$ClassName: \ Class_07.2bp-42$

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

TypeNum: <u>99</u>
Num: <u>100</u>
OutS: <u>250000</u>
InS: <u>207677</u>
Rate: <u>0.831</u>
UB: <u>25</u>
LB0: <u>25</u>
LB: <u>25</u>

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

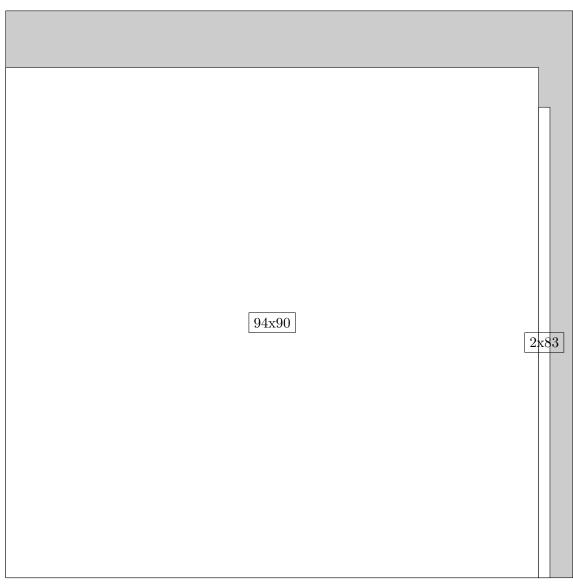
ExtendedNodeCnt: $\underline{\mathbf{1}}$

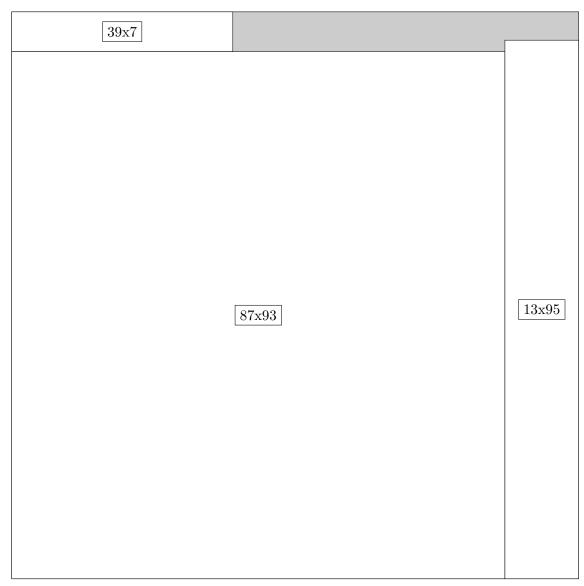
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{25}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

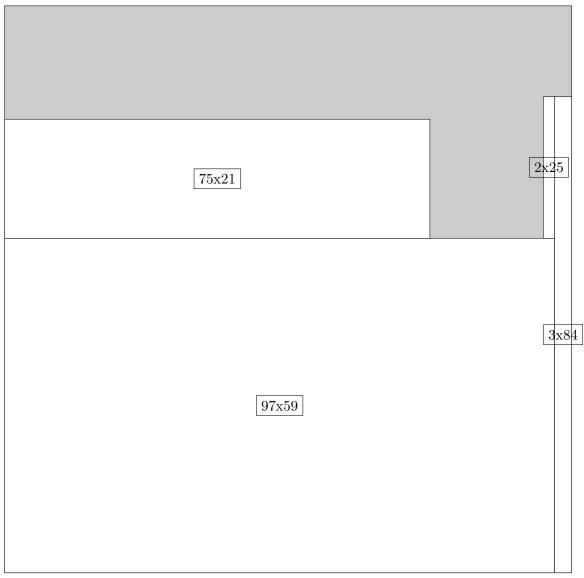
TimeOnInitSolution: $\underline{120.030 \text{ s}}$

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.093 sTotalTime: 120.186 s





$$\begin{array}{l} w = \! 87 \; , \; h = \! 93 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 8091 \\ w = \! 13 \; , \; h = \! 95 \; , \; x = \! 87 \; , \; y = \! 0 \; , \; v = \! 1235 \\ w = \! 39 \; , \; h = \! 7 \; , \; x = \! 0 \; , \; y = \! 93 \; , \; v = \! 273 \end{array}$$



