$ClassName: \ Class\_07.2bp\text{-}35$ 

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

TypeNum: <u>79</u> Num: <u>80</u> OutS: <u>230000</u> InS: <u>191663</u> Rate: <u>0.833</u> UB: <u>23</u> LB0: <u>23</u>

LBWithCut:  $\underline{\mathbf{23}}$  NodeCut:  $\underline{\mathbf{0}}$ 

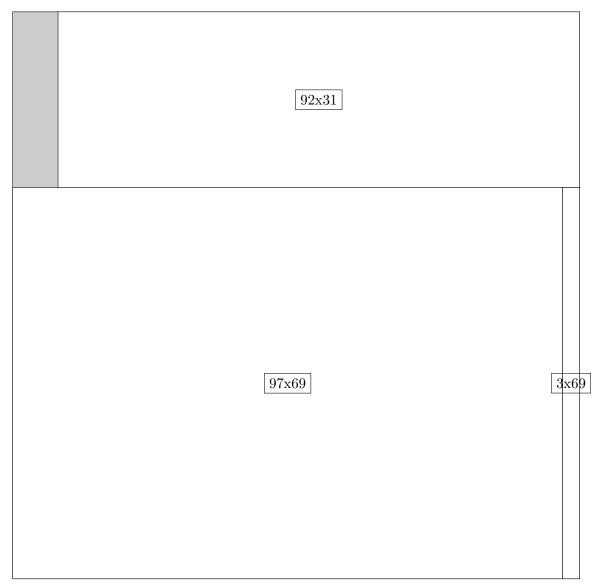
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{23}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

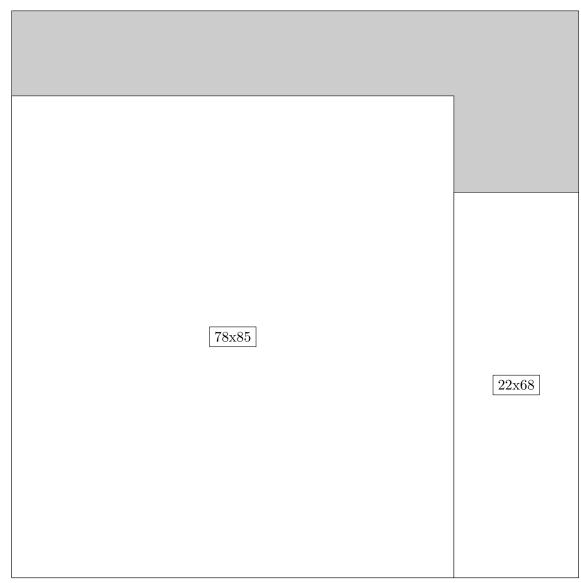
isOpt:  $\underline{\mathbf{true}}$ 

TimeOnInitSolution:  $\underline{120.010 \text{ s}}$ 

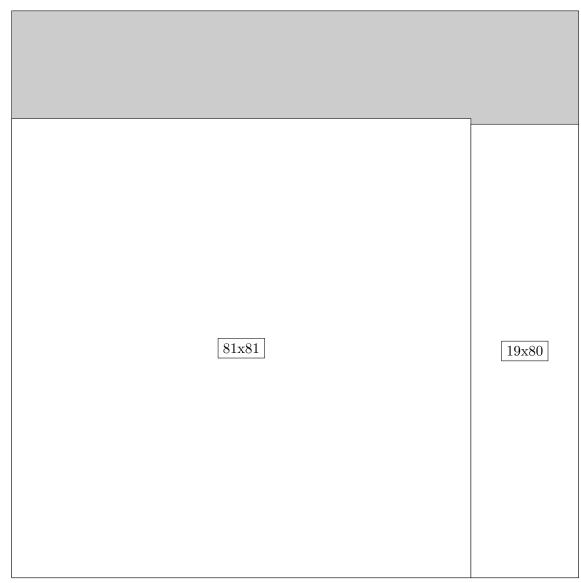
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 120.151 s



