$ClassName: \ Class\_07.2bp-39$ 

BinSize:  $100 \times 100$ ReduceSize:  $100 \times 100$ 

TypeNum: 79 Num: **80** OutS: **240000** InS: 203651Rate:  $\underline{0.849}$ UB: **24** 

LB0: **24** LB: **24** 

LBWithCut: **24** NodeCut: 0

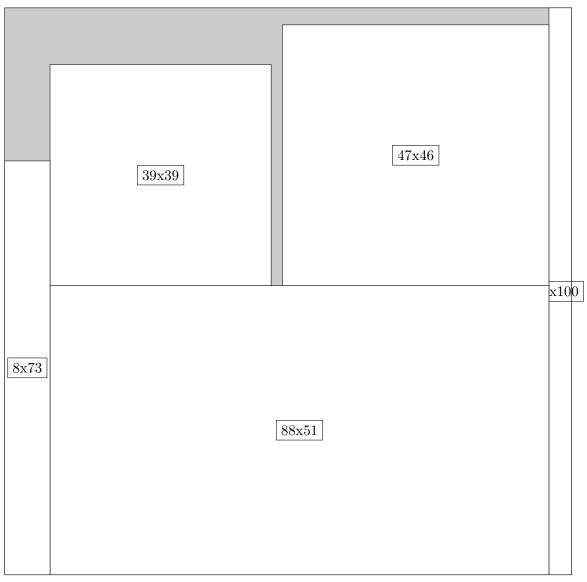
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\mathbf{1}$ PrimalNode:  $\mathbf{0}$ ColumnCount: 24  $TotalCutCount: \ \mathbf{0}$ 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 s TimeOnRmp: 0.078 sTotal Time: 600.344 s



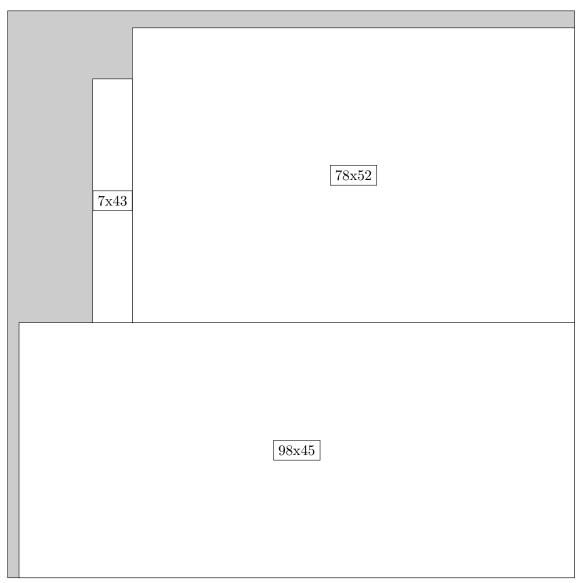
w = 4, h = 100, x = 96, y = 0, v = 400

 $\le =88$  , h =51 , x =8 , y =0 , v =4488

 $\le =47$  , h=46 , x=49 , y=51 , v=2162

 $\le =39$  , h =39 , x =8 , y =51 , v =1521

 $\le =8$  , h =73 , x =0 , y =0 , v =584



$$\begin{array}{l} w = \! 98 \ , \ h = \! 45 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 4410 \\ w = \! 78 \ , \ h = \! 52 \ , \ x = \! 22 \ , \ y = \! 45 \ , \ v = \! 4056 \\ w = \! 7 \ , \ h = \! 43 \ , \ x = \! 15 \ , \ y = \! 45 \ , \ v = \! 301 \end{array}$$