 $\le =97$, h =59 , x =0 , y =0 , v =5723

 ≤ -75 , h =21 , x =0 , y =59 , v =1575

w =3 , h =84 , x =97 , y =0 , v =252

w =2 , h =25 , x =95 , y =59 , v =50

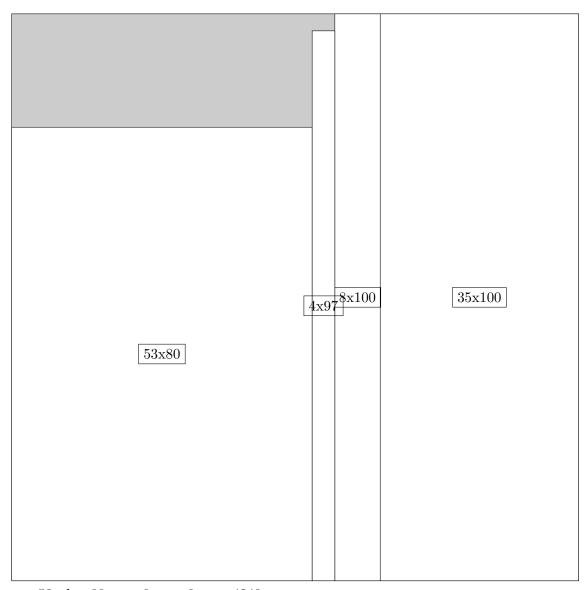
94x17	
73x6	
79x72	21x78

$$\mathbf{w}$$
 =79 , \mathbf{h} =72 , \mathbf{x} =0 , \mathbf{y} =0 , \mathbf{v} =5688

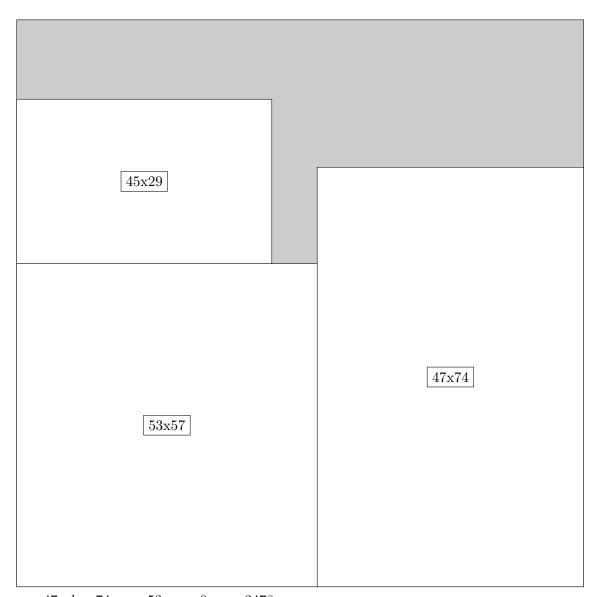
$$\le =21$$
 , h =78 , x =79 , y =0 , v =1638

$$\le =94$$
 , h =17 , x =6 , y =78 , v =1598

$$\mathbf{w}$$
 =73 , h =6 , x =6 , y =72 , v =438

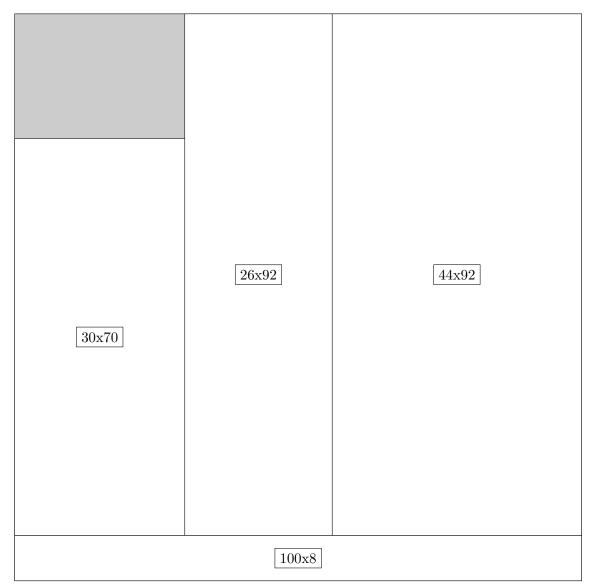


 $\begin{array}{l} w = \!53 \;,\; h = \!80 \;,\; x = \!0 \;,\; y = \!0 \;,\; v = \!4240 \\ w = \!35 \;,\; h = \!100 \;,\; x = \!65 \;,\; y = \!0 \;,\; v = \!3500 \\ w = \!8 \;,\; h = \!100 \;,\; x = \!57 \;,\; y = \!0 \;,\; v = \!800 \\ w = \!4 \;,\; h = \!97 \;,\; x = \!53 \;,\; y = \!0 \;,\; v = \!388 \end{array}$