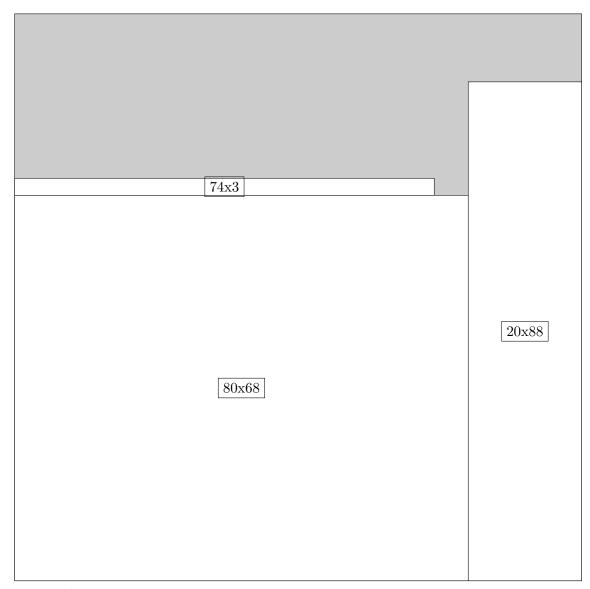
$$\begin{array}{l} w = \! 97 \; , \; h = \! 69 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 6693 \\ w = \! 92 \; , \; h = \! 31 \; , \; x = \! 8 \; , \; y = \! 69 \; , \; v = \! 2852 \\ w = \! 3 \; , \; h = \! 69 \; , \; x = \! 97 \; , \; y = \! 0 \; , \; v = \! 207 \end{array}$$



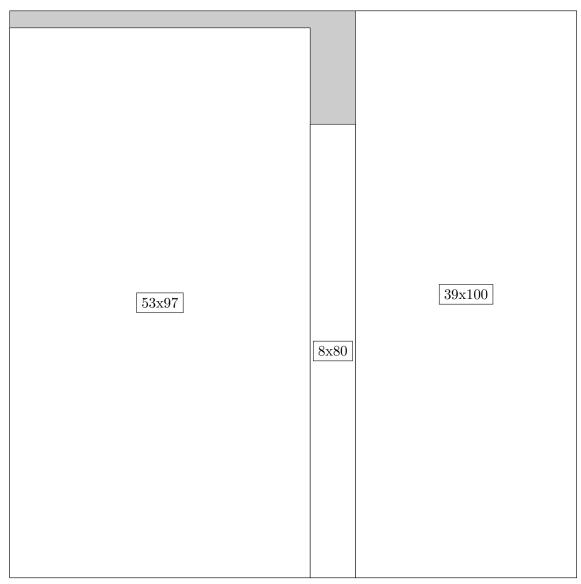
$$\begin{array}{c} w = 78 \; , \; h = 85 \; , \; x = 0 \; , \; y = 0 \; , \; v = 6630 \\ w = 22 \; , \; h = 68 \; , \; x = 78 \; , \; y = 0 \; , \; v = 1496 \\ \end{array}$$



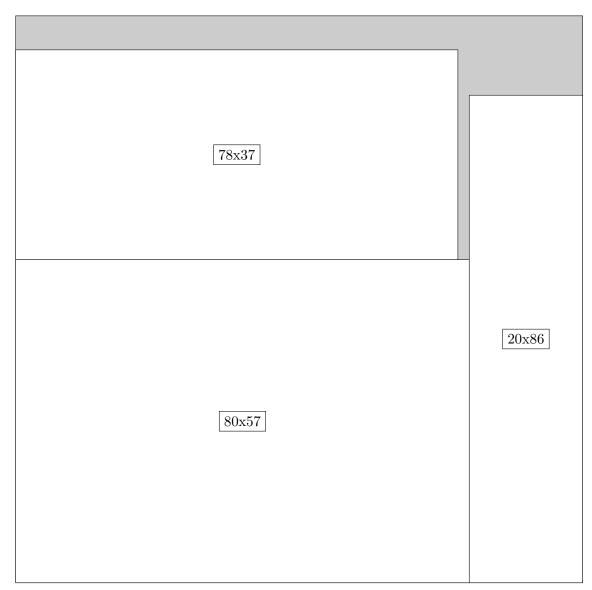
$$\begin{array}{c} w = \! 81 \; , \; h = \! 81 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 6561 \\ w = \! 19 \; , \; h = \! 80 \; , \; x = \! 81 \; , \; y = \! 0 \; , \; v = \! 1520 \\ \end{array}$$



$$\begin{array}{l} w = \! 80 \ , \ h = \! 68 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5440 \\ w = \! 20 \ , \ h = \! 88 \ , \ x = \! 80 \ , \ y = \! 0 \ , \ v = \! 1760 \\ w = \! 74 \ , \ h = \! 3 \ , \ x = \! 0 \ , \ y = \! 68 \ , \ v = \! 222 \end{array}$$



