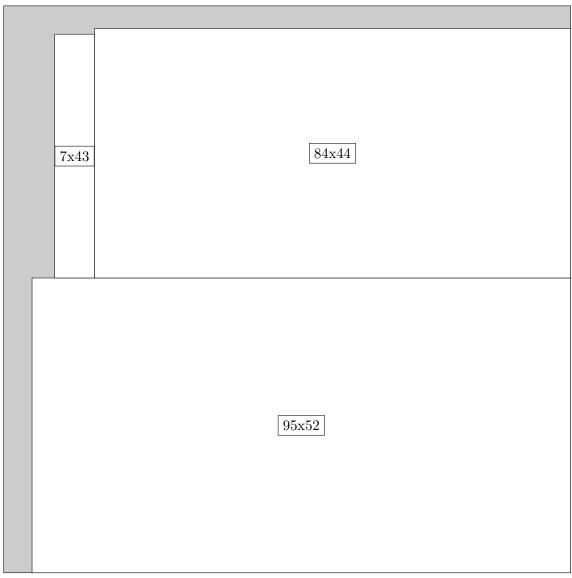
$$\le =89$$
 ,  $h$  =12 ,  $x$  =11 ,  $y$  =88 ,  $v$  =1068



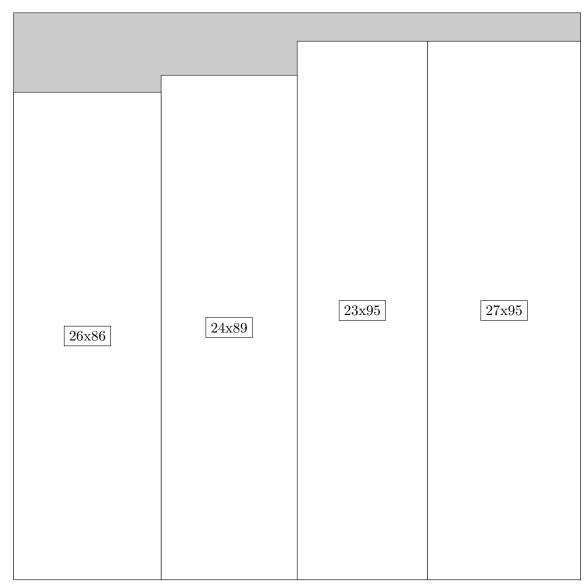
 $\begin{array}{c} w = \!\! 33 \; , \; h = \!\! 95 \; , \; x = \!\! 67 \; , \; y = \!\! 0 \; , \; v = \!\! 3135 \\ w = \!\! 9 \; , \; h = \!\! 5 \; , \; x = \!\! 91 \; , \; y = \!\! 95 \; , \; v = \!\! 45 \\ \end{array}$ 

 $\le =46$  , h =94 , x =21 , y =0 , v =4324

 $\le =20$  , h =85 , x =1 , y =0 , v =1700



$$\begin{array}{l} w = \! 95 \ , \ h = \! 52 \ , \ x = \! 5 \ , \ y = \! 0 \ , \ v = \! 4940 \\ w = \! 84 \ , \ h = \! 44 \ , \ x = \! 16 \ , \ y = \! 52 \ , \ v = \! 3696 \\ w = \! 7 \ , \ h = \! 43 \ , \ x = \! 9 \ , \ y = \! 52 \ , \ v = \! 301 \end{array}$$