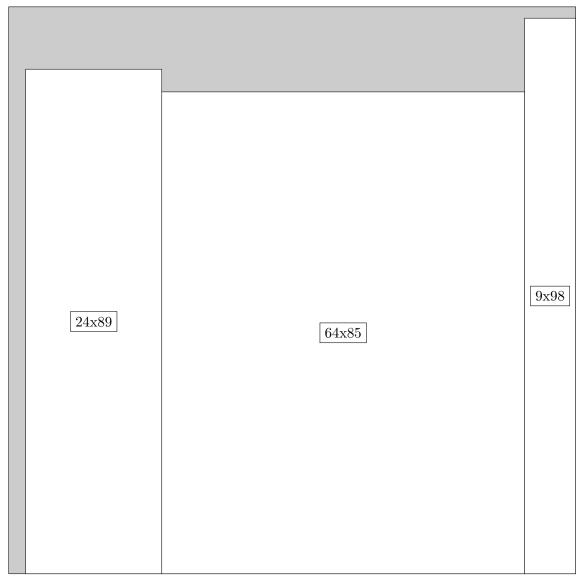
89x12		
43x81	26x86	$30 \mathrm{x} 86$

$$\le =30$$
 , h =  
86 , x =  
70 , y =  
0 , v =  
2580

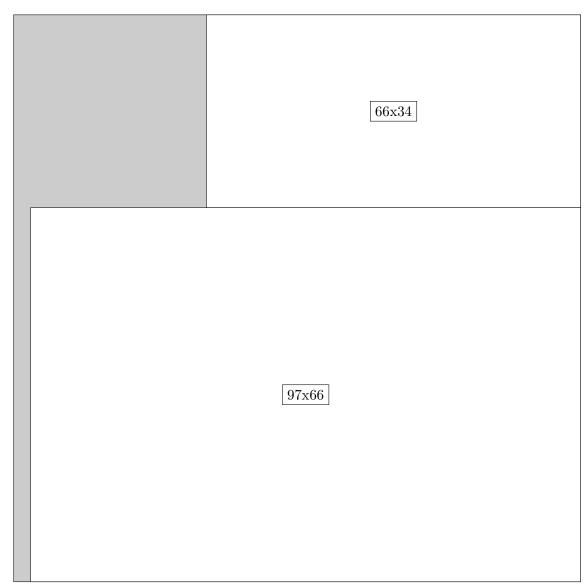
$$\le =26$$
 , h =86 , x =44 , y =0 , v =2236

$$\le =43$$
 , h =81 , x =1 , y =0 , v =3483

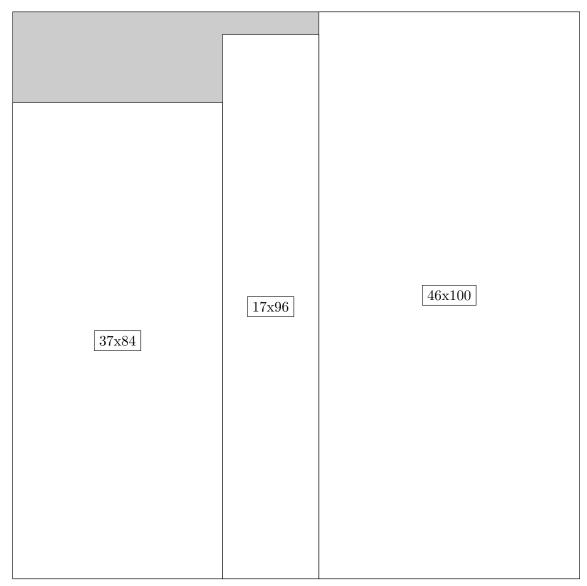
$$\le =89$$
 ,  $h$  =12 ,  $x$  =11 ,  $y$  =86 ,  $v$  =1068



$$\begin{array}{l} w=9\ ,\, h=\!98\ ,\, x=\!91\ ,\, y=\!0\ ,\, v=\!882\\ w=\!64\ ,\, h=\!85\ ,\, x=\!27\ ,\, y=\!0\ ,\, v=\!5440\\ w=\!24\ ,\, h=\!89\ ,\, x=\!3\ ,\, y=\!0\ ,\, v=\!2136 \end{array}$$



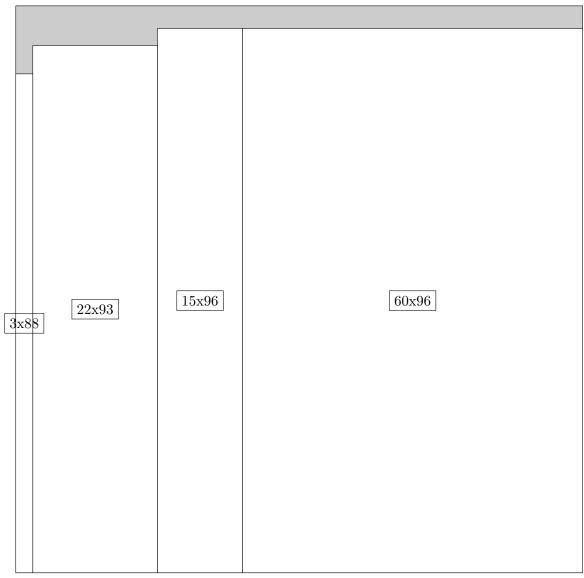
$$\begin{array}{l} w = \! 97 \; , \; h = \! 66 \; , \; x = \! 3 \; , \; y = \! 0 \; , \; v = \! 6402 \\ w = \! 66 \; , \; h = \! 34 \; , \; x = \! 34 \; , \; y = \! 66 \; , \; v = \! 2244 \end{array}$$