$$\begin{array}{l} w = \!\! 47 \ , \ h = \!\! 74 \ , \ x = \!\! 53 \ , \ y = \!\! 0 \ , \ v = \!\! 3478 \\ w = \!\! 53 \ , \ h = \!\! 57 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3021 \end{array}$$

$$w = 45$$
, $h = 29$, $x = 0$, $y = 57$, $v = 1305$

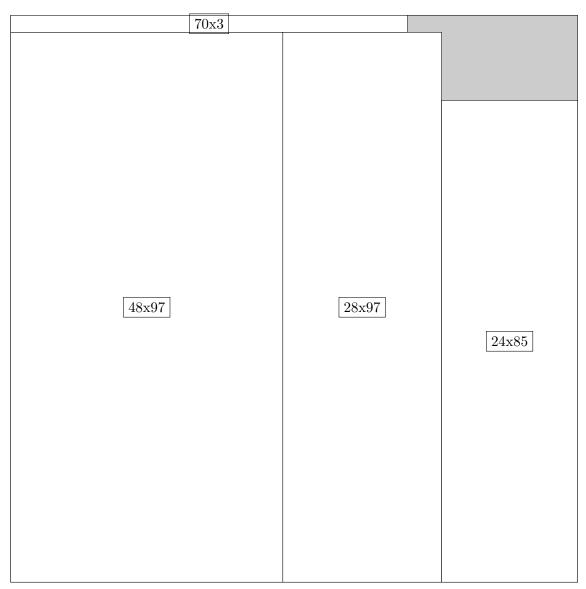


 $\le =44$, h=92 , x=56 , y=8 , v=4048

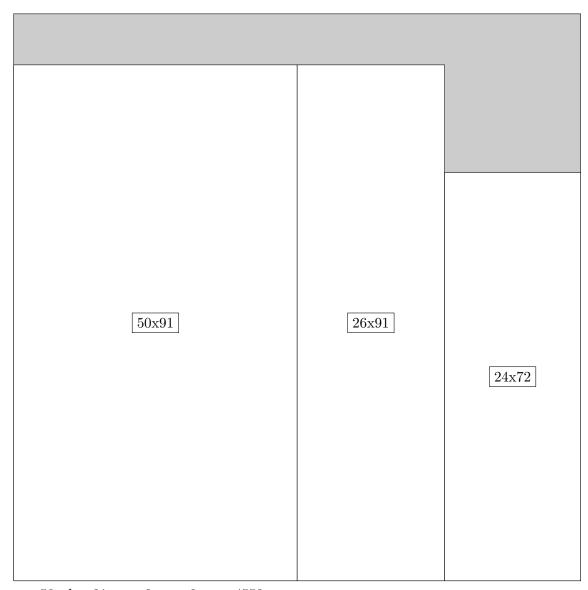
 $\le =26$, h =92 , x =30 , y =8 , v =2392

 $\le =30$, h =70 , x =0 , y =8 , v =2100

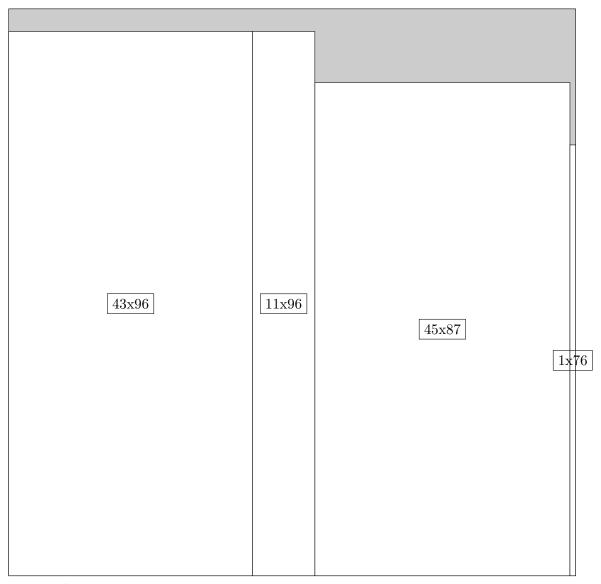
 \mathbf{w} =100 , h =8 , x =0 , y =0 , v =800