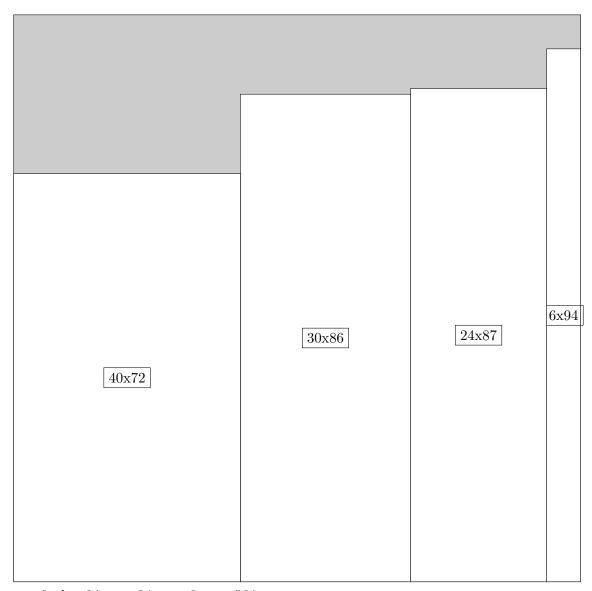


w =27 , h =95 , x =73 , y =0 , v =2565

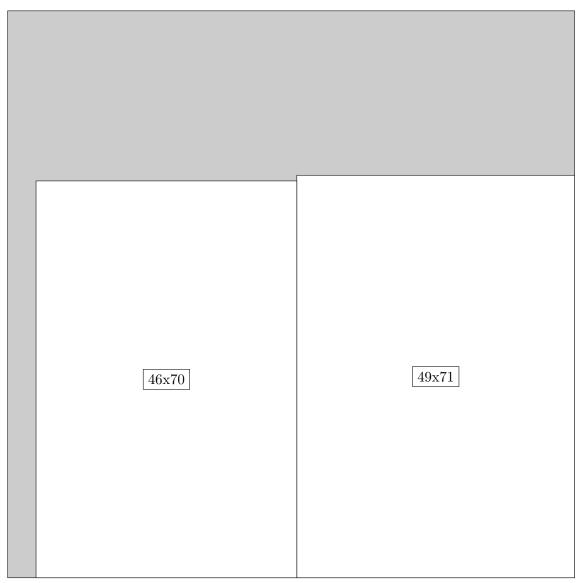
w = 23, h = 95, x = 50, y = 0, v = 2185

 $\le =24$  , h =89 , x =26 , y =0 , v =2136

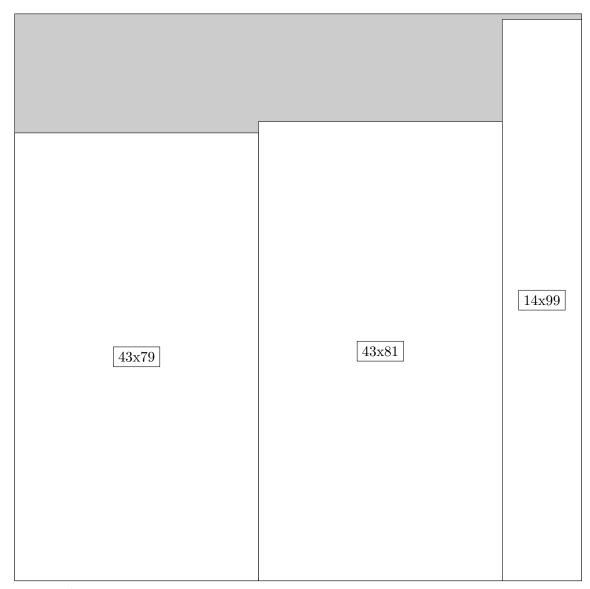
 $\le =26$  , h =86 , x =0 , y =0 , v =2236



$$\begin{array}{l} w=6 \ , \ h=94 \ , \ x=94 \ , \ y=0 \ , \ v=564 \\ w=24 \ , \ h=87 \ , \ x=70 \ , \ y=0 \ , \ v=2088 \\ w=30 \ , \ h=86 \ , \ x=40 \ , \ y=0 \ , \ v=2580 \\ w=40 \ , \ h=72 \ , \ x=0 \ , \ y=0 \ , \ v=2880 \end{array}$$