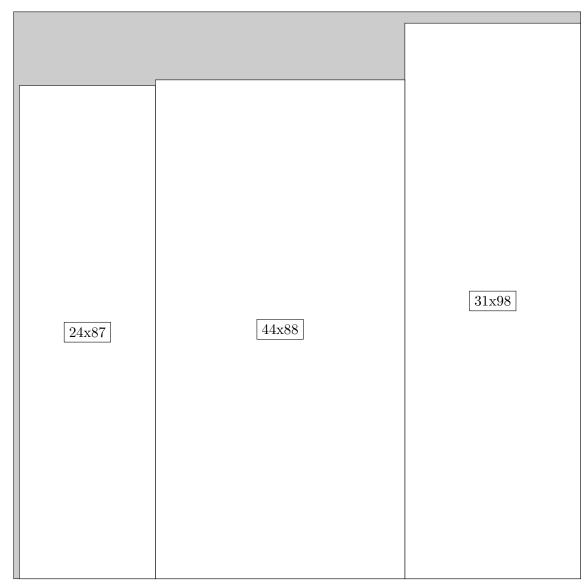
w = 46, h = 100, x = 54, y = 0, v = 4600

 $\le =17$  , h =96 , x =37 , y =0 , v =1632

 $\le =37$  , h =84 , x =0 , y =0 , v =3108



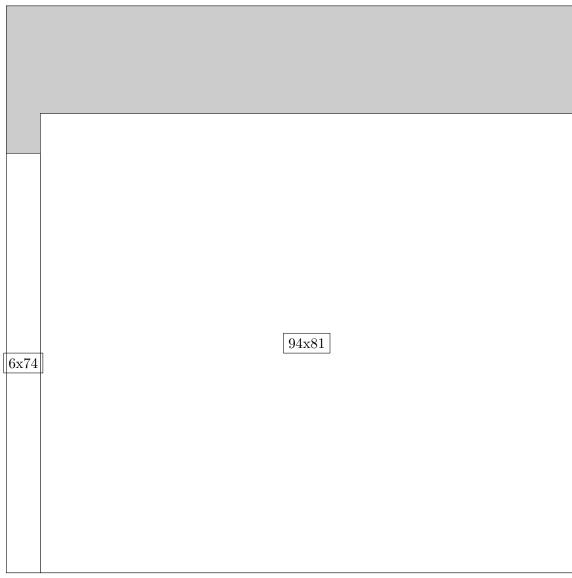
 $\begin{array}{l} w=60 \ , \ h=96 \ , \ x=40 \ , \ y=0 \ , \ v=5760 \\ w=15 \ , \ h=96 \ , \ x=25 \ , \ y=0 \ , \ v=1440 \\ w=22 \ , \ h=93 \ , \ x=3 \ , \ y=0 \ , \ v=2046 \\ w=3 \ , \ h=88 \ , \ x=0 \ , \ y=0 \ , \ v=264 \end{array}$ 



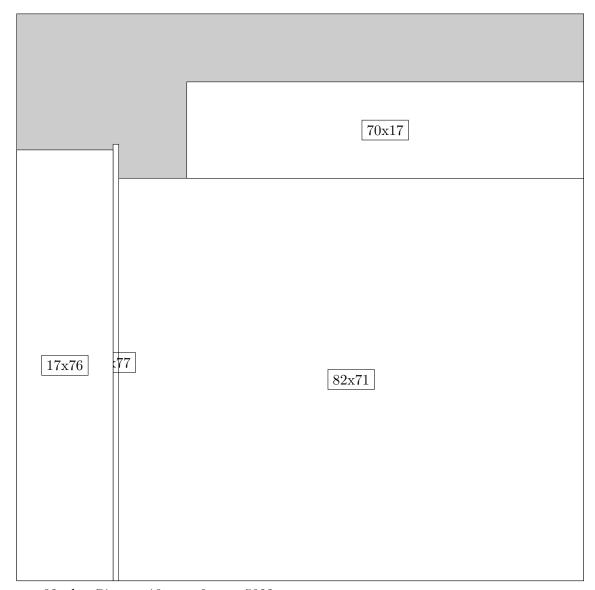
$$w = 31$$
,  $h = 98$ ,  $x = 69$ ,  $y = 0$ ,  $v = 3038$ 

$$w = \! 44 \; , \; h = \! 88 \; , \; x = \! 25 \; , \; y = \! 0 \; , \; v = \! 3872$$