 $\begin{array}{l} w = \!\! 48 \ , \ h = \!\! 97 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4656 \\ w = \!\! 28 \ , \ h = \!\! 97 \ , \ x = \!\! 48 \ , \ y = \!\! 0 \ , \ v = \!\! 2716 \\ w = \!\! 24 \ , \ h = \!\! 85 \ , \ x = \!\! 76 \ , \ y = \!\! 0 \ , \ v = \!\! 2040 \\ w = \!\! 70 \ , \ h = \!\! 3 \ , \ x = \!\! 0 \ , \ y = \!\! 97 \ , \ v = \!\! 210 \end{array}$



$$\begin{array}{l} w = \!\! 50 \ , \ h = \!\! 91 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4550 \\ w = \!\! 26 \ , \ h = \!\! 91 \ , \ x = \!\! 50 \ , \ y = \!\! 0 \ , \ v = \!\! 2366 \\ w = \!\! 24 \ , \ h = \!\! 72 \ , \ x = \!\! 76 \ , \ y = \!\! 0 \ , \ v = \!\! 1728 \end{array}$$

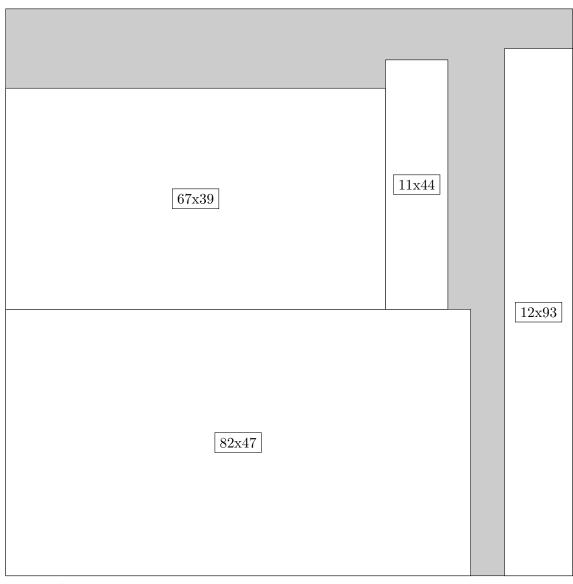


 $\begin{array}{l} w = \!\! 43 \ , \ h = \!\! 96 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4128 \\ w = \!\! 45 \ , \ h = \!\! 87 \ , \ x = \!\! 54 \ , \ y = \!\! 0 \ , \ v = \!\! 3915 \\ w = \!\! 11 \ , \ h = \!\! 96 \ , \ x = \!\! 43 \ , \ y = \!\! 0 \ , \ v = \!\! 1056 \\ w = \!\! 1 \ , \ h = \!\! 76 \ , \ x = \!\! 99 \ , \ y = \!\! 0 \ , \ v = \!\! 76 \end{array}$

		1
45x87	23x87	[32x86]

 $\begin{array}{l} w = \! 45 \ , \ h = \! 87 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3915 \\ w = \! 32 \ , \ h = \! 86 \ , \ x = \! 68 \ , \ y = \! 0 \ , \ v = \! 2752 \end{array}$

