$ClassName: \ Class\_07.2bp-48$ 

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

TypeNum: <u>98</u>
Num: <u>100</u>
OutS: <u>250000</u>
InS: <u>225907</u>
Rate: <u>0.904</u>
UB: <u>25</u>
LB0: <u>25</u>
LB: <u>25</u>

LBWithCut:  $\underline{25}$  NodeCut:  $\underline{0}$ 

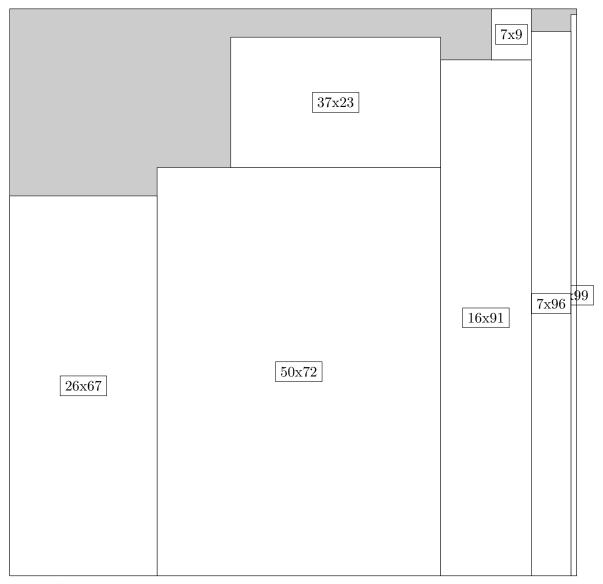
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{25}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

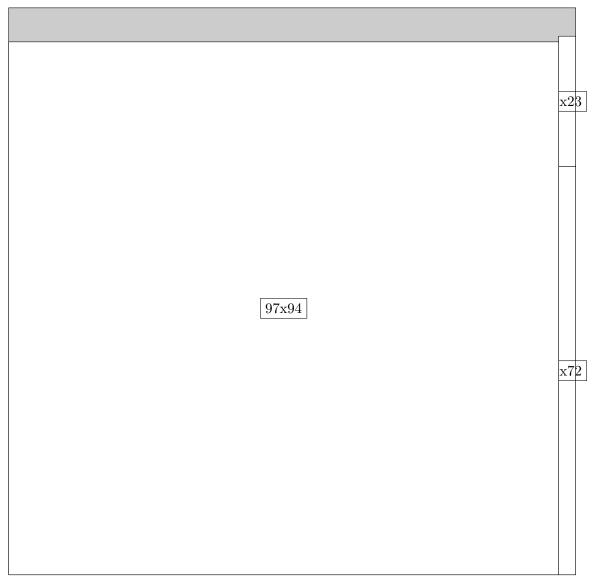
isOpt:  $\underline{\mathbf{true}}$ 

TimeOnInitSolution:  $\underline{600.000 \text{ s}}$ 

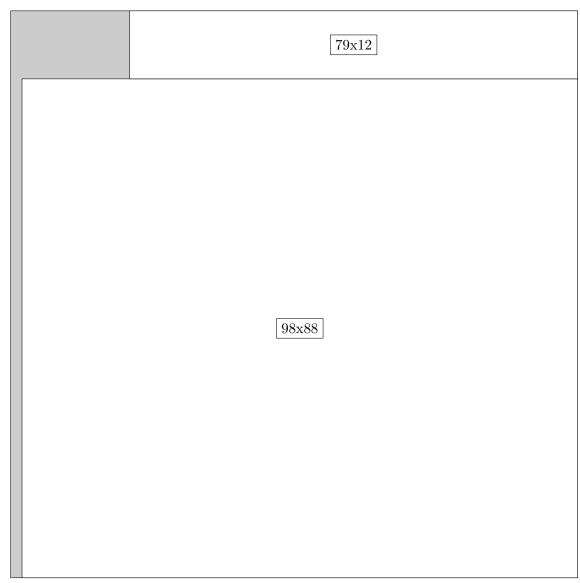
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.328 s