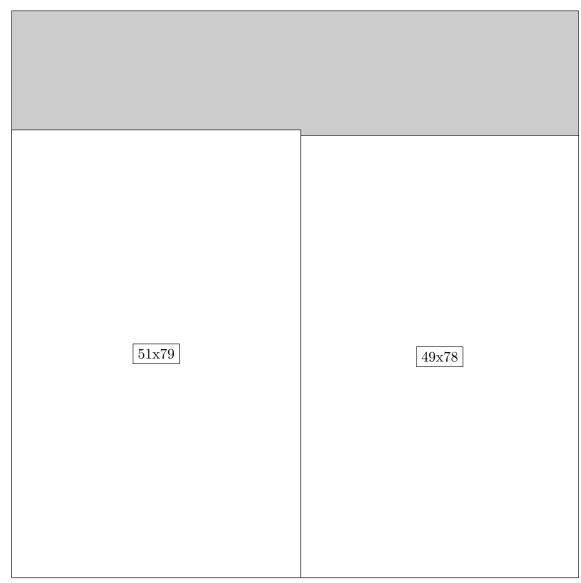
 $\begin{array}{l} w = \!53 \; , \; h = \!97 \; , \; x = \!0 \; , \; y = \!0 \; , \; v = \!5141 \\ w = \!39 \; , \; h = \!100 \; , \; x = \!61 \; , \; y = \!0 \; , \; v = \!3900 \\ w = \!8 \; , \; h = \!80 \; , \; x = \!53 \; , \; y = \!0 \; , \; v = \!640 \end{array}$ 

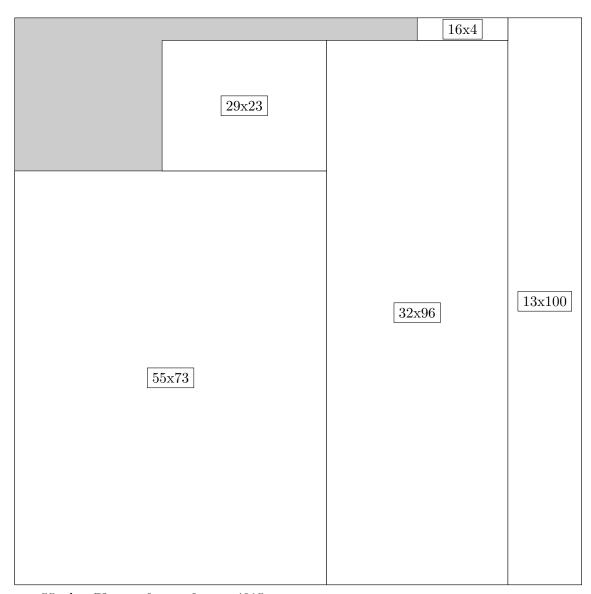


$$w = 80$$
,  $h = 57$ ,  $x = 0$ ,  $y = 0$ ,  $v = 4560$ 

$$\le -78$$
 , h =37 , x =0 , y =57 , v =2886

$$\le =20$$
 , h =86 , x =80 , y =0 , v =1720





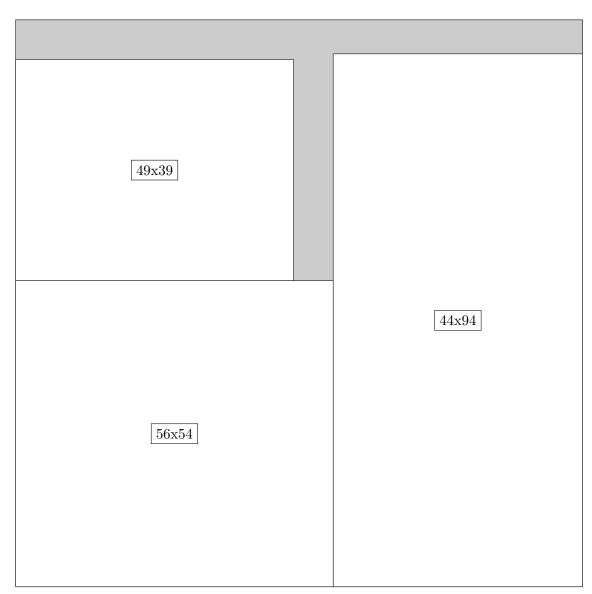
$$\le =55$$
 , h =73 , x =0 , y =0 , v =4015