 $\le =23$, h =87 , x =45 , y =0 , v =2001

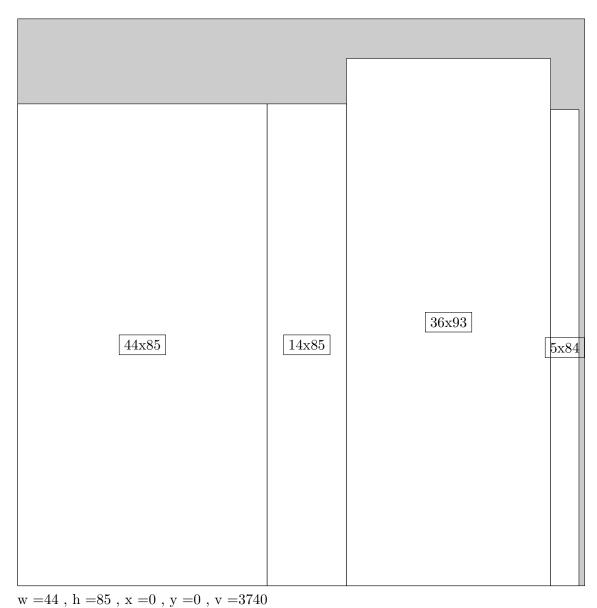


$$\le =82$$
 , h =47 , x =0 , y =0 , v =3854

$$\le =67$$
 , h =39 , x =0 , y =47 , v =2613

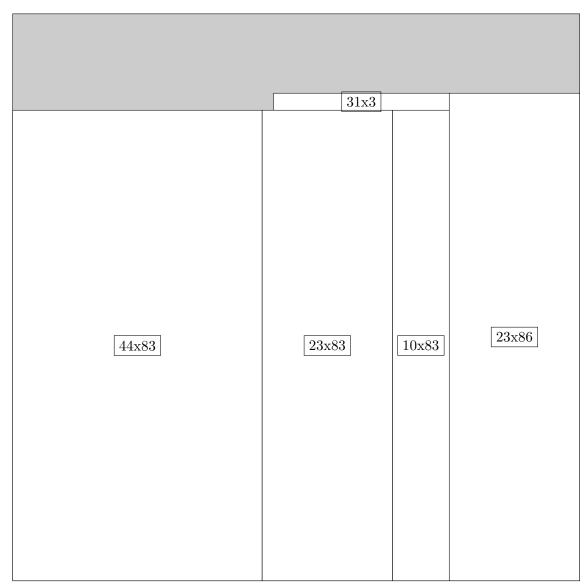
$$\le =12$$
 , h =93 , x =88 , y =0 , v =1116

$$w = 11$$
, $h = 44$, $x = 67$, $y = 47$, $v = 484$



 $\le =36$, h =93 , x =58 , y =0 , v =3348 $\le =14$, $h=\!85$, $x=\!44$, $y=\!0$, $v=\!1190$

w =5 , h =84 , x =94 , y =0 , v =420



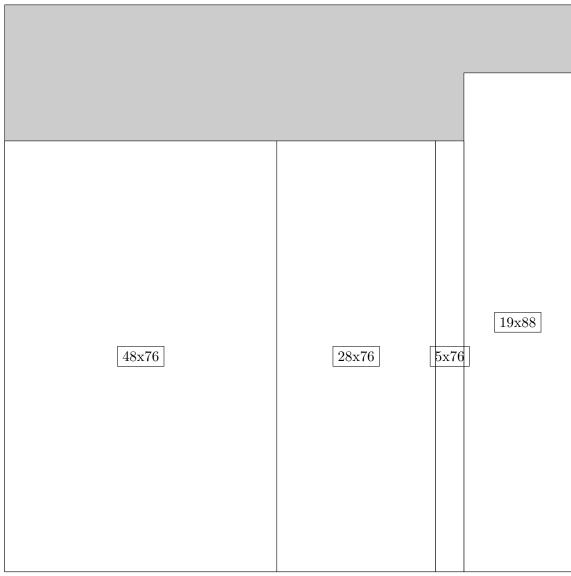
w = 44, h = 83, x = 0, y = 0, v = 3652

 $\le =23$, h =86 , x =77 , y =0 , v =1978

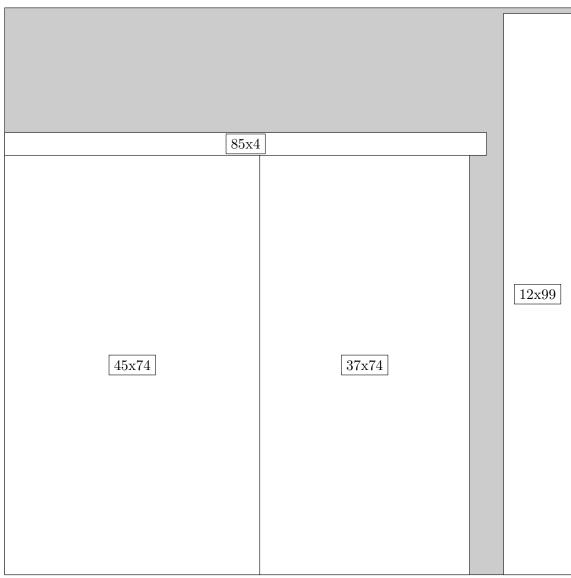
 $\le =23$, h =83 , x =44 , y =0 , v =1909