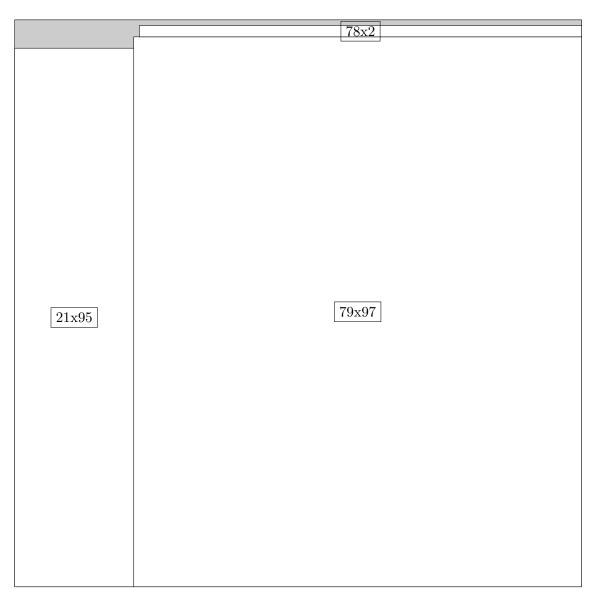


 $\begin{array}{l} w=1\ ,\ h=99\ ,\ x=99\ ,\ y=0\ ,\ v=99\\ w=7\ ,\ h=96\ ,\ x=92\ ,\ y=0\ ,\ v=672\\ w=16\ ,\ h=91\ ,\ x=76\ ,\ y=0\ ,\ v=1456\\ w=7\ ,\ h=9\ ,\ x=85\ ,\ y=91\ ,\ v=63\\ w=50\ ,\ h=72\ ,\ x=26\ ,\ y=0\ ,\ v=3600\\ w=37\ ,\ h=23\ ,\ x=39\ ,\ y=72\ ,\ v=851\\ w=26\ ,\ h=67\ ,\ x=0\ ,\ y=0\ ,\ v=1742\\ \end{array}$ 



$$\begin{array}{l} w = 3 \ , \ h = 72 \ , \ x = 97 \ , \ y = 0 \ , \ v = 216 \\ w = 3 \ , \ h = 23 \ , \ x = 97 \ , \ y = 72 \ , \ v = 69 \\ w = 97 \ , \ h = 94 \ , \ x = 0 \ , \ y = 0 \ , \ v = 9118 \end{array}$$





$$w = 79 \ , \ h = 97 \ , \ x = 21 \ , \ y = 0 \ , \ v = 7663$$

$$w$$
 =78 ,  $h$  =2 ,  $x$  =22 ,  $y$  =97 ,  $v$  =156

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

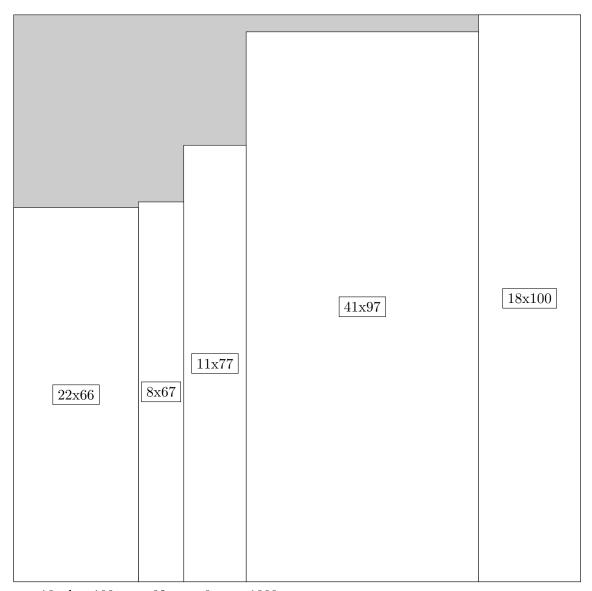
	71x30		
44x69		23x70	32x70

$$\le =32$$
 ,  $h$  =70 ,  $x$  =68 ,  $y$  =0 ,  $v$  =2240

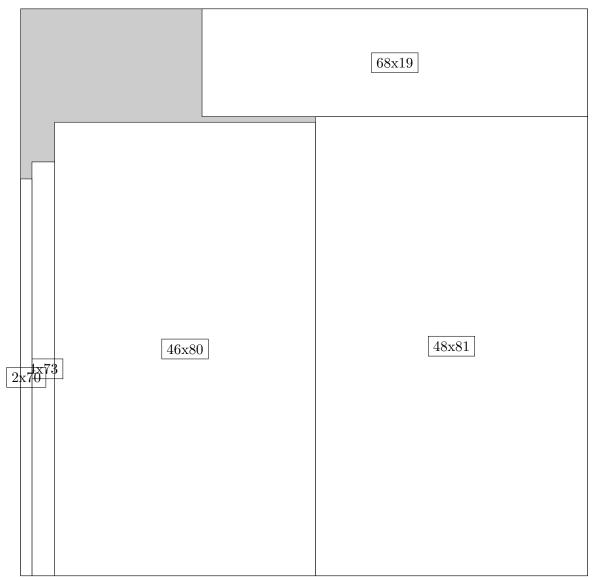
$$\le =23$$
 ,  $h$  =70 ,  $x$  =45 ,  $y$  =0 ,  $v$  =1610

$$\le =44$$
 , h =69 , x =1 , y =0 , v =3036

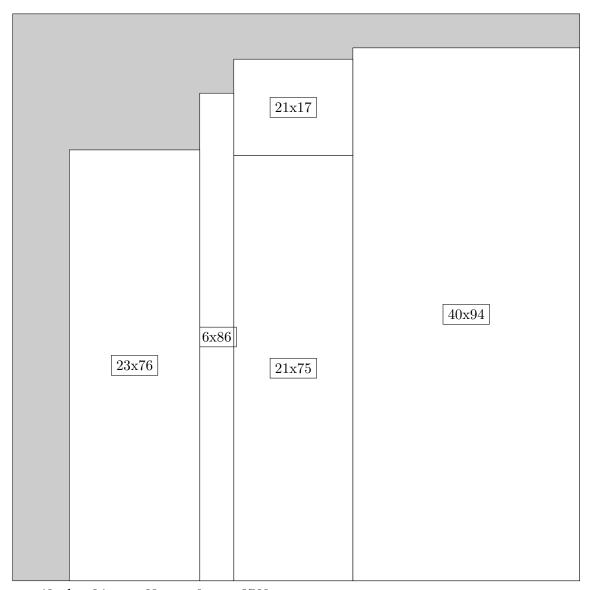
$$\le =71$$
 , h =30 , x =29 , y =70 , v =2130