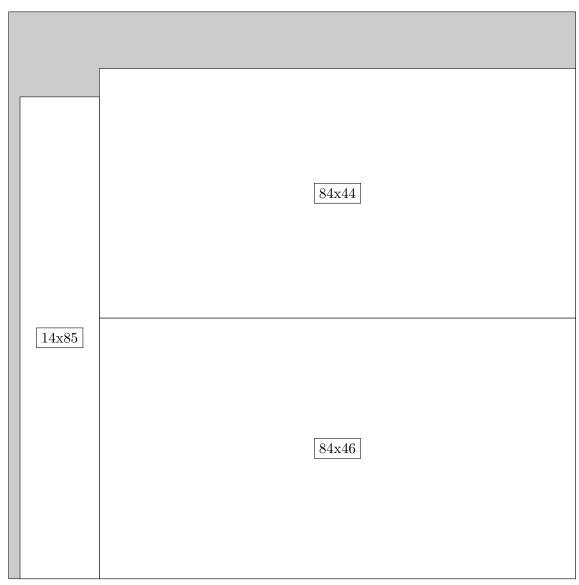
$$\le =24$$
 ,  $h$  =87 ,  $x$  =1 ,  $y$  =0 ,  $v$  =2088



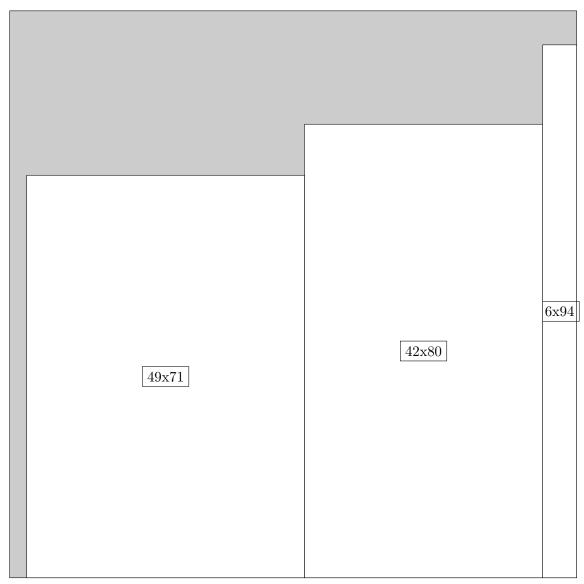
 $\begin{array}{l} w = \! 94 \ , \ h = \! 81 \ , \ x = \! 6 \ , \ y = \! 0 \ , \ v = \! 7614 \\ w = \! 6 \ , \ h = \! 74 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 444 \end{array}$ 



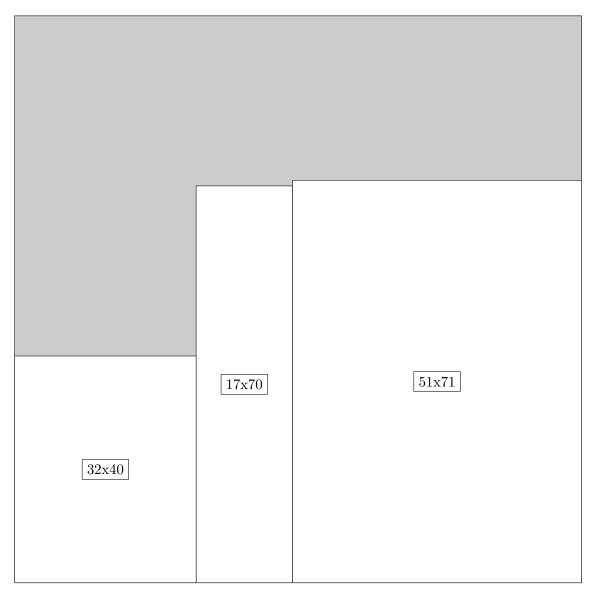
 $\begin{array}{l} w = \! 82 \; , \; h = \! 71 \; , \; x = \! 18 \; , \; y = \! 0 \; , \; v = \! 5822 \\ w = \! 70 \; , \; h = \! 17 \; , \; x = \! 30 \; , \; y = \! 71 \; , \; v = \! 1190 \\ w = \! 1 \; , \; h = \! 77 \; , \; x = \! 17 \; , \; y = \! 0 \; , \; v = \! 77 \\ w = \! 17 \; , \; h = \! 76 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 1292 \end{array}$ 