 $\le =10$, h=83 , x=67 , y=0 , v=830

 $\le =31$, h=3 , x=46 , y=83 , v=93



 $\begin{array}{l} w = \!\! 48 \ , \ h = \!\! 76 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3648 \\ w = \!\! 28 \ , \ h = \!\! 76 \ , \ x = \!\! 48 \ , \ y = \!\! 0 \ , \ v = \!\! 2128 \\ w = \!\! 19 \ , \ h = \!\! 88 \ , \ x = \!\! 81 \ , \ y = \!\! 0 \ , \ v = \!\! 1672 \\ w = \!\! 5 \ , \ h = \!\! 76 \ , \ x = \!\! 76 \ , \ y = \!\! 0 \ , \ v = \!\! 380 \end{array}$

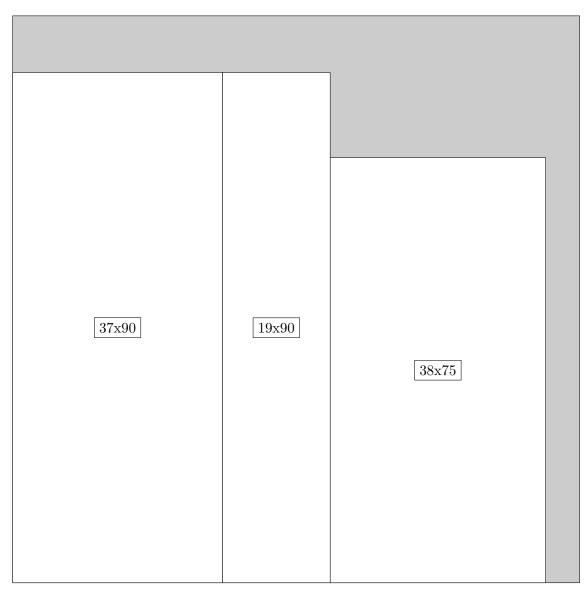


$$\le =45$$
 , h =74 , x =0 , y =0 , v =3330

$$\le =37$$
 , h =74 , x =45 , y =0 , v =2738

$$\le =12$$
 , h =99 , x =88 , y =0 , v =1188

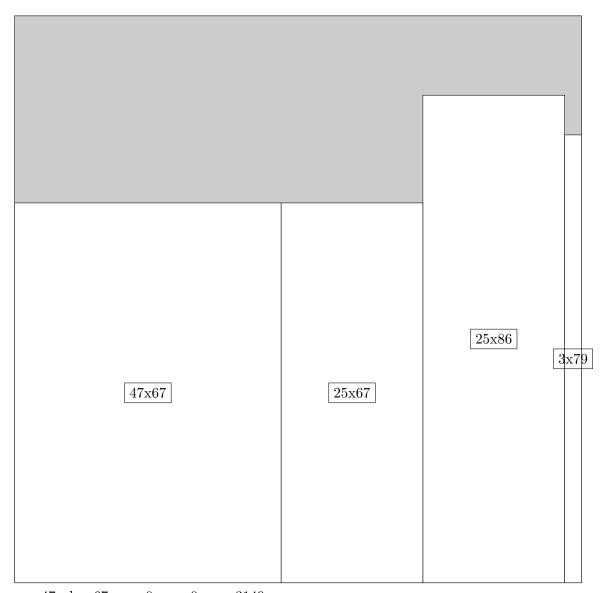
$$\le =85$$
 , h =4 , x =0 , y =74 , v =340



$$w = 37$$
, $h = 90$, $x = 0$, $y = 0$, $v = 3330$

$$\le =38$$
 , h =75 , x =56 , y =0 , v =2850

$$\le =19$$
 , h =90 , x =37 , y =0 , v =1710



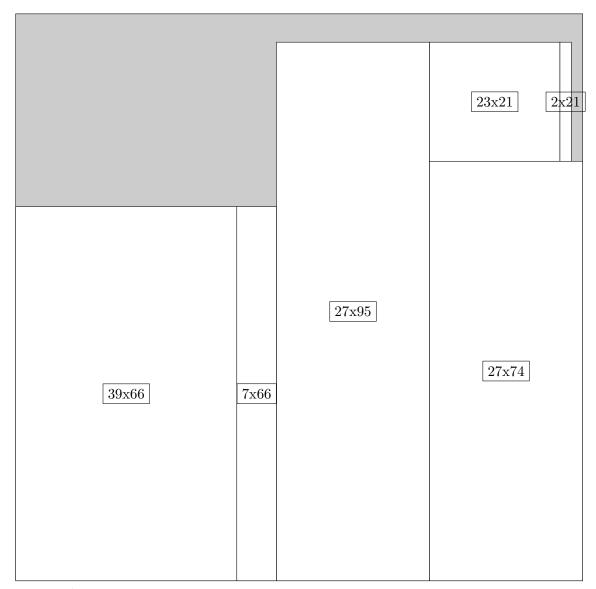
 $\begin{array}{l} w = \! 47 \; , \; h = \! 67 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 3149 \\ w = \! 25 \; , \; h = \! 86 \; , \; x = \! 72 \; , \; y = \! 0 \; , \; v = \! 2150 \\ w = \! 25 \; , \; h = \! 67 \; , \; x = \! 47 \; , \; y = \! 0 \; , \; v = \! 1675 \end{array}$