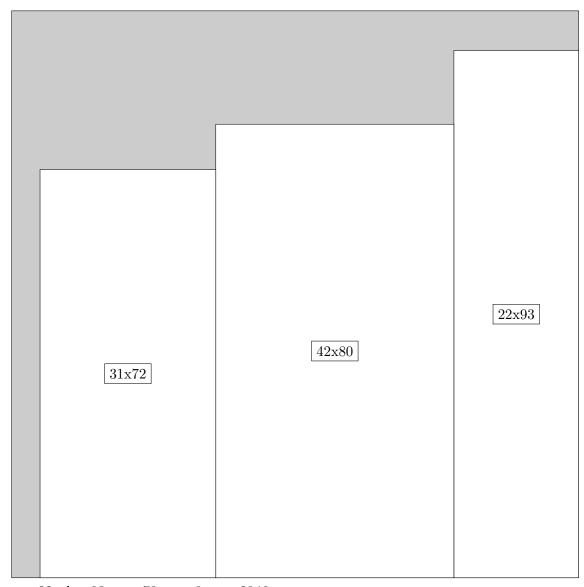
$$\begin{array}{l} w = \! 49 \ , \ h = \! 71 \ , \ x = \! 51 \ , \ y = \! 0 \ , \ v = \! 3479 \\ w = \! 46 \ , \ h = \! 70 \ , \ x = \! 5 \ , \ y = \! 0 \ , \ v = \! 3220 \end{array}$$



$$\le =14$$
 , h =99 , x =86 , y =0 , v =1386

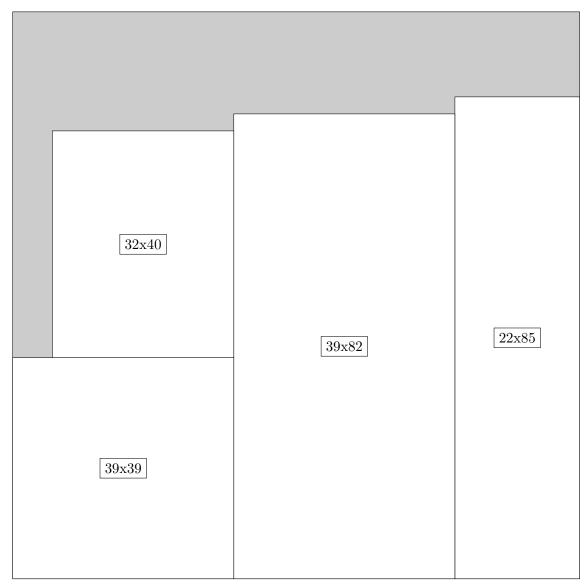
$$\le =43$$
 ,  $h$  =81 ,  $x$  =43 ,  $y$  =0 ,  $v$  =3483

$$\le =43$$
 , h =79 , x =0 , y =0 , v =3397



$$w$$
 =22 , h =93 , x =78 , y =0 , v =2046  $w$  =42 , h =80 , x =36 , y =0 , v =3360