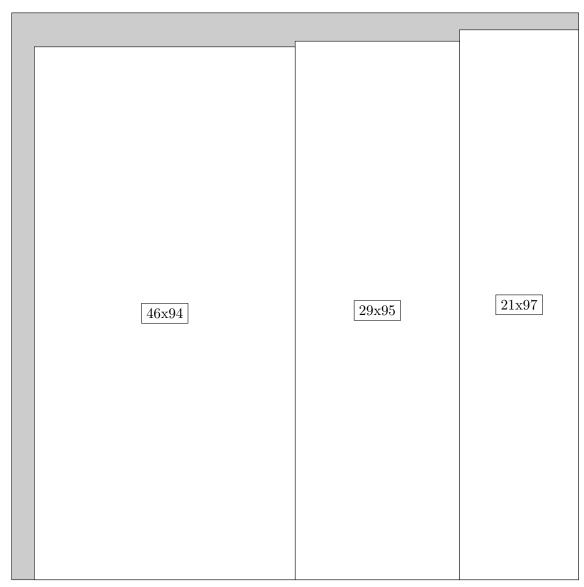
 $\begin{array}{l} w = \! 18 \; , \; h = \! 100 \; , \; x = \! 82 \; , \; y = \! 0 \; , \; v = \! 1800 \\ w = \! 41 \; , \; h = \! 97 \; , \; x = \! 41 \; , \; y = \! 0 \; , \; v = \! 3977 \\ w = \! 11 \; , \; h = \! 77 \; , \; x = \! 30 \; , \; y = \! 0 \; , \; v = \! 847 \\ w = \! 8 \; , \; h = \! 67 \; , \; x = \! 22 \; , \; y = \! 0 \; , \; v = \! 536 \\ w = \! 22 \; , \; h = \! 66 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 1452 \end{array}$ 



 $\begin{array}{l} w = \!\!48 \;, \; h = \!\!81 \;, \; x = \!\!52 \;, \; y = \!\!0 \;, \; v = \!\!3888 \\ w = \!\!46 \;, \; h = \!\!80 \;, \; x = \!\!6 \;, \; y = \!\!0 \;, \; v = \!\!3680 \\ w = \!\!4 \;, \; h = \!\!73 \;, \; x = \!\!2 \;, \; y = \!\!0 \;, \; v = \!\!292 \\ w = \!\!2 \;, \; h = \!\!70 \;, \; x = \!\!0 \;, \; y = \!\!0 \;, \; v = \!\!140 \\ w = \!\!68 \;, \; h = \!\!19 \;, \; x = \!\!32 \;, \; y = \!\!81 \;, \; v = \!\!1292 \end{array}$ 



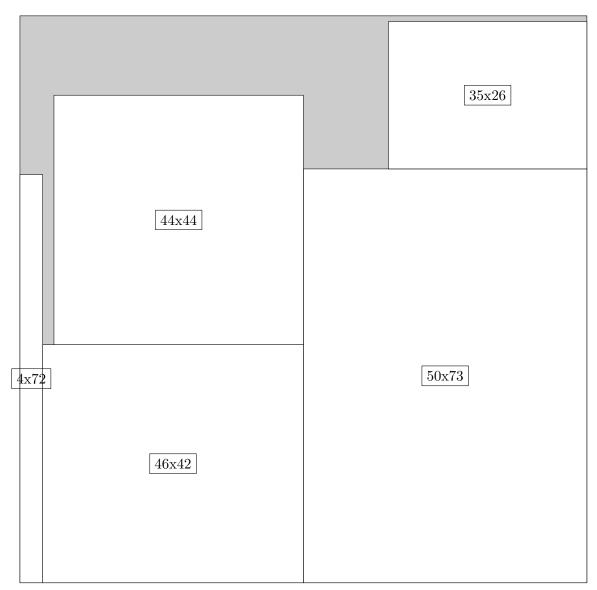
$$\begin{array}{l} w = \! 40 \;,\; h = \! 94 \;,\; x = \! 60 \;,\; y = \! 0 \;,\; v = \! 3760 \\ w = \! 21 \;,\; h = \! 75 \;,\; x = \! 39 \;,\; y = \! 0 \;,\; v = \! 1575 \\ w = \! 21 \;,\; h = \! 17 \;,\; x = \! 39 \;,\; y = \! 75 \;,\; v = \! 357 \\ w = \! 6 \;,\; h = \! 86 \;,\; x = \! 33 \;,\; y = \! 0 \;,\; v = \! 516 \\ w = \! 23 \;,\; h = \! 76 \;,\; x = \! 10 \;,\; y = \! 0 \;,\; v = \! 1748 \end{array}$$