$$\le =32$$
 , h =96 , x =55 , y =0 , v =3072

$$\le =13$$
 ,  $h=100$  ,  $x=87$  ,  $y=0$  ,  $v=1300$ 

$$\le =29$$
 , h =23 , x =26 , y =73 , v =667

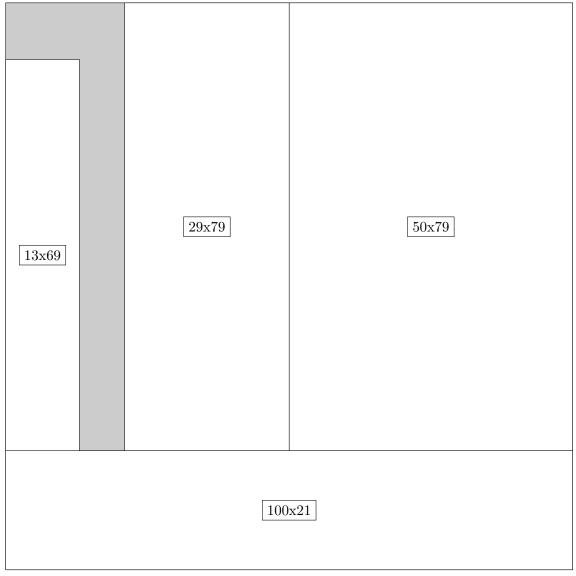
$$\le =16$$
 ,  $h=4$  ,  $x=71$  ,  $y=96$  ,  $v=64$ 



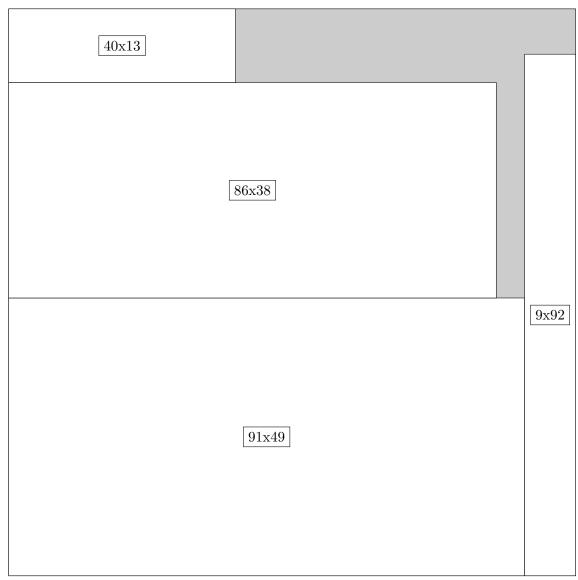
$$w = 44$$
,  $h = 94$ ,  $x = 56$ ,  $y = 0$ ,  $v = 4136$ 

$$w = 56$$
,  $h = 54$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3024$ 

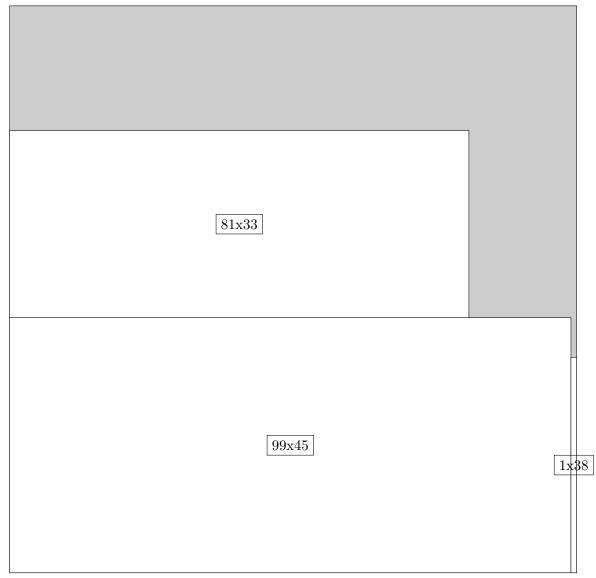
$$\le =49$$
 , h =39 , x =0 , y =54 , v =1911