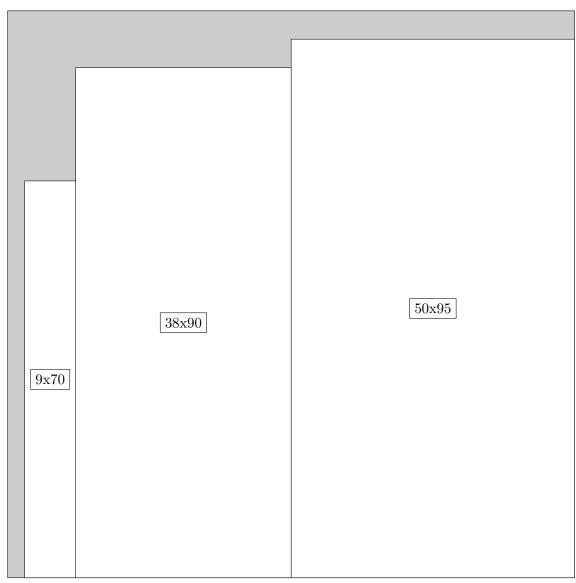
$$\begin{array}{l} w = \! 84 \; , \; h = \! 46 \; , \; x = \! 16 \; , \; y = \! 0 \; , \; v = \! 3864 \\ w = \! 84 \; , \; h = \! 44 \; , \; x = \! 16 \; , \; y = \! 46 \; , \; v = \! 3696 \\ w = \! 14 \; , \; h = \! 85 \; , \; x = \! 2 \; , \; y = \! 0 \; , \; v = \! 1190 \end{array}$$



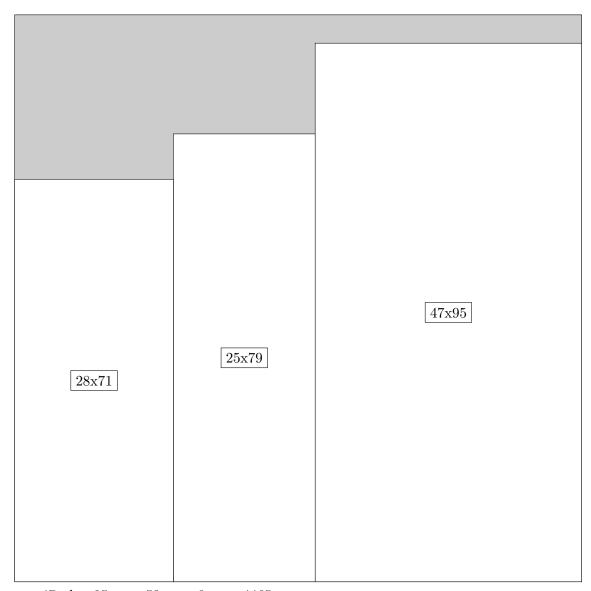
$$\begin{array}{l} w=6 \ , \ h=94 \ , \ x=94 \ , \ y=0 \ , \ v=564 \\ w=42 \ , \ h=80 \ , \ x=52 \ , \ y=0 \ , \ v=3360 \\ w=49 \ , \ h=71 \ , \ x=3 \ , \ y=0 \ , \ v=3479 \end{array}$$



 $\begin{array}{l} w = \! 51 \ , \ h = \! 71 \ , \ x = \! 49 \ , \ y = \! 0 \ , \ v = \! 3621 \\ w = \! 17 \ , \ h = \! 70 \ , \ x = \! 32 \ , \ y = \! 0 \ , \ v = \! 1190 \\ w = \! 32 \ , \ h = \! 40 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1280 \end{array}$ 

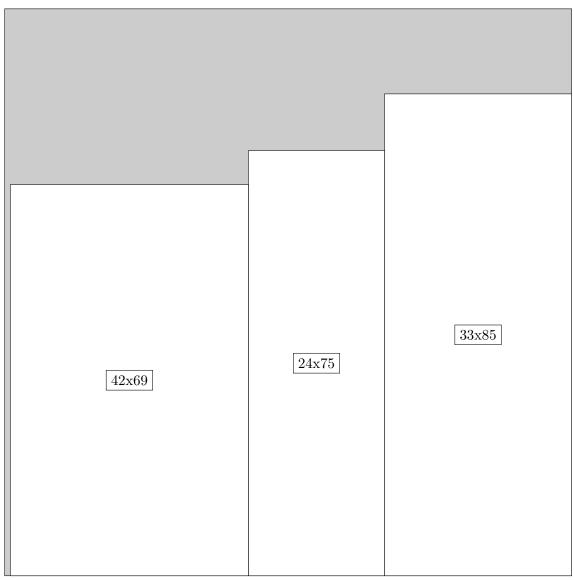


 $\begin{array}{l} w = \! 50 \ , \ h = \! 95 \ , \ x = \! 50 \ , \ y = \! 0 \ , \ v = \! 4750 \\ w = \! 38 \ , \ h = \! 90 \ , \ x = \! 12 \ , \ y = \! 0 \ , \ v = \! 3420 \\ w = \! 9 \ , \ h = \! 70 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 630 \end{array}$ 