$$w$$
 =21 ,  $h$  =97 ,  $x$  =79 ,  $y$  =0 ,  $v$  =2037

$$\le =29$$
 , h =95 , x =50 , y =0 , v =2755

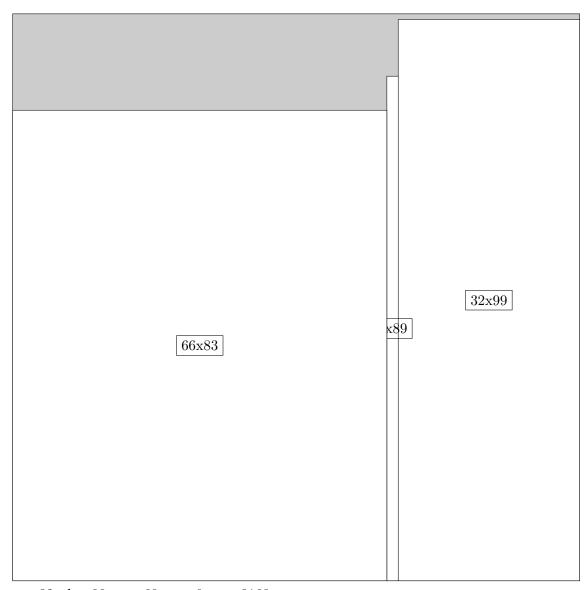
$$\le =46$$
 , h =94 , x =4 , y =0 , v =4324



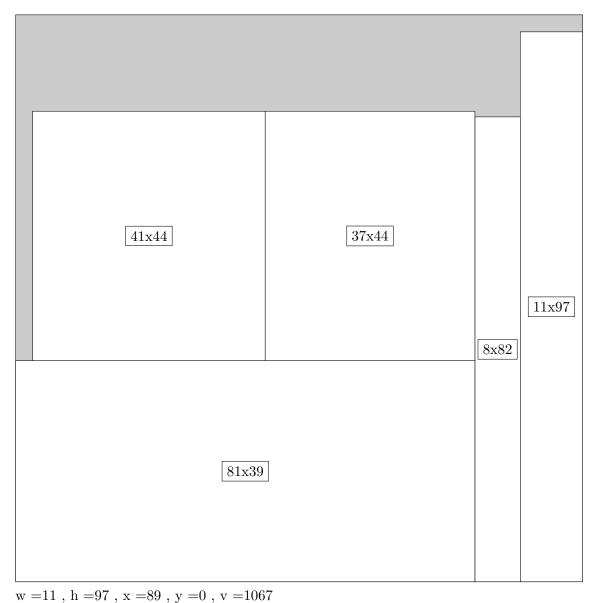
$$\begin{array}{c} w = \!\! 50 \ , \ h = \!\! 73 \ , \ x = \!\! 50 \ , \ y = \!\! 0 \ , \ v = \!\! 3650 \\ w = \!\! 35 \ , \ h = \!\! 26 \ , \ x = \!\! 65 \ , \ y = \!\! 73 \ , \ v = \!\! 910 \end{array}$$

$$\le =46$$
 , h =42 , x =4 , y =0 , v =1932

$$w = 44$$
,  $h = 44$ ,  $x = 6$ ,  $y = 42$ ,  $v = 1936$ 

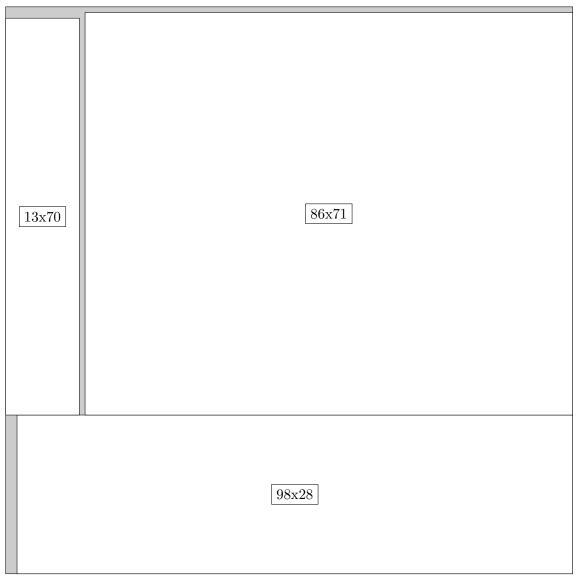


 $\begin{array}{l} w = & 32 \ , \ h = & 99 \ , \ x = & 68 \ , \ y = & 0 \ , \ v = & 3168 \\ w = & 2 \ , \ h = & 89 \ , \ x = & 66 \ , \ y = & 0 \ , \ v = & 178 \\ w = & 66 \ , \ h = & 83 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 5478 \end{array}$ 