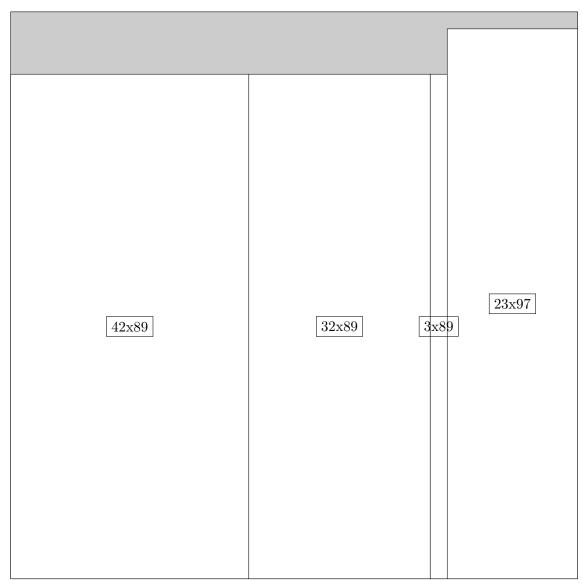


$$\begin{array}{l} w = \! 50 \ , \ h = \! 79 \ , \ x = \! 50 \ , \ y = \! 21 \ , \ v = \! 3950 \\ w = \! 29 \ , \ h = \! 79 \ , \ x = \! 21 \ , \ y = \! 21 \ , \ v = \! 2291 \\ w = \! 100 \ , \ h = \! 21 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2100 \\ w = \! 13 \ , \ h = \! 69 \ , \ x = \! 0 \ , \ y = \! 21 \ , \ v = \! 897 \end{array}$$

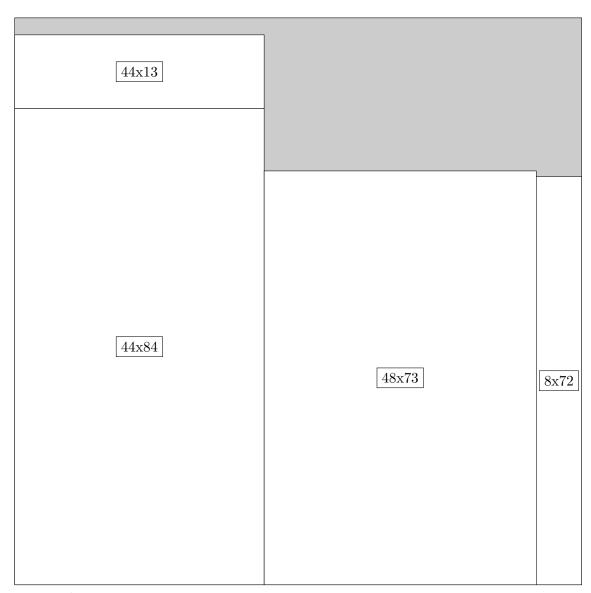


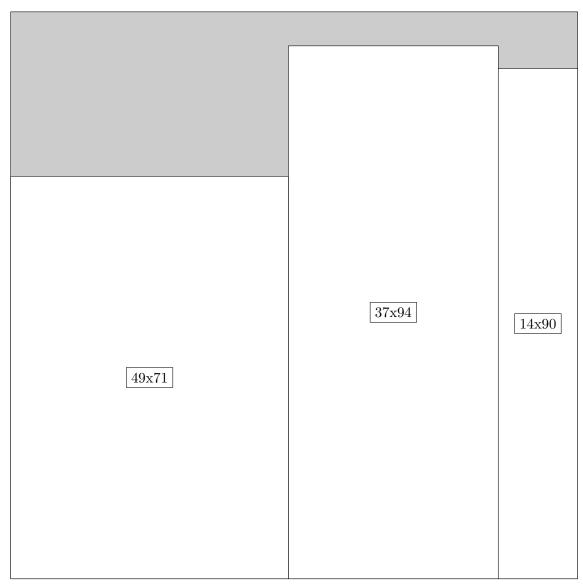
$$\begin{array}{l} w = \! 91 \ , \ h = \! 49 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4459 \\ w = \! 86 \ , \ h = \! 38 \ , \ x = \! 0 \ , \ y = \! 49 \ , \ v = \! 3268 \\ w = \! 9 \ , \ h = \! 92 \ , \ x = \! 91 \ , \ y = \! 0 \ , \ v = \! 828 \\ w = \! 40 \ , \ h = \! 13 \ , \ x = \! 0 \ , \ y = \! 87 \ , \ v = \! 520 \end{array}$$