$$w = 31$$
,  $h = 72$ ,  $x = 5$ ,  $y = 0$ ,  $v = 2232$ 

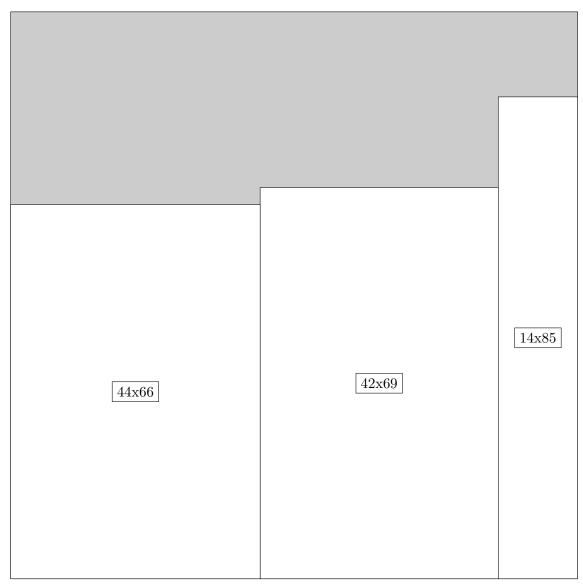


$$\le =22$$
 , h =85 , x =78 , y =0 , v =1870

$$\le =39$$
 , h =82 , x =39 , y =0 , v =3198

$$\le =39$$
 , h =39 , x =0 , y =0 , v =1521

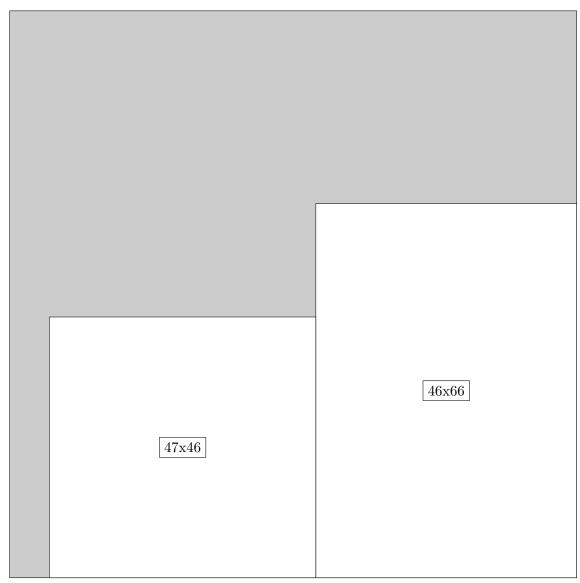
$$\le =32$$
 , h =40 , x =7 , y =39 , v =1280

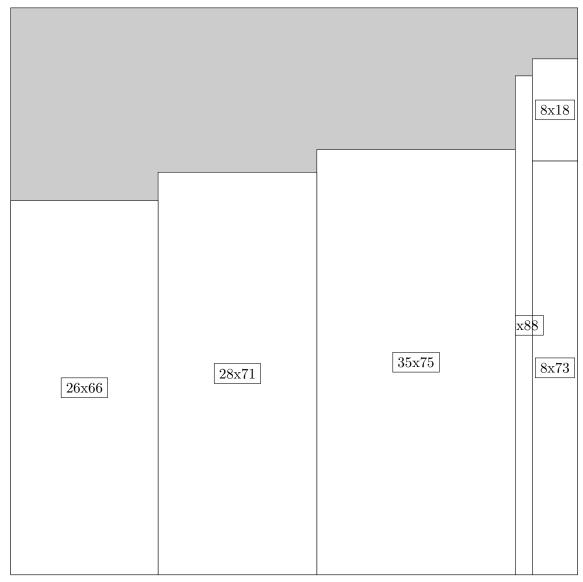


$$w = 14$$
 ,  $h = 85$  ,  $x = 86$  ,  $y = 0$  ,  $v = 1190$ 

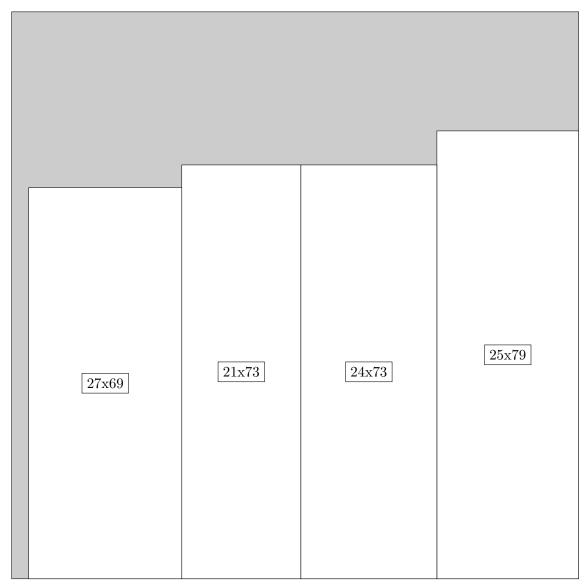
$$\le =42$$
 ,  $h=69$  ,  $x=44$  ,  $y=0$  ,  $v=2898$ 

$$\le =44$$
 , h =66 , x =0 , y =0 , v =2904





$$\begin{array}{l} w=8 \ , \ h=73 \ , \ x=92 \ , \ y=0 \ , \ v=584 \\ w=8 \ , \ h=18 \ , \ x=92 \ , \ y=73 \ , \ v=144 \\ w=3 \ , \ h=88 \ , \ x=89 \ , \ y=0 \ , \ v=264 \\ w=35 \ , \ h=75 \ , \ x=54 \ , \ y=0 \ , \ v=2625 \\ w=28 \ , \ h=71 \ , \ x=26 \ , \ y=0 \ , \ v=1988 \\ w=26 \ , \ h=66 \ , \ x=0 \ , \ y=0 \ , \ v=1716 \end{array}$$