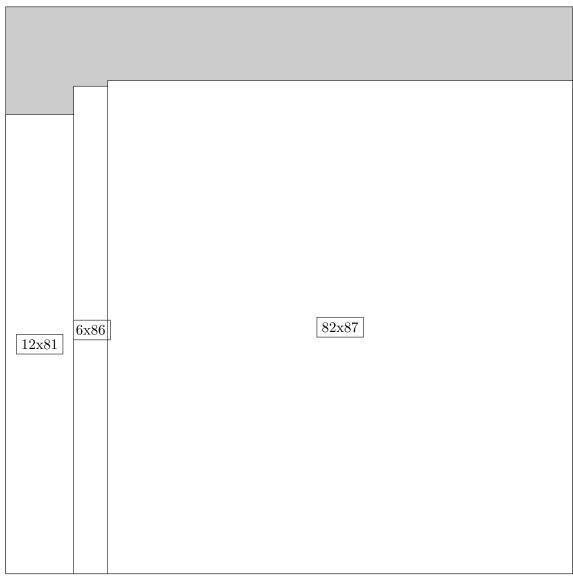


 $\le =8$  , h =82 , x =81 , y =0 , v =656  $\le =81$  , h =39 , x =0 , y =0 , v =3159  $\le =37$  , h =44 , x =44 , y =39 , v =1628

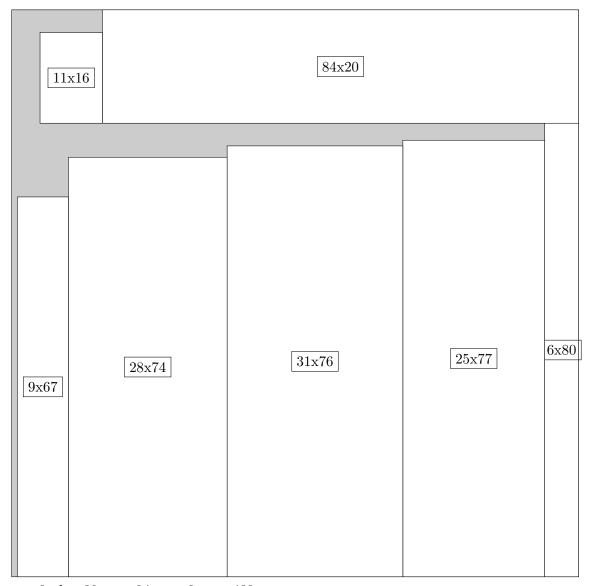
w = 41, h = 44, x = 3, y = 39, v = 1804



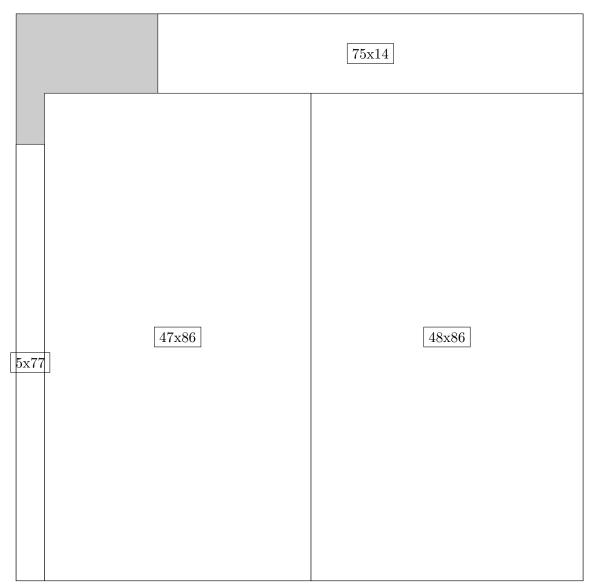
$$\begin{array}{l} w = \! 98 \ , \ h = \! 28 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 2744 \\ w = \! 86 \ , \ h = \! 71 \ , \ x = \! 14 \ , \ y = \! 28 \ , \ v = \! 6106 \\ w = \! 13 \ , \ h = \! 70 \ , \ x = \! 0 \ , \ y = \! 28 \ , \ v = \! 910 \end{array}$$



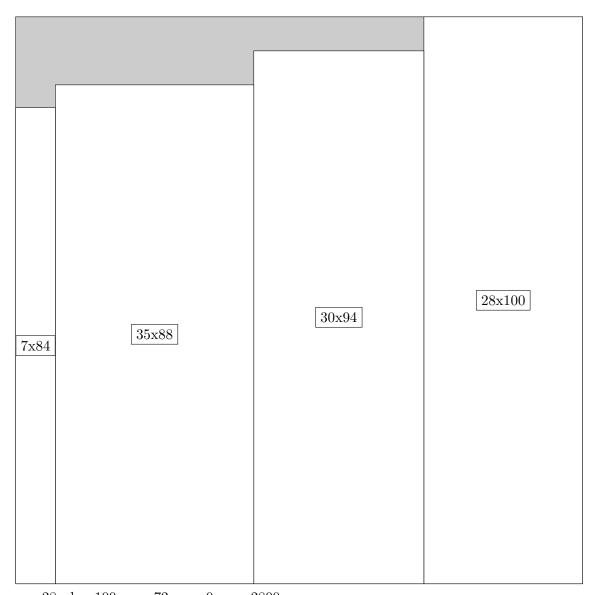
 $\begin{array}{l} w = \! 82 \; , \; h = \! 87 \; , \; x = \! 18 \; , \; y = \! 0 \; , \; v = \! 7134 \\ w = \! 6 \; , \; h = \! 86 \; , \; x = \! 12 \; , \; y = \! 0 \; , \; v = \! 516 \\ w = \! 12 \; , \; h = \! 81 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 972 \end{array}$ 