 \mathbf{w} =3 , h =79 , x =97 , y =0 , v =237

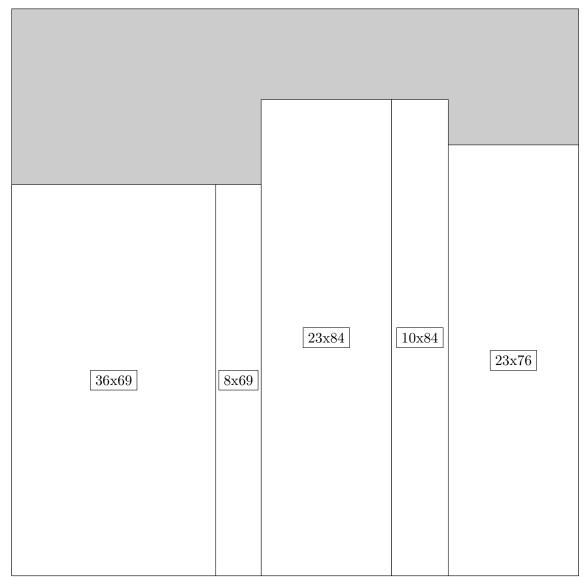
37x75	32x75	[31x74]

$$\begin{array}{l} w = \!\! 37 \ , \ h = \!\! 75 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 2775 \\ w = \!\! 32 \ , \ h = \!\! 75 \ , \ x = \!\! 37 \ , \ y = \!\! 0 \ , \ v = \!\! 2400 \end{array}$$

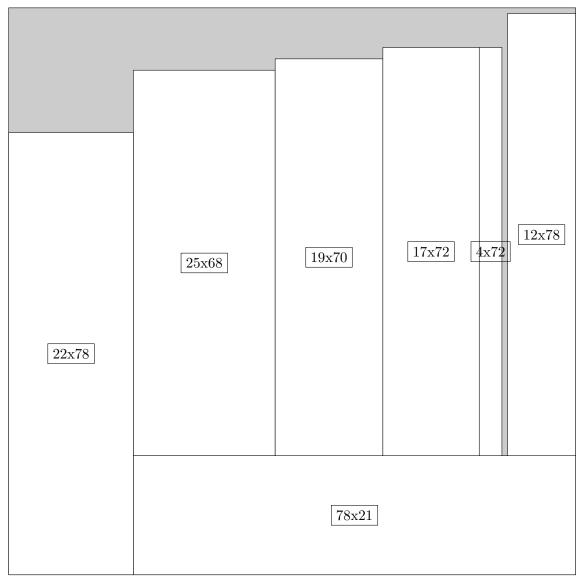
$$\le =31$$
 , h =74 , x =69 , y =0 , v =2294



 $\begin{array}{l} w = 39 \; , \; h = 66 \; , \; x = 0 \; , \; y = 0 \; , \; v = 2574 \\ w = 27 \; , \; h = 95 \; , \; x = 46 \; , \; y = 0 \; , \; v = 2565 \\ w = 27 \; , \; h = 74 \; , \; x = 73 \; , \; y = 0 \; , \; v = 1998 \\ w = 23 \; , \; h = 21 \; , \; x = 73 \; , \; y = 74 \; , \; v = 483 \\ w = 7 \; , \; h = 66 \; , \; x = 39 \; , \; y = 0 \; , \; v = 462 \\ w = 2 \; , \; h = 21 \; , \; x = 96 \; , \; y = 74 \; , \; v = 42 \end{array}$