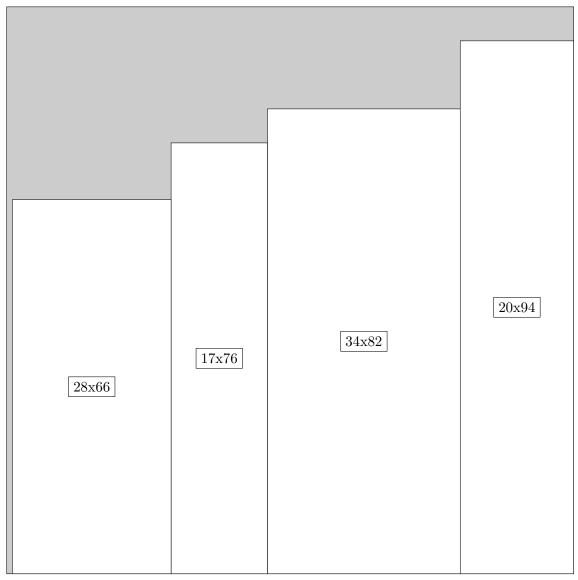


$$\mathbf{w}$$
 =25 , h =79 , x =75 , y =0 , v =1975

$$w = 24$$
,  $h = 73$ ,  $x = 51$ ,  $y = 0$ ,  $v = 1752$ 

$$\le =21$$
 , h =73 , x =30 , y =0 , v =1533

$$\mathbf{w}$$
 =27 , h =69 , x =3 , y =0 , v =1863

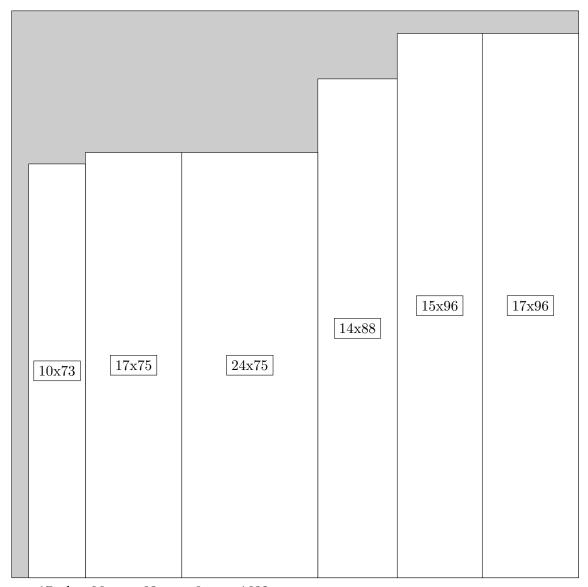


w = 20, h = 94, x = 80, y = 0, v = 1880

 $\le =34$  , h =82 , x =46 , y =0 , v =2788

 $\le =17$  , h = 76 , x = 29 , y = 0 , v = 1292

 $\le =28$  , h =66 , x =1 , y =0 , v =1848



$$\begin{array}{l} w = \! 17 \; , \; h = \! 96 \; , \; x = \! 83 \; , \; y = \! 0 \; , \; v = \! 1632 \\ w = \! 15 \; , \; h = \! 96 \; , \; x = \! 68 \; , \; y = \! 0 \; , \; v = \! 1440 \\ w = \! 14 \; , \; h = \! 88 \; , \; x = \! 54 \; , \; y = \! 0 \; , \; v = \! 1232 \\ w = \! 24 \; , \; h = \! 75 \; , \; x = \! 30 \; , \; y = \! 0 \; , \; v = \! 1800 \\ w = \! 17 \; , \; h = \! 75 \; , \; x = \! 13 \; , \; y = \! 0 \; , \; v = \! 1275 \\ w = \! 10 \; , \; h = \! 73 \; , \; x = \! 3 \; , \; y = \! 0 \; , \; v = \! 730 \\ \end{array}$$