$$\begin{array}{l} w=6\ ,\, h=\!80\ ,\, x=\!94\ ,\, y=\!0\ ,\, v=\!480\\ w=\!25\ ,\, h=\!77\ ,\, x=\!69\ ,\, y=\!0\ ,\, v=\!1925\\ w=\!31\ ,\, h=\!76\ ,\, x=\!38\ ,\, y=\!0\ ,\, v=\!2356\\ w=\!28\ ,\, h=\!74\ ,\, x=\!10\ ,\, y=\!0\ ,\, v=\!2072\\ w=\!9\ ,\, h=\!67\ ,\, x=\!1\ ,\, y=\!0\ ,\, v=\!603\\ w=\!84\ ,\, h=\!20\ ,\, x=\!16\ ,\, y=\!80\ ,\, v=\!1680\\ w=\!11\ ,\, h=\!16\ ,\, x=\!5\ ,\, y=\!80\ ,\, v=\!176\\ \end{array}$$

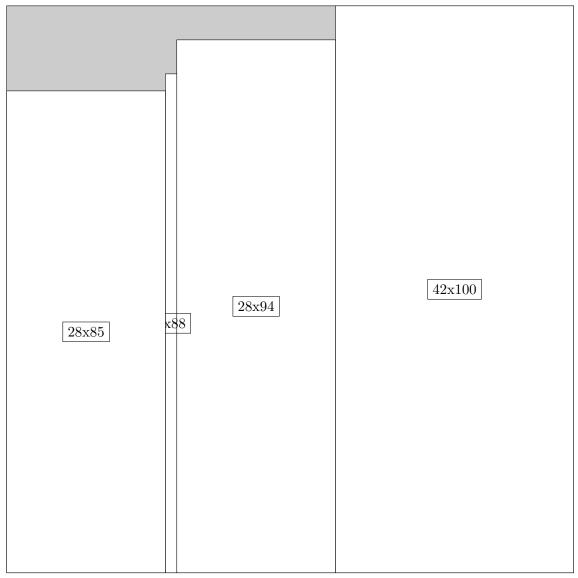


 $\begin{array}{l} w = \!\! 48 \ , \ h = \!\! 86 \ , \ x = \!\! 52 \ , \ y = \!\! 0 \ , \ v = \!\! 4128 \\ w = \!\! 47 \ , \ h = \!\! 86 \ , \ x = \!\! 5 \ , \ y = \!\! 0 \ , \ v = \!\! 4042 \\ w = \!\! 5 \ , \ h = \!\! 77 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 385 \\ w = \!\! 75 \ , \ h = \!\! 14 \ , \ x = \!\! 25 \ , \ y = \!\! 86 \ , \ v = \!\! 1050 \end{array}$ 

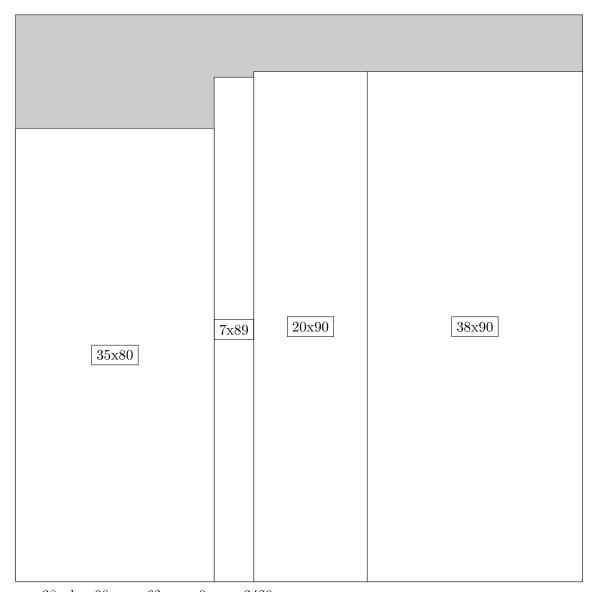


 $\begin{array}{l} w = 28 \ , \ h = 100 \ , \ x = 72 \ , \ y = 0 \ , \ v = 2800 \\ w = 30 \ , \ h = 94 \ , \ x = 42 \ , \ y = 0 \ , \ v = 2820 \\ w = 35 \ , \ h = 88 \ , \ x = 7 \ , \ y = 0 \ , \ v = 3080 \end{array}$ 