$$\begin{array}{l} w = \!\! 47 \ , \ h = \!\! 95 \ , \ x = \!\! 53 \ , \ y = \!\! 0 \ , \ v = \!\! 4465 \\ w = \!\! 25 \ , \ h = \!\! 79 \ , \ x = \!\! 28 \ , \ y = \!\! 0 \ , \ v = \!\! 1975 \end{array}$$

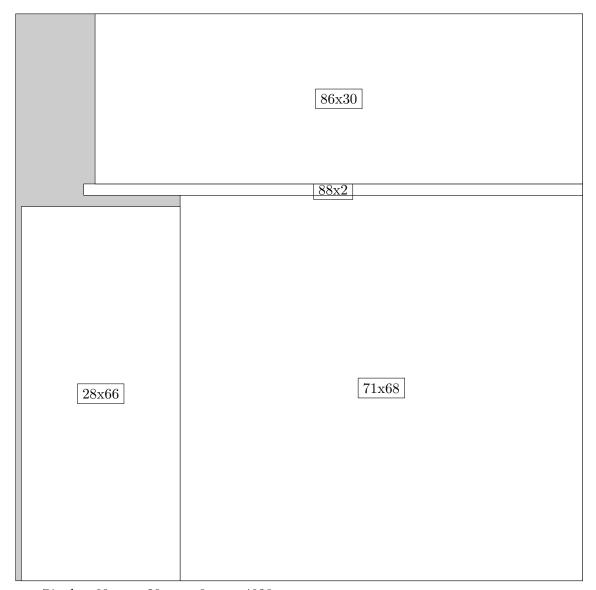
$$w = 28 \ , \ h = 71 \ , \ x = 0 \ , \ y = 0 \ , \ v = 1988$$



$$\le =33$$
 , h =  
85 , x =  
67 , y =  
0 , v =  
2805

$$\le =24$$
 , h =75 , x =43 , y =0 , v =1800

$$\le =42$$
 , h =69 , x =1 , y =0 , v =2898

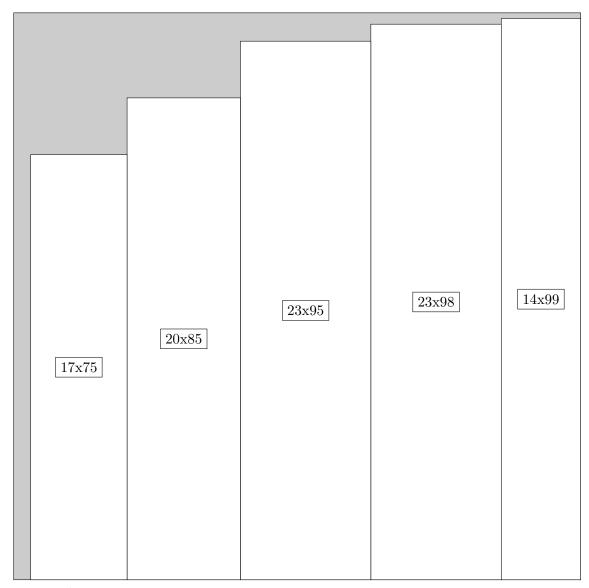


$$\le =71$$
 , h =68 , x =29 , y =0 , v =4828

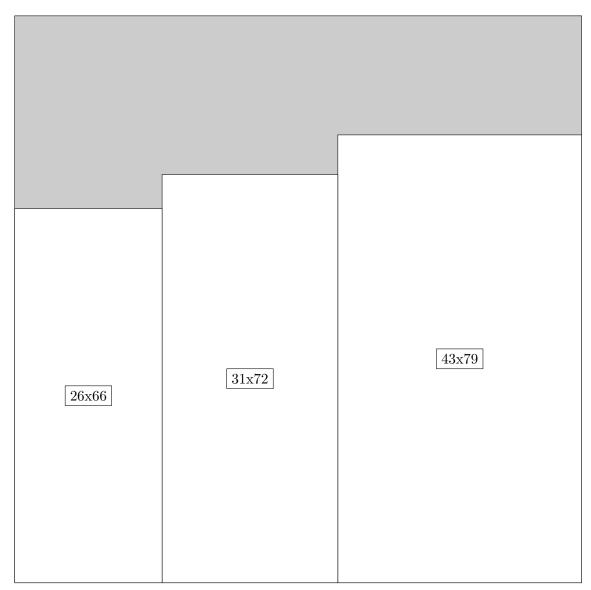
$$\le =28$$
 , h =66 , x =1 , y =0 , v =1848