 $\begin{array}{l} w = \!\! 42 \ , \ h = \!\! 89 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3738 \\ w = \!\! 32 \ , \ h = \!\! 89 \ , \ x = \!\! 42 \ , \ y = \!\! 0 \ , \ v = \!\! 2848 \\ w = \!\! 23 \ , \ h = \!\! 97 \ , \ x = \!\! 77 \ , \ y = \!\! 0 \ , \ v = \!\! 2231 \\ w = \!\! 3 \ , \ h = \!\! 89 \ , \ x = \!\! 74 \ , \ y = \!\! 0 \ , \ v = \!\! 267 \end{array}$ 





$$\begin{array}{l} w = \! 49 \ , \ h = \! 71 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3479 \\ w = \! 37 \ , \ h = \! 94 \ , \ x = \! 49 \ , \ y = \! 0 \ , \ v = \! 3478 \end{array}$$

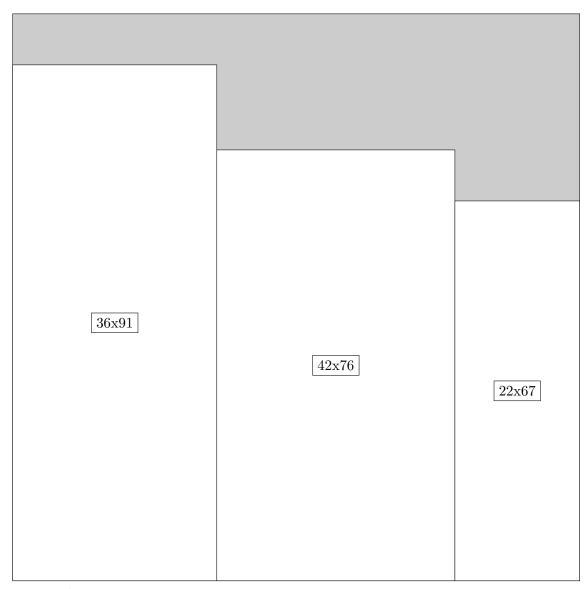
$$\mathbf{w}$$
 =14 , h =90 , x =86 , y =0 , v =1260

19x28			
	48x72	38x72	14x45

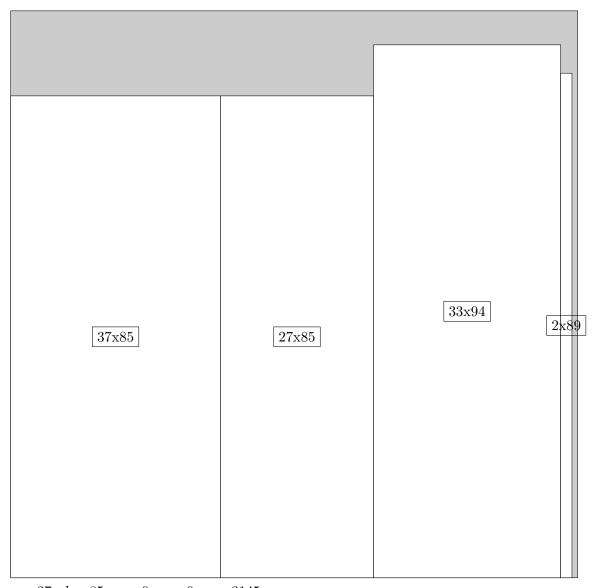
$$\begin{array}{l} w = \!\! 48 \ , \ h = \!\! 72 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3456 \\ w = \!\! 38 \ , \ h = \!\! 72 \ , \ x = \!\! 48 \ , \ y = \!\! 0 \ , \ v = \!\! 2736 \end{array}$$