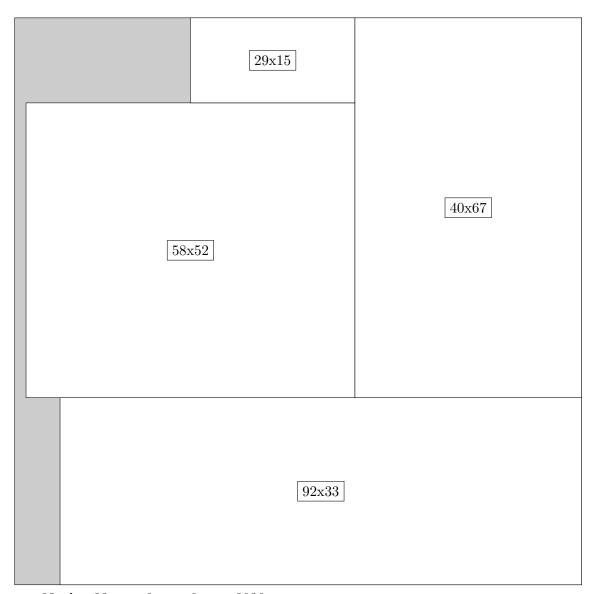
 $\mathbf{w}$  =7 , h =84 , x =0 , y =0 , v =588



 $\begin{array}{l} w = \!\! 42 \; , \; h = \!\! 100 \; , \; x = \!\! 58 \; , \; y = \!\! 0 \; , \; v = \!\! 4200 \\ w = \!\! 28 \; , \; h = \!\! 94 \; , \; x = \!\! 30 \; , \; y = \!\! 0 \; , \; v = \!\! 2632 \\ w = \!\! 2 \; , \; h = \!\! 88 \; , \; x = \!\! 28 \; , \; y = \!\! 0 \; , \; v = \!\! 176 \\ w = \!\! 28 \; , \; h = \!\! 85 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 2380 \end{array}$ 



 $\begin{array}{l} w = 38 \ , \ h = 90 \ , \ x = 62 \ , \ y = 0 \ , \ v = 3420 \\ w = 20 \ , \ h = 90 \ , \ x = 42 \ , \ y = 0 \ , \ v = 1800 \\ w = 7 \ , \ h = 89 \ , \ x = 35 \ , \ y = 0 \ , \ v = 623 \\ w = 35 \ , \ h = 80 \ , \ x = 0 \ , \ y = 0 \ , \ v = 2800 \end{array}$ 

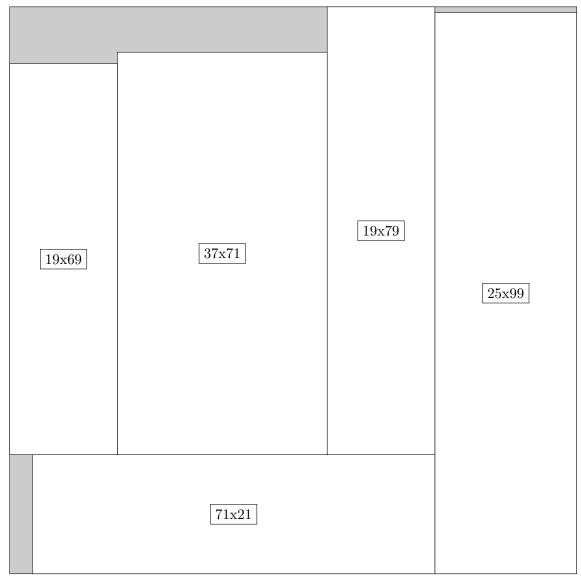


$$\le =92$$
 , h =33 , x =8 , y =0 , v =3036

$$\le =40$$
 ,  $h=\!67$  ,  $x=\!60$  ,  $y=\!33$  ,  $v=\!2680$ 

$$\le -58$$
 , h =  
52 , x =  
2 , y =  
33 , v =  
3016

$$\le =29$$
 , h =15 , x =31 , y =85 , v =435



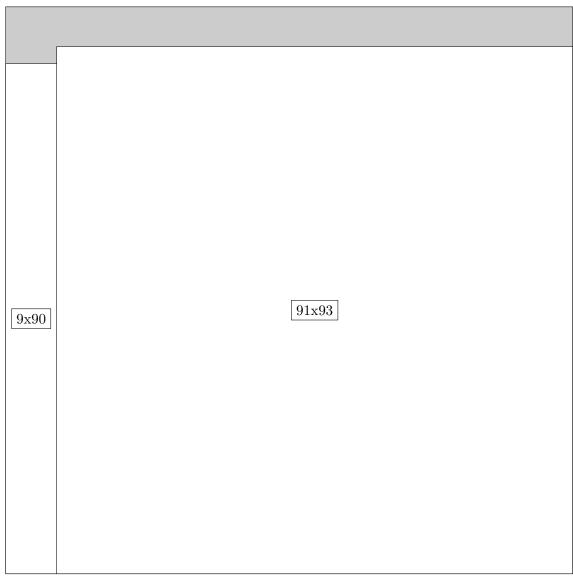
$$w = 25$$
,  $h = 99$ ,  $x = 75$ ,  $y = 0$ ,  $v = 2475$ 