$$\le =88$$
 , h =2 , x =12 , y =68 , v =176

$$\le =86$$
 , h =30 , x =14 , y =70 , v =2580



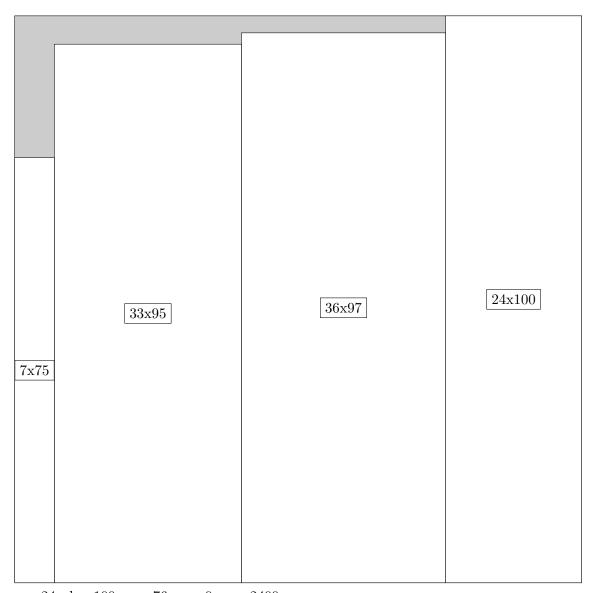
 $\begin{array}{l} w = \! 14 \; , \; h = \! 99 \; , \; x = \! 86 \; , \; y = \! 0 \; , \; v = \! 1386 \\ w = \! 23 \; , \; h = \! 98 \; , \; x = \! 63 \; , \; y = \! 0 \; , \; v = \! 2254 \\ w = \! 23 \; , \; h = \! 95 \; , \; x = \! 40 \; , \; y = \! 0 \; , \; v = \! 2185 \\ w = \! 20 \; , \; h = \! 85 \; , \; x = \! 20 \; , \; y = \! 0 \; , \; v = \! 1700 \\ w = \! 17 \; , \; h = \! 75 \; , \; x = \! 3 \; , \; y = \! 0 \; , \; v = \! 1275 \end{array}$ 



w = 43, h = 79, x = 57, y = 0, v = 3397

 $\le =31$  , h =72 , x =26 , y =0 , v =2232

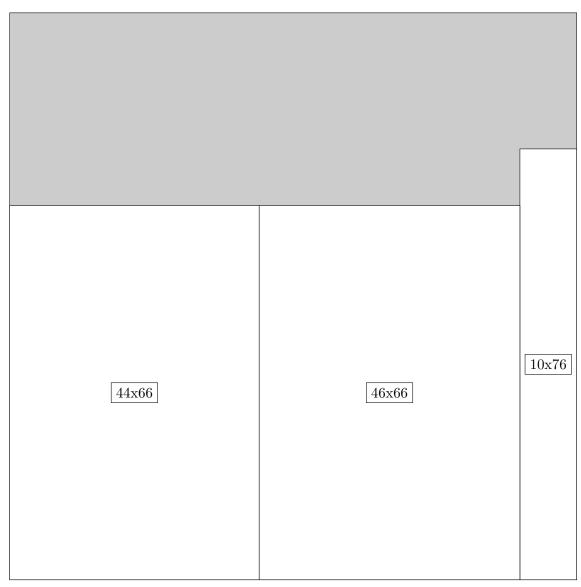
 $\le =26$  , h =66 , x =0 , y =0 , v =1716