$$\le =14$$
 , h =45 , x =86 , y =0 , v =630

$$w = 19$$
,  $h = 28$ ,  $x = 0$ ,  $y = 72$ ,  $v = 532$ 

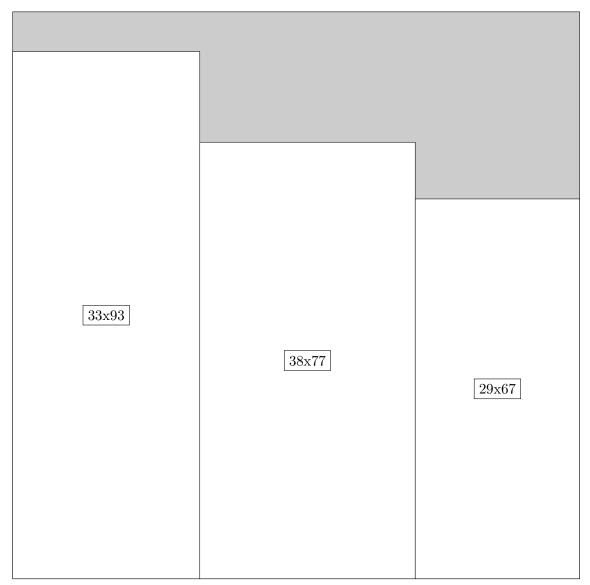


$$\begin{array}{l} w = & 36 \ , \ h = & 91 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 3276 \\ w = & 42 \ , \ h = & 76 \ , \ x = & 36 \ , \ y = & 0 \ , \ v = & 3192 \\ w = & 22 \ , \ h = & 67 \ , \ x = & 78 \ , \ y = & 0 \ , \ v = & 1474 \end{array}$$



 $\begin{array}{l} w = \! 37 \ , \ h = \! 85 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3145 \\ w = \! 33 \ , \ h = \! 94 \ , \ x = \! 64 \ , \ y = \! 0 \ , \ v = \! 3102 \\ w = \! 27 \ , \ h = \! 85 \ , \ x = \! 37 \ , \ y = \! 0 \ , \ v = \! 2295 \end{array}$ 

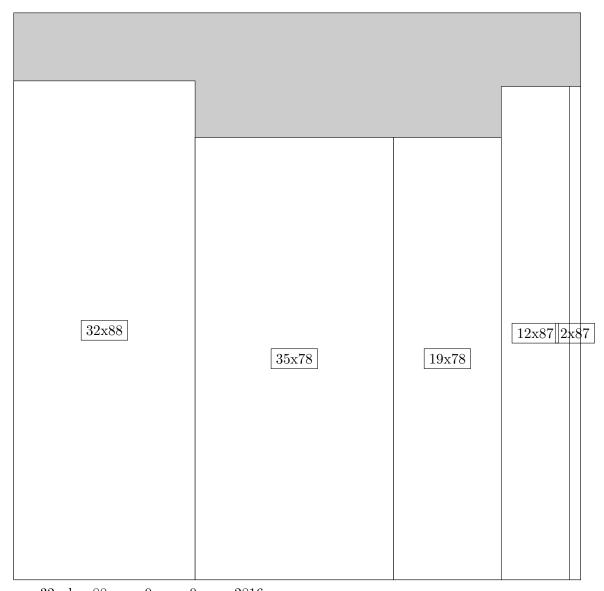
 $\mathbf{w}$  =2 , h =89 , x =97 , y =0 , v =178



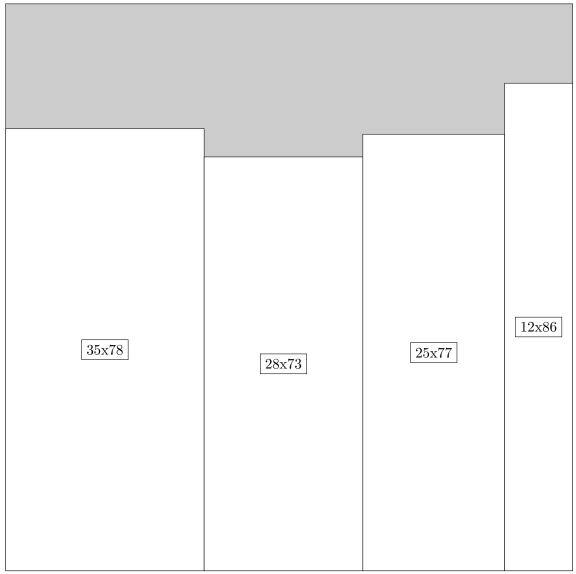
$$w = 33$$
,  $h = 93$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3069$ 

$$\le =38$$
 , h =77 , x =33 , y =0 , v =2926

$$\le =29$$
 ,  $h$  =67 ,  $x$  =71 ,  $y$  =0 ,  $v$  =1943



 $\begin{array}{l} w = 32 \; , \; h = 88 \; , \; x = 0 \; , \; y = 0 \; , \; v = 2816 \\ w = 35 \; , \; h = 78 \; , \; x = 32 \; , \; y = 0 \; , \; v = 2730 \\ w = 12 \; , \; h = 87 \; , \; x = 86 \; , \; y = 0 \; , \; v = 1044 \\ w = 19 \; , \; h = 78 \; , \; x = 67 \; , \; y = 0 \; , \; v = 1482 \\ w = 2 \; , \; h = 87 \; , \; x = 98 \; , \; y = 0 \; , \; v = 174 \end{array}$ 