$$\mathbf{w}$$
 =71 , h =21 , x =4 , y =0 , v =1491

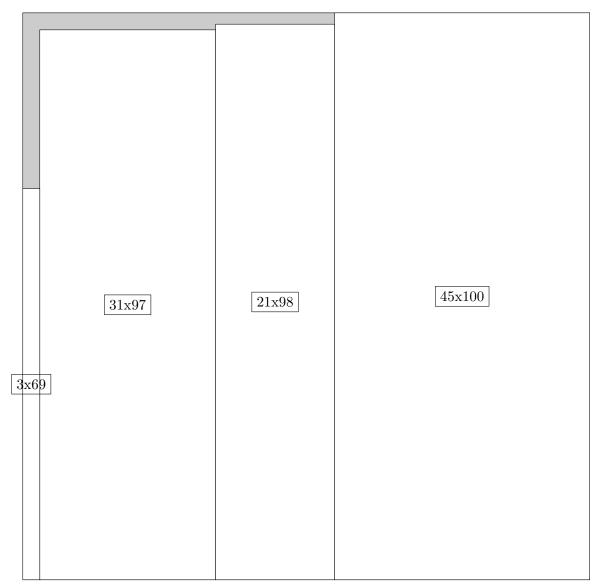
$$\le =19$$
 ,  $h$  =79 ,  $x$  =56 ,  $y$  =21 ,  $v$  =1501

$$\le =37$$
 , h =71 , x =19 , y =21 , v =2627

$$\mathbf{w}$$
 =19 , h =69 , x =0 , y =21 , v =1311



w =91, h =93, x =9, y =0, v =8463 w =9, h =90, x =0, y =0, v =810

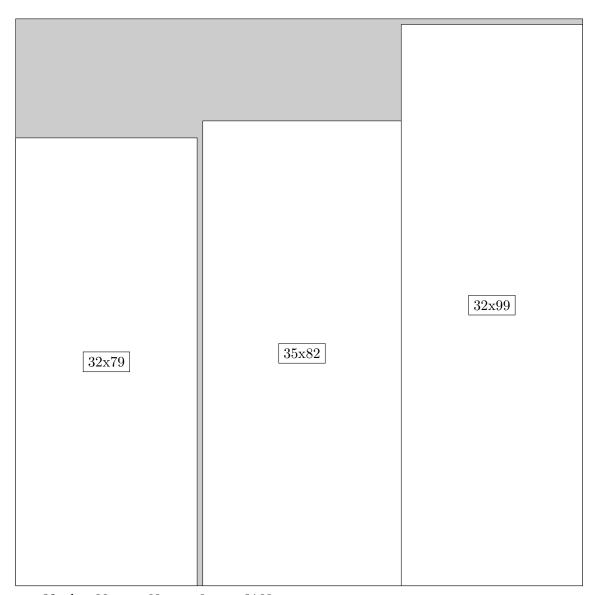


 $\le 45$  ,  $h = \! 100$  ,  $x = \! 55$  ,  $y = \! 0$  ,  $v = \! \! 4500$ 

 $\le =21$  , h =98 , x =34 , y =0 , v =2058

 $\le =31$  , h =97 , x =3 , y =0 , v =3007

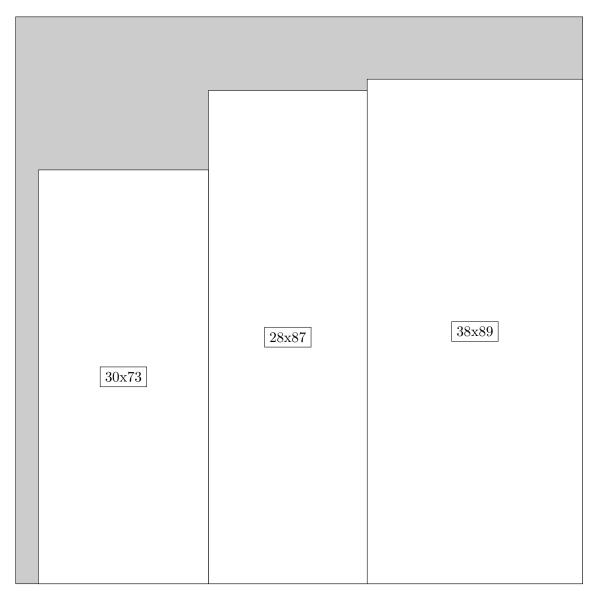
 $\le 3$  , h =69 , x =0 , y =0 , v =207



$$\le =32$$
 , h =99 , x =68 , y =0 , v =3168

$$\le =35$$
 , h =82 , x =33 , y =0 , v =2870

$$\le =32$$
 ,  $==79$  ,  $==0$  ,  $==2528$ 



$$w = 38 \ , \ h = 89 \ , \ x = 62 \ , \ y = 0 \ , \ v = 3382$$

$$\le =28$$
 , h =87 , x =34 , y =0 , v =2436

$$\le =30$$
 , h =73 , x =4 , y =0 , v =2190