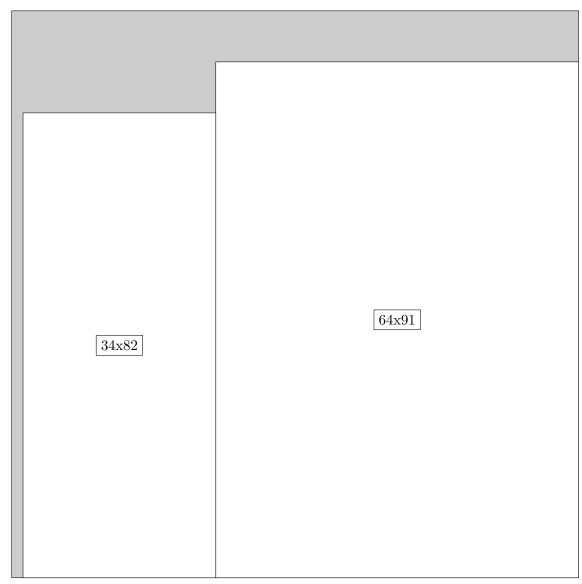
w = 24, h = 100, x = 76, y = 0, v = 2400w = 36, h = 97, x = 40, y = 0, v = 3492

 $\le =33$  , h =95 , x =7 , y =0 , v =3135

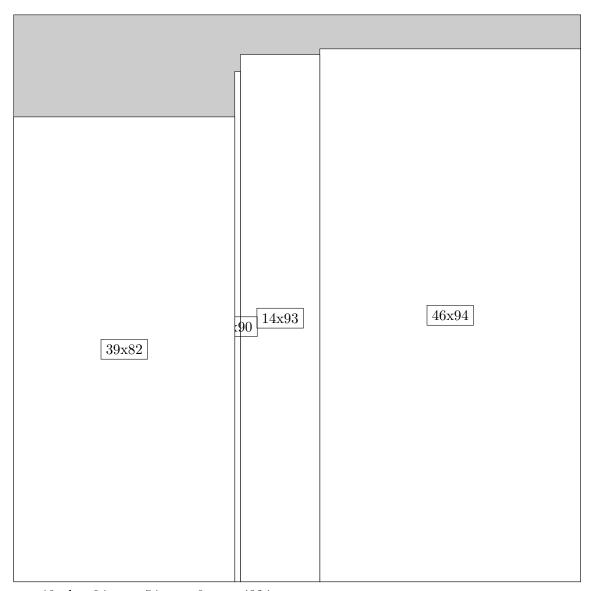
 $\mathbf{w}$  =7 , h =75 , x =0 , y =0 , v =525

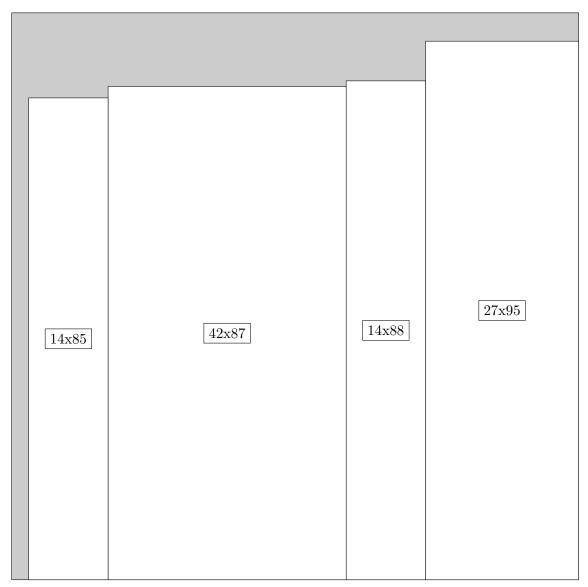


$$\begin{array}{l} w = & 10 \ , \ h = & 76 \ , \ x = & 90 \ , \ y = & 0 \ , \ v = & 760 \\ w = & 46 \ , \ h = & 66 \ , \ x = & 44 \ , \ y = & 0 \ , \ v = & 2904 \end{array}$$
 
$$\begin{array}{l} w = & 44 \ , \ h = & 66 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 2904 \end{array}$$



$$\begin{array}{l} w = \!64 \ , \ h = \!91 \ , \ x = \!36 \ , \ y = \!0 \ , \ v = \!5824 \\ w = \!34 \ , \ h = \!82 \ , \ x = \!2 \ , \ y = \!0 \ , \ v = \!2788 \end{array}$$





$$\begin{array}{l} w = \! 27 \ , \ h = \! 95 \ , \ x = \! 73 \ , \ y = \! 0 \ , \ v = \! 2565 \\ w = \! 14 \ , \ h = \! 88 \ , \ x = \! 59 \ , \ y = \! 0 \ , \ v = \! 1232 \end{array}$$

$$\le =42$$
 , h =87 , x =17 , y =0 , v =3654

$$\mathbf{w}$$
 =14 , h =85 , x =3 , y =0 , v =1190