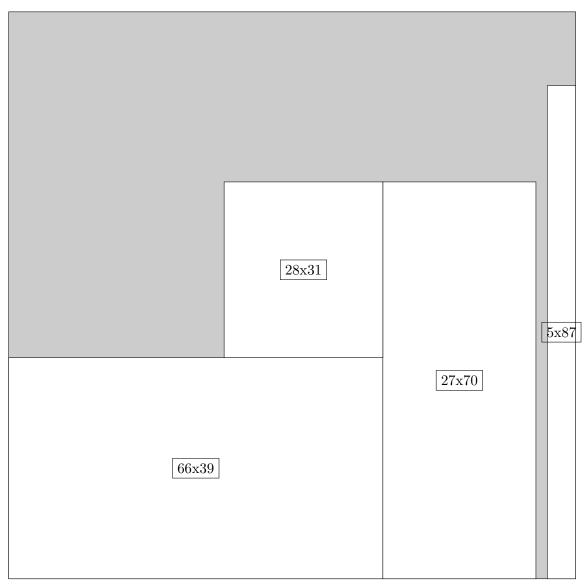


$$\le =35$$
 , h =78 , x =0 , y =0 , v =2730

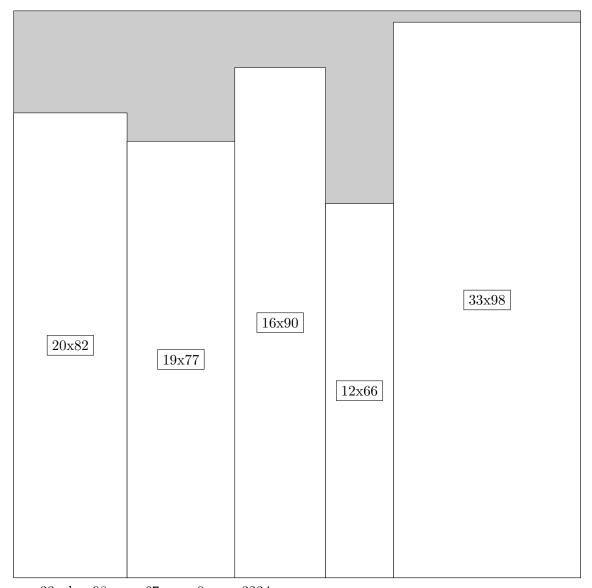
$$\le =28$$
 ,  $h$  =73 ,  $x$  =35 ,  $y$  =0 ,  $v$  =2044

$$\le =25$$
 , h =77 , x =63 , y =0 , v =1925

$$\mathbf{w}$$
 =12 , h =86 , x =88 , y =0 , v =1032



 $\begin{array}{l} w = \!\!66 \ , \ h = \!\!39 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!2574 \\ w = \!\!27 \ , \ h = \!\!70 \ , \ x = \!\!66 \ , \ y = \!\!0 \ , \ v = \!\!1890 \\ w = \!\!28 \ , \ h = \!\!31 \ , \ x = \!\!38 \ , \ y = \!\!39 \ , \ v = \!\!868 \\ w = \!\!5 \ , \ h = \!\!87 \ , \ x = \!\!95 \ , \ y = \!\!0 \ , \ v = \!\!435 \end{array}$ 



$$\le =33$$
 , h =98 , x =67 , y =0 , v =3234

$$\le =20$$
 ,  $h=82$  ,  $x=0$  ,  $y=0$  ,  $v=1640$ 

$$\le =19$$
 , h =77 , x =20 , y =0 , v =1463

$$\mathbf{w}$$
 =16 , h =90 , x =39 , y =0 , v =1440

$$w = 12$$
,  $h = 66$ ,  $x = 55$ ,  $y = 0$ ,  $v = 792$