 $\begin{array}{l} w = & 36 \ , \ h = & 69 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 2484 \\ w = & 23 \ , \ h = & 84 \ , \ x = & 44 \ , \ y = & 0 \ , \ v = & 1932 \\ w = & 23 \ , \ h = & 76 \ , \ x = & 77 \ , \ y = & 0 \ , \ v = & 1748 \\ w = & 10 \ , \ h = & 84 \ , \ x = & 67 \ , \ y = & 0 \ , \ v = & 840 \\ w = & 8 \ , \ h = & 69 \ , \ x = & 36 \ , \ y = & 0 \ , \ v = & 552 \end{array}$



$$w = 22$$
, $h = 78$, $x = 0$, $y = 0$, $v = 1716$

$$\le =25$$
 , h =68 , x =22 , y =21 , v =1700

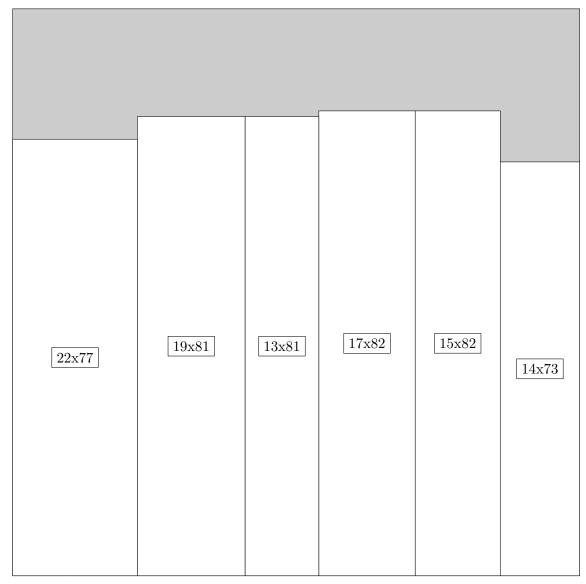
$$\mathbf{w}$$
 =78 , h =21 , x =22 , y =0 , v =1638

$$w$$
 =19 , h =70 , x =47 , y =21 , v =1330

$$w=\!17$$
 , $h=\!72$, $x=\!66$, $y=\!21$, $v=\!1224$

$$\le =12$$
 , $h=78$, $x=88$, $y=21$, $v=936$

$$\mathbf{w}$$
 =4 , h =72 , x =83 , y =21 , v =288



 $\le =22$, h =77 , x =0 , y =0 , v =1694

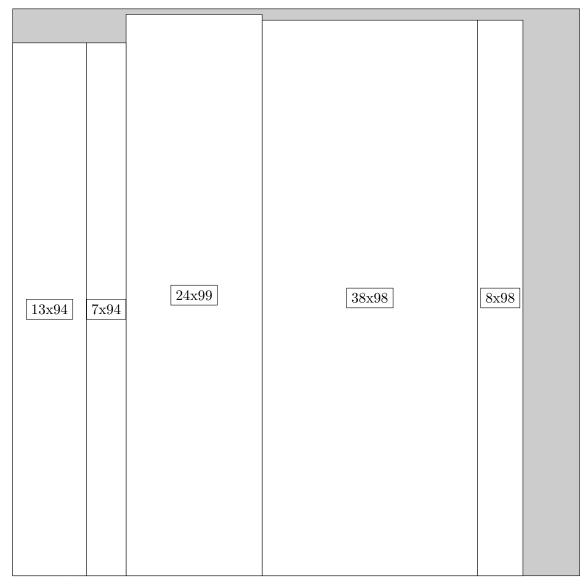
 $\le =19$, h =81 , x =22 , y =0 , v =1539

 $\le =17$, h =82 , x =54 , y =0 , v =1394

 $\le =15$, h =82 , x =71 , y =0 , v =1230

 $\le =13$, h =81 , x =41 , y =0 , v =1053

 $w=\!14$, $h=\!73$, $x=\!86$, $y=\!0$, $v=\!1022$



 $\begin{array}{l} w = & 38 \ , \ h = & 98 \ , \ x = & 44 \ , \ y = & 0 \ , \ v = & 3724 \\ w = & 24 \ , \ h = & 99 \ , \ x = & 20 \ , \ y = & 0 \ , \ v = & 2376 \\ w = & 13 \ , \ h = & 94 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 1222 \\ w = & 8 \ , \ h = & 98 \ , \ x = & 82 \ , \ y = & 0 \ , \ v = & 784 \\ w = & 7 \ , \ h = & 94 \ , \ x = & 13 \ , \ y = & 0 \ , \ v = & 658 \end{